
Package

tweakmc.control

tweakmc.control

Class FileReaderController

```
java.lang.Object
|
|--tweakmc.control.FileReaderController
```

```
public class FileReaderController
extends java.lang.Object
```

Control the reading of files for TweakMC system

Constructor Summary

| | |
|--------|--|
| public | FileReaderController() |
|--------|--|

Method Summary

| | |
|----------------------------|--|
| static java.util.List | readForAutocomplete (java.lang.String fileName) Read file for autocomplete decoration in the view layer |
| static java.lang.String | readLogfile () Read logfile to List |

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructors

FileReaderController

```
public FileReaderController()
```

Methods

readForAutocomplete

```
public static java.util.List readForAutocomplete(java.lang.String fileName)
```

Read file for autocomplete decoration in the view layer

Parameters:

fileName - where to read from

Returns:

list with autocompletedecoration text

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readLogfile

```
public static java.lang.String readLogfile()
```

Read logfile to List

Returns:

String

tweakmc.control Class FileWriterController

java.lang.Object

└─tweakmc.control.FileWriterController

```
public class FileWriterController
    extends java.lang.Object
```

Writes files for tweakMC

Constructor Summary

| | |
|--------|--|
| public | FileWriterController() |
|--------|--|

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructors

FileWriterController

```
public FileWriterController()
```

tweakmc.control Class LoginController

```
java.lang.Object
|
+--tweakmc.control.LoginController
```

```
public class LoginController
extends java.lang.Object
```

Control all methods between GUI and system

Constructor Summary

| | |
|--------|--|
| public | LoginController() Constructor for LoginController |
|--------|--|

Method Summary

| | |
|------------------|--|
| java.lang.String | getLoginName (java.lang.String initials) Return login name on initial |
|------------------|--|

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructors

LoginController

```
public LoginController()
```

Constructor for LoginController

Methods

getLoginName

```
public java.lang.String getLoginName(java.lang.String initials)
```

Return login name on initial

Parameters:

initials - initial for check

Returns:

name for login if present

tweakmc.control

Class ManageCompanyController

java.lang.Object

└─tweakmc.control.ManageCompanyController

public class **ManageCompanyController**
extends java.lang.Object

Control all methods between GUI and system for Company

Constructor Summary

| | |
|--------|---|
| public | ManageCompanyController() |
|--------|---|

Method Summary

| | |
|---------|---|
| boolean | addCompany (java.lang.String curNo, java.lang.String name, java.lang.String address, java.lang.String phone, java.lang.String email, java.lang.String homePage, java.lang.String bankInfo) |
| boolean | editCompany (java.lang.String curNo, java.lang.String name, java.lang.String address, java.lang.String phone, java.lang.String email, java.lang.String Homepage, java.lang.String bankInfo) |

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructors

ManageCompanyController

public **ManageCompanyController**()

Methods

addCompany

```
public boolean addCompany(java.lang.String curNo,
    java.lang.String name,
    java.lang.String address,
    java.lang.String phone,
    java.lang.String email,
    java.lang.String homePage,
    java.lang.String bankInfo)
```

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Parameters:

curNo
name
address
phone
email
homePage
bankInfo

Returns:

editCompany

```
public boolean editCompany(java.lang.String curNo,  
    java.lang.String name,  
    java.lang.String address,  
    java.lang.String phone,  
    java.lang.String email,  
    java.lang.String Homepage,  
    java.lang.String bankInfo)
```

Parameters:

curNo
name
address
phone
email
Homepage
bankInfo

Returns:

tweakmc.control

Class ManageOwnerController

```
java.lang.Object
```

```
└--tweakmc.control.ManageOwnerController
```

```
public class ManageOwnerController
extends java.lang.Object
```

Control all methods between GUI and system for Owner

Constructor Summary

| | |
|--------|---|
| public | ManageOwnerController() |
|--------|---|

Method Summary

| | |
|----------------|---|
| boolean | deleteOwner (java.lang.String ownerID) Delete an owner |
| boolean[] | getActiveNess () Method to get if the owner owns the vehicle at the memoment |
| boolean | makeNewOwner (java.lang.String firstName, java.lang.String lastName, java.lang.String address, java.lang.String address2, java.lang.String zip, java.lang.String city, java.lang.String country, java.lang.String phone, java.lang.String email) Create a new owner |
| java.util.List | searchOwner (java.lang.Object seachCriteria) Search for an owner |
| java.util.List | searchOwnerWithVehicle (java.lang.String ownerID) Search for an owner and the vehicle he owns |
| boolean | updateOwner (java.lang.String ownerID, java.lang.String firstName, java.lang.String lastName, java.lang.String address, java.lang.String address2, java.lang.String zip, java.lang.String city, java.lang.String country, java.lang.String phone, java.lang.String email) Update data about an owner |

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructors

ManageOwnerController

```
public ManageOwnerController()
```


Methods

makeNewOwner

```
public boolean makeNewOwner(java.lang.String firstName,  
    java.lang.String lastName,  
    java.lang.String address,  
    java.lang.String address2,  
    java.lang.String zip,  
    java.lang.String city,  
    java.lang.String country,  
    java.lang.String phone,  
    java.lang.String email)
```

Create a new owner

Parameters:

- firstName
- lastName
- address
- address2
- zip
- city
- country
- phone
- email

Returns:

true if created else false

updateOwner

```
public boolean updateOwner(java.lang.String ownerID,  
    java.lang.String firstName,  
    java.lang.String lastName,  
    java.lang.String address,  
    java.lang.String address2,  
    java.lang.String zip,  
    java.lang.String city,  
    java.lang.String country,  
    java.lang.String phone,  
    java.lang.String email)
```

Update data about an owner

Parameters:

- ownerID
- firstName
- lastName
- address
- address2
- zip
- city
- country
- phone
- email

Returns:

searchOwner

```
public java.util.List searchOwner(java.lang.Object seachCriteria)
```

Search for an owner

Parameters:

seachCriteria

Returns:

searchOwnerWithVehicle

```
public java.util.List searchOwnerWithVehicle(java.lang.String ownerID)
```

Search for an owner and the vehicle he owns

Parameters:

ownerID - owner id for search

Returns:

List with vehicles the found owner owns

deleteOwner

```
public boolean deleteOwner(java.lang.String ownerID)
```

Delete an owner

Parameters:

ownerID - on owner

Returns:

true if deleted else false

getActiveNess

```
public boolean[] getActiveNess()
```

Method to get if the owner owns the vehicle at the memoment

Returns:

array boolean[]

tweakmc.control

Class ManageResultController

java.lang.Object

└─tweakmc.control.ManageResultController

```
public class ManageResultController
    extends java.lang.Object
```

Control all methods between GUI and system for Result

Constructor Summary

| | |
|--------|--|
| public | ManageResultController() |
|--------|--|

Method Summary

| | |
|---------|---|
| boolean | makeNewResult (java.lang.String orignalDestination, java.lang.String mechanicComment, java.lang.String customerComment, java.lang.String resultName, java.lang.String resultType, java.lang.String vehicleID, java.lang.String workstationID, java.lang.String orderID, java.lang.String whiteboardID) Create a new result |
| boolean | newSpreadsheetResult (javax.swing.JTable tableToSave, java.lang.String mechanicComment, java.lang.String customerComment, java.lang.String resultName, java.lang.String vehicleID, java.lang.String workstationID, java.lang.String orderID) This method creates a result from the spreadsheet |

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructors

ManageResultController

```
public ManageResultController()
```

Methods

(continued from last page)

makeNewResult

```
public boolean makeNewResult(java.lang.String orignalDestination,  
    java.lang.String mechanicComment,  
    java.lang.String customerComment,  
    java.lang.String resultName,  
    java.lang.String resultType,  
    java.lang.String vehicleID,  
    java.lang.String workstationID,  
    java.lang.String orderID,  
    java.lang.String whiteboardID)
```

Create a new result

Parameters:

orignalDestination
mechanicComment
customerComment
resultName
resultType - type of result
vehicleID
workstationID
orderID
whiteboardID

Returns:

true if created else false

newSpreadsheetResult

```
public boolean newSpreadsheetResult(javax.swing.JTable tableToSave,  
    java.lang.String mechanicComment,  
    java.lang.String customerComment,  
    java.lang.String resultName,  
    java.lang.String vehicleID,  
    java.lang.String workstationID,  
    java.lang.String orderID)
```

This method creates a result from the spreadsheet

Parameters:

tableToSave
mechanicComment
customerComment
resultName
vehicleID
workstationID
orderID

Returns:

true if a result is created else fail

tweakmc.control

Class ManageSpreadsheetController

java.lang.Object

└─tweakmc.control.ManageSpreadsheetController

public class **ManageSpreadsheetController**
extends java.lang.Object

Control all methods between GUI and system for Spreadsheet

Constructor Summary

| | |
|--------|---|
| public | ManageSpreadsheetController() |
|--------|---|

Method Summary

| | |
|--------------------|---|
| javax.swing.JTable | createSpreadsheet (int rows, int columns, java.lang.String[] columnsNames) This method creates the spreadsheet |
| javax.swing.JTable | findSelectedSpreadsheet (java.lang.String path) Find the selected spreadsheet to managed |

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructors

ManageSpreadsheetController

public **ManageSpreadsheetController**()

Methods

createSpreadsheet

```
public javax.swing.JTable createSpreadsheet(int rows,
      int columns,
      java.lang.String[] columnsNames)
```

This method creates the spreadsheet

Parameters:

rows
columns
columnsNames

(continued from last page)

Returns:JTable

findSelectedSpreadsheet

```
public javax.swing.JTable findSelectedSpreadsheet(java.lang.String path)
```

Find the selected spreadsheet to managed

Parameters:

path - there spreadsheet is saved

Returns:

selected spreadsheet

tweakmc.control

Class ManageUserController

```
java.lang.Object
```

```
└--tweakmc.control.ManageUserController
```

```
public class ManageUserController
extends java.lang.Object
```

Control all methods between GUI and system for User

Constructor Summary

| | |
|--------|--|
| public | ManageUserController() |
|--------|--|

Method Summary

| | |
|---------|--|
| boolean | addUser (java.lang.String initials, java.lang.String name) |
| boolean | editUse (java.lang.String initials, java.lang.String name) |

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructors

ManageUserController

```
public ManageUserController()
```

Methods

addUser

```
public boolean addUser(java.lang.String initials,
    java.lang.String name)
```

Parameters:

initials
name

Returns:

editUse

```
public boolean editUse(java.lang.String initials,  
                        java.lang.String name)
```

Parameters:

initials
name

Returns:

tweakmc.control Class ManageVehicleController

java.lang.Object

└─tweakmc.control.ManageVehicleController

public class **ManageVehicleController**
extends java.lang.Object

Control all methods between GUI and system for Vehicle

Constructor Summary

| | |
|--------|---|
| public | ManageVehicleController() |
|--------|---|

Method Summary

| | |
|----------------|---|
| boolean | attachOwner (java.lang.String vehicleID, java.lang.String ownerID, int active) Attach a owner to a vehicle |
| boolean | deleteVehicle (java.lang.String vehicleID) Delete a vehicle |
| boolean | editVehicle (java.lang.String vehicleID, java.lang.String vType, java.lang.String brand, java.lang.String model, int vYear, java.lang.String chassisNumber, java.lang.String licensPlate) Method for editing a vehicle |
| boolean[] | getActiveNess () Search for a vehicle and the owners which belongs |
| boolean | makeNewVehicle (java.lang.String vType, java.lang.String brand, java.lang.String model, int vYear, java.lang.String chassisNumber, java.lang.String licensPlate) Pass information about vehicle to vehicle catalog |
| java.util.List | searchVehicle (java.lang.Object seachCriteria) Search for a vehicle |
| java.util.List | searchVehicleWithOwner (java.lang.String vehicleID) Search for a Vehicle and the owners |
| java.util.List | superSearchVehicleWithOwner (java.lang.String vehicleID) This method is for the supersearcher. |

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructors

(continued from last page)

ManageVehicleController

```
public ManageVehicleController()
```

Methods

makeNewVehicle

```
public boolean makeNewVehicle(java.lang.String vType,  
    java.lang.String brand,  
    java.lang.String model,  
    int vYear,  
    java.lang.String chassisNumber,  
    java.lang.String licensPlate)
```

Pass information about vehicle to vehicle catalog

Parameters:

vType - of vehicle
brand - of vehicle
model - of vehicle
vYear - of vehicle
chassisNumber - of vehicle
licensPlate - of vehicle

Returns:

true if created false if not

searchVehicle

```
public java.util.List searchVehicle(java.lang.Object seachCriteria)
```

Search for a vehicle

Parameters:

seachCriteria

Returns:

searchVehicleWithOwner

```
public java.util.List searchVehicleWithOwner(java.lang.String vehicleID)
```

Search for a Vehicle and the owners

Parameters:

vehicleID - vehicles id for search

Returns:

List with owners

superSearchVehicleWithOwner

```
public java.util.List superSearchVehicleWithOwner(java.lang.String vehicleID)
```

(continued from last page)

This method is for the supersearcher. It searches for owners attached to vehicles

Parameters:

vehicleID

Returns:

List

editVehicle

```
public boolean editVehicle(java.lang.String vehicleID,  
    java.lang.String vType,  
    java.lang.String brand,  
    java.lang.String model,  
    int vYear,  
    java.lang.String chassisNumber,  
    java.lang.String licensPlate)
```

Method for editing a vehicle

Parameters:

vehicleID
vType
brand
model
vYear
chassisNumber
licensPlate

Returns:

boolean

deleteVehicle

```
public boolean deleteVehicle(java.lang.String vehicleID)
```

Delete a vehicle

Parameters:

vehicleID - on vehicle

Returns:

true if deleted else false

attachOwner

```
public boolean attachOwner(java.lang.String vehicleID,  
    java.lang.String ownerID,  
    int active)
```

Attach a owner to a vehicle

Parameters:

vehicleID - in vehicle
ownerID - on owner
active - 1 for active 0 for not active

Returns:

true if attached else false

getActiveNess

```
public boolean[] getActiveNess()
```

Search for a vehicle and the owners which belongs

Returns:

List with owners the found vehicles belongs to

tweakmc.control

Class ManageWhiteboardController



```
public class ManageWhiteboardController
extends java.lang.Object
```

Control all methods between GUI and system for Whiteboard

Constructor Summary

| | |
|--------|--|
| public | ManageWhiteboardController() |
|--------|--|

Method Summary

| | |
|---------|---|
| boolean | makeNewValveAdjustmentWhiteboard (java.lang.String mechanicComment, java.lang.String customerComment, java.lang.String[] cylinderNo, java.lang.String[] cylinderPos, java.lang.String[] inArray, java.lang.String[] tollArray, java.lang.String[] diffArray, java.lang.String[] shimArray, java.lang.String[] newShimArray, java.lang.String vehicleID, java.lang.String workstationID, java.lang.String orderID) |
|---------|---|

| | |
|--|--|
| Methods inherited from class java.lang.Object | |
| clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait | |

Constructors

ManageWhiteboardController

```
public ManageWhiteboardController()
```

Methods

(continued from last page)

makeNewValveAdjustmentWhiteboard

```
public boolean makeNewValveAdjustmentWhiteboard(java.lang.String mechanicComment,  
    java.lang.String customerComment,  
    java.lang.String[] cylinderNo,  
    java.lang.String[] cylinderPos,  
    java.lang.String[] inArray,  
    java.lang.String[] tollArray,  
    java.lang.String[] diffArray,  
    java.lang.String[] shimArray,  
    java.lang.String[] newShimArray,  
    java.lang.String vehicleID,  
    java.lang.String workstationID,  
    java.lang.String orderID)
```

Parameters:

mechanicComment - mechanics comments on table
customerComment - comments for customer
cylinderNo - cylinder numbers on table
cylinderPos - cylinder positions on cylinder numbers
inArray - in value on cylinders
tollArray - tollerance on cylinders
diffArray - difference on cylinders
shimArray - shim on cylinders
newShimArray - new shim on cylinders

Returns:

true if created else false

tweakmc.control Class ManageWorkstationController

java.lang.Object

└─tweakmc.control.ManageWorkstationController

public class **ManageWorkstationController**
extends java.lang.Object

Controller class for Workstations Between GUI and system

Constructor Summary

| | |
|--------|---|
| public | ManageWorkstationController() |
|--------|---|

Method Summary

| | |
|------------------|---|
| boolean | editNameOnWorkstation (java.lang.String id, java.lang.String newName) Change the name on a workstation |
| java.lang.String | getInfoFromVehicleID (java.lang.String vehicleID) Get a String with information on the requested vehicle |
| java.lang.String | getNameForWorkstation (java.lang.String id) Return the name on a given workstation for building GUI class or other |
| java.util.Vector | getResultForActVehicleAndWorkstation (java.lang.String vehicleID, java.lang.String workstationID) This method gets the results for the actual vehicle and workstaion |

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructors

ManageWorkstationController

public **ManageWorkstationController**()

Methods

editNameOnWorkstation

public boolean **editNameOnWorkstation**(java.lang.String id, java.lang.String newName)

Change the name on a workstation

(continued from last page)

Parameters:

id - for workstation to change name on
newName - for workstation

Returns:

true if changed else false

getNameForWorkstation

```
public java.lang.String getNameForWorkstation(java.lang.String id)
```

Return the name on a given workstation for building GUI class or other

Parameters:

id - for workstation, name is wanted on

Returns:

the name for the given workstationID

getInfoFromVehicleID

```
public java.lang.String getInfoFromVehicleID(java.lang.String vehicleID)
```

Get a String with information on the requested vehicle

Parameters:

vehicleID - to get information from

Returns:

String with info if vehicleID exist else NULL

getResultForActVehicleAndWorkstation

```
public java.util.Vector getResultForActVehicleAndWorkstation(java.lang.String  
vehicleID,  
java.lang.String workstationID)
```

This method gets the results for the actual vehicle and workstaion

Parameters:

vehicleID
workstationID

Returns:

Vector

tweakmc.control Class OrderController

java.lang.Object

└─tweakmc.control.OrderController

public class **OrderController**
extends java.lang.Object

Control all methods between GUI and system for Order

Constructor Summary

| | |
|--------|-----------------------------------|
| public | OrderController() |
|--------|-----------------------------------|

Method Summary

| | |
|---------------------|---|
| java.lang.String | addOrder (java.lang.String orderType, java.lang.String orderDescription, java.lang.String descriptionSpareparts, int startDate, int expEndDate, java.lang.String expPrice, java.lang.String finishPrice) Creates an order |
| boolean | attachVehicle (java.lang.String vehicleID, java.lang.String orderID) |
| java.util.ArrayList | generateTodo () Passes the "go" from the GUI on downwards (creating a todolist) |
| java.util.ArrayList | searchOrder (java.lang.Object searchCriteria) Generic search method |
| boolean | updateOrder (java.lang.String orderID, java.lang.String orderType, java.lang.String orderDescription, java.lang.String descriptionSpareparts, int startDate, int expEndDate, java.lang.String expPrice, java.lang.String finishPrice) Updates the selected order |

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructors

OrderController

public **OrderController**()

Methods

(continued from last page)

addOrder

```
public java.lang.String addOrder(java.lang.String orderType,  
    java.lang.String orderDescription,  
    java.lang.String descriptionSpareparts,  
    int startDate,  
    int expEndDate,  
    java.lang.String expPrice,  
    java.lang.String finishPrice)
```

Creates an order

Parameters:

orderType
orderDescription
descriptionSpareparts
startDate
expEndDate
expPrice
finishPrice

Returns:

true/false

updateOrder

```
public boolean updateOrder(java.lang.String orderID,  
    java.lang.String orderType,  
    java.lang.String orderDescription,  
    java.lang.String descriptionSpareparts,  
    int startDate,  
    int expEndDate,  
    java.lang.String expPrice,  
    java.lang.String finishPrice)
```

Updates the selected order

Parameters:

orderType
orderDescription
descriptionSpareparts
startDate
expEndDate
expPrice
finishPrice

Returns:

true/false

searchOrder

```
public java.util.ArrayList searchOrder(java.lang.Object seachCriteria)
```

Generic search method

Parameters:

seachCriteria

Returns:

objectType

generateTodo

```
public java.util.ArrayList generateTodo()
```

Passes the "go" from the GUI on downwards (creating a todolist)

attachVehicle

```
public boolean attachVehicle(java.lang.String vehicleID,  
    java.lang.String orderID)
```

tweakmc.control Class SuperSearchController

java.lang.Object

└─tweakmc.control.SuperSearchController

```
public class SuperSearchController
    extends java.lang.Object
```

Control all methods between GUI and system for Supersearch

Constructor Summary

| | |
|--------|---|
| public | SuperSearchController() |
|--------|---|

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructors

SuperSearchController

```
public SuperSearchController()
```

Package

tweakmc.dataaccess

tweakmc.dataaccess Class AutoCompleteDAO

```

java.lang.Object
|
+- tweakmc.dataaccess.DAO
   |
   +- tweakmc.dataaccess.AutoCompleteDAO

```

public class **AutoCompleteDAO**
extends [DAO](#)

Connection to the Database when doing autocomplete things

Method Summary

| | |
|---|--|
| boolean | createNewSuggestion (java.lang.String suggestionType, java.lang.String suggestion) This method inserts new suggestions in the relevant database tables. |
| java.util.List | getAllNames () Search for owners and generate a list of their first and last names |
| int | getHighestOwnerIdentifierfromDatabase (java.lang.String suggestionType) This method gets the highest identifier from the database. |
| static AutoCompleteDAO | getInstance () |
| java.util.List | getSuggestions (java.lang.String suggestionType) Search for owner with given searchcriteria |

Methods inherited from class [tweakmc.dataaccess.DAO](#)

[close](#), [defineAutoCommit](#), [exeCommit](#), [getIdentifierFromID](#), [getIDFromIdentifier](#),
[getOwnerIdentifier](#), [getPreparedStatement](#), [getStatement](#), [getVehicleIdentifier](#), [makeDir](#)

Methods inherited from class java.lang.Object

[clone](#), [equals](#), [finalize](#), [getClass](#), [hashCode](#), [notify](#), [notifyAll](#), [toString](#), [wait](#), [wait](#),
[wait](#)

Methods

getInstance

public static [AutoCompleteDAO](#) **getInstance**()

createNewSuggestion

public boolean **createNewSuggestion**(java.lang.String suggestionType,
java.lang.String suggestion)

(continued from last page)

This method inserts new suggestions in the relevant database tables.

Parameters:

suggestionType
suggestion

Returns:

boolean

getSuggestions

```
public java.util.List getSuggestions(java.lang.String suggestionType)
```

Search for owner with given searchcriteria

Parameters:

suggestionType

Returns:

list with actFounds or null

getAllNames

```
public java.util.List getAllNames()
```

Search for owners and generate a list of their first and last names

Returns:

list with fullNames or null

getHighestOwnerIdentifierfromDatabase

```
public int getHighestOwnerIdentifierfromDatabase(java.lang.String suggestionType)
```

This method gets the highest identifier from the database. It could be used in the process of generating an ID.

Parameters:

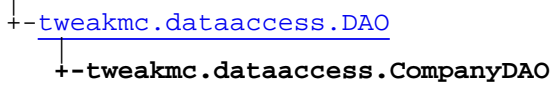
suggestionType

Returns:

int

tweakmc.dataaccess Class CompanyDAO

java.lang.Object



public class **CompanyDAO**
extends [DAO](#)

Connection between the system and the the Database Transforming java code to SQL

Method Summary

| | |
|-----------------------------------|--|
| boolean | createCompany (java.lang.String cvrNo, java.lang.String name, java.lang.String address, java.lang.String phone, java.lang.String email, java.lang.String homePage, java.lang.String bankInfo) Setting the company information, to use for print out |
| boolean | editCompany (java.lang.String cvrNo, java.lang.String name, java.lang.String address, java.lang.String phone, java.lang.String email, java.lang.String homePage, java.lang.String bankInfo) Edit company method |
| static CompanyDAO | getInstance () singleturn methord for CompanyDAO |

Methods inherited from class [tweakmc.dataaccess.DAO](#)

[close](#), [defineAutoCommit](#), [exeCommit](#), [getIdentifierFromID](#), [getIDFromIdentifier](#), [getOwnerIdentifier](#), [getPreparedStatement](#), [getStatement](#), [getVehicleIdentifier](#), [makeDir](#)

Methods inherited from class java.lang.Object

[clone](#), [equals](#), [finalize](#), [getClass](#), [hashCode](#), [notify](#), [notifyAll](#), [toString](#), [wait](#), [wait](#), [wait](#)

Methods

getInstance

public static [CompanyDAO](#) **getInstance**()

singleturn methord for CompanyDAO

Returns:

instance of CompanyDAO

(continued from last page)

createCompany

```
public boolean createCompany(java.lang.String cvrNo,  
    java.lang.String name,  
    java.lang.String address,  
    java.lang.String phone,  
    java.lang.String email,  
    java.lang.String homePage,  
    java.lang.String bankInfo)
```

Setting the company information, to use for print out

Parameters:

cvrNo
name
address
phone
email
homePage
bankInfo

Returns:

editCompany

```
public boolean editCompany(java.lang.String cvrNo,  
    java.lang.String name,  
    java.lang.String address,  
    java.lang.String phone,  
    java.lang.String email,  
    java.lang.String homePage,  
    java.lang.String bankInfo)
```

Edit company method

Parameters:

cvrNo
name
address
phone
email
homePage
bankInfo

Returns:

boolean

tweakmc.dataaccess

Class DAO

java.lang.Object

└─tweakmc.dataaccess.DAO

Direct Known Subclasses:

[UserDAO](#), [AutocompleteDAO](#), [OrderDAO](#), [VehicleDAO](#), [CompanyDAO](#), [ResultDAO](#), [SuperSearchDAO](#), [WorkstationDAO](#), [OwnerDAO](#), [WhiteboardDAO](#)

```
public class DAO
extends java.lang.Object
```

Connection between the system and the the Database Transforming java code to SQL This is the super there we define the most common statements for use in all DAO classes

Constructor Summary

| | |
|--------|-----------------------|
| public | DAO() |
|--------|-----------------------|

Method Summary

| | |
|--|--|
| static void | close() |
| void | defineAutoCommit (boolean state) Define a autocommitment in DAO |
| void | exeCommit() Execute a commit |
| java.lang.Integer | getIdentifierFromID (java.lang.String id, java.lang.String objectType) This returns the identifier from the database for the given objectType |
| java.lang.String | getIDFromIdentifier (int identifier, java.lang.String objectType) This returns the ID from the database for the given objectType |
| java.lang.Integer | getOwnerIdentifier (java.lang.String ownerID) This returns the identifier from the database for the owner in question |
| static java.sql.PreparedStat ement | getPreparedStatement (java.lang.String sql) |
| static java.sql.Statement | getStatement() Return the statement |
| java.lang.Integer | getVehicleIdentifier (java.lang.String vehicleID) Gets the identifier from the database for the vehicle in question |
| boolean | makeDir (java.lang.String str_vehicleID) Make a new directory for a vehicle |

Methods inherited from class java.lang.Object

```
clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait
```

Constructors

DAO

```
public DAO()
```

Methods

getStatement

```
protected static java.sql.Statement getStatement()  
    throws java.sql.SQLException
```

Return the statement

Returns:

Throws:

SQLException

getPreparedStatement

```
protected static java.sql.PreparedStatement getPreparedStatement(java.lang.String sql)  
    throws java.sql.SQLException
```

close

```
protected static void close()
```

getVehicleIdentifier

```
protected java.lang.Integer getVehicleIdentifier(java.lang.String vehicleID)
```

Gets the identifier from the database for the vehicle in question

Parameters:

vehicleID

Returns:

Integer

getOwnerIdentifier

```
protected java.lang.Integer getOwnerIdentifier(java.lang.String ownerID)
```

(continued from last page)

This returns the identifier from the database for the owner in question

Parameters:

ownerID

Returns:

Integer

getIdentifierFromID

```
protected java.lang.Integer getIdentifierFromID(java.lang.String id,  
java.lang.String objectType)
```

This returns the identifier from the database for the given objectType

Parameters:

id - to search identifier from
objectType

Returns:

Integer identifier

getIDFromIdentifier

```
protected java.lang.String getIDFromIdentifier(int identifier,  
java.lang.String objectType)
```

This returns the ID from the database for the given objectType

Parameters:

identifier - to find id for
objectType - in which table

Returns:

String ID

defineAutoCommit

```
protected void defineAutoCommit(boolean state)
```

Define a autocommitment in DAO

Parameters:

state - true for auto commit false for not

exeCommit

```
protected void exeCommit()
```

Execute a commit

makeDir

```
protected boolean makeDir(java.lang.String str_vehicleID)
```

Make a new directory for a vehicle

Parameters:

str_vehicleID - on vehicle

(continued from last page)

Returns:

true if created else false

tweakmc.dataaccess

Class DBHandler

java.lang.Object

└─tweakmc.dataaccess.DBHandler

public class **DBHandler**
extends java.lang.Object

Handel connection with DB

Field Summary

| | |
|--------|---|
| public | <u>addressToDriver</u> |
| public | <u>connectionString</u> |
| public | <u>db_rev</u> |
| public | <u>dbPassword</u> |
| public | <u>dbUser</u> |

Method Summary

| | |
|---|---|
| static void | <u>defineAutoCommit</u> (boolean state) Aurocommit a sql statement in the database |
| static void | <u>exeCommit</u> () Execute a commit |
| java.sql.Connection | <u>getConnection</u> () Get one connection for DB |
| static <u>DBHandler</u> | <u>getInstance</u> () Return the instance of DBHandler |
| void | <u>setDataBase</u> () |
| void | <u>setDataBase</u> (int Option) This method sets which database we're going to use (It depends on the choice of the user) and it's only relevant if a derby-db isn't available |

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Fields

(continued from last page)

db_rev

```
public java.lang.String db_rev
```

addressToDriver

```
public java.lang.String addressToDriver
```

connectionString

```
public java.lang.String connectionString
```

dbUser

```
public java.lang.String dbUser
```

dbPassword

```
public java.lang.String dbPassword
```

Methods

setDataBase

```
public void setDataBase()
```

setDataBase

```
public void setDataBase(int Option)
```

This method sets which database we're going to use (It depends on the choice of the user) and it's only relevant if a derby-db isn't available

Parameters:

Option

getInstance

```
public static DBHandler getInstance()
```

Return the instance of DBHandler

Returns:

DBHandlers only instance

getConnection

```
public java.sql.Connection getConnection()
```

Get one connection for DB

Returns:

actual connection or null

Throws:

SQLException - after you...watch out

defineAutoCommit

```
public static void defineAutoCommit(boolean state)
```

Aurocommit a sql statement in the database

Parameters:

state - true for autocommitment false for not

exeCommit

```
public static void exeCommit()
```

Execute a commit

tweakmc.dataaccess Class ObjectHandler

```
java.lang.Object
  |
  +--tweakmc.dataaccess.ObjectHandler
```

All Implemented Interfaces:

```
java.io.Serializable
```

```
public class ObjectHandler
  extends java.lang.Object
  implements java.io.Serializable
```

Save and load objects to a specific place on the disc Also copies files from one place to a specific Vehicle folder for results

Method Summary

| | |
|--------------------------------------|--|
| static boolean | copyFileToNewDestination (java.lang.String originalDestination, java.lang.String newDestination) Copy the original file to the vehiclefolder there it is attached |
| static ObjectHandler | getInstance () Singleton instance |
| static java.lang.Object | objectReader (java.lang.String path) Read and return the choosen Object. |
| static boolean | objectWriter (java.lang.Object objectToSave, java.lang.String path) Writes the pobject to the given position |

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Methods

getInstance

```
public static ObjectHandler getInstance()
```

Singleton instance

Returns:

instance

objectWriter

```
public static boolean objectWriter(java.lang.Object objectToSave,
    java.lang.String path)
```

Writes the pobject to the given position

(continued from last page)

Parameters:

objectToSave - the object to be written in file
path

Returns:

true if saved else false

objectReader

```
public static java.lang.Object objectReader(java.lang.String path)
```

Read and return the choosen Object. Object is returnd as object and must be cast before use in GUI

Parameters:

path - to read

Returns:

Object if found and read else NULL

copyFileToNewDestination

```
public static boolean copyFileToNewDestination(java.lang.String originalDestination,  
java.lang.String newDestination)
```

Copy the original file to the vehiclefolder there it is attached

Parameters:

originalDestination - to copy from
newDestination - copy to

Returns:

true if copied else false

tweakmc.dataaccess Class OrderDAO

```
java.lang.Object
|
+- tweakmc.dataaccess.DAO
|   |
|   +- tweakmc.dataaccess.OrderDAO
```

```
public class OrderDAO
extends DAO
```

Connection between the system and the the Database Transforming java code to SQL

Method Summary

| | |
|---------------------------------|--|
| boolean | attachVehicle (java.lang.String vehicleID, java.lang.String vorderID) Attach vehicle to order. |
| java.lang.String | createOrder (java.lang.String orderType, java.lang.String descriptionOrder, java.lang.String descriptionSpareparts, int startDate, int expEndDate, java.lang.String expPrice, java.lang.String finishPrice) Create Order in the DB |
| java.util.ArrayList | generateTodo () Generate a list over all orders starting or ending within the next seven days Dates are initially calculated in miliseconds so they are easier to handle (add/subtract and store) //Possible errors: The method are dependent of the system time of the computer. |
| java.util.ArrayList | generateTodoEnd () Generate a list over all orders ending within the next seven days Dates are initially calculated in miliseconds so they are easier to handle (add/subtract and store) //Possible errors: The method are dependent of the system time of the computer. |
| int | getHighestOrderIDfromDatabase () This method gets the highest number of the identifier from the ordertable |
| static OrderDAO | getInstance () Singleton method for OrderDAO |
| java.util.ArrayList | searchOrder (java.lang.Object searchCriteria) Executes the search order critrias into the DB |
| boolean | updateOrder (java.lang.String vorderID, java.lang.String orderType, java.lang.String descriptionOrder, java.lang.String descriptionSpareparts, int startDate, int expEndDate, java.lang.String expPrice, java.lang.String finishPrice) Update order method |

Methods inherited from class [tweakmc.dataaccess.DAO](#)

[close](#), [defineAutoCommit](#), [exeCommit](#), [getIdentifierFromID](#), [getIDFromIdentifier](#), [getOwnerIdentifier](#), [getPreparedStatement](#), [getStatement](#), [getVehicleIdentifier](#), [makeDir](#)

Methods inherited from class java.lang.Object

```
clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait
```

Methods

getInstance

```
public static OrderDAO getInstance()
```

Singleton method for OrderDAO

Returns:

instance of OrderDAO

createOrder

```
public java.lang.String createOrder(java.lang.String orderType,  
    java.lang.String descriptionOrder,  
    java.lang.String descriptionSpareparts,  
    int startDate,  
    int expEndDate,  
    java.lang.String expPrice,  
    java.lang.String finishPrice)
```

Create Order in the DB

Parameters:

orderType
descriptionOrder
descriptionSpareparts
startDate
expEndDate
expPrice
finishPrice

Returns:

searchOrder

```
public java.util.ArrayList searchOrder(java.lang.Object searchCriteria)
```

Excecutes the search order critrias into the DB

Parameters:

searchCriteria - the searchcriteria

Returns:

resultFound

(continued from last page)

updateOrder

```
public boolean updateOrder(java.lang.String vorderID,  
    java.lang.String orderType,  
    java.lang.String descriptionOrder,  
    java.lang.String descriptionSpareparts,  
    int startDate,  
    int expEndDate,  
    java.lang.String expPrice,  
    java.lang.String finishPrice)
```

Update order method

Parameters:

orderId
orderType
descriptionOrder
descriptionSpareparts
startDate
expEndDate
expPrice
finishPrice

Returns:

true/false

generateTodo

```
public java.util.ArrayList generateTodo()
```

Generate a list over all orders starting or ending within the next seven days Dates are initially calculated in milliseconds so they are easier to handle (add/subtract and store) //Possible errors: The method are dependent of the system time of the computer.

Returns:

resultFoundStart resultFoundStart An ArrayList containing the starting orders

generateTodoEnd

```
public java.util.ArrayList generateTodoEnd()
```

Generate a list over all orders ending within the next seven days Dates are initially calculated in milliseconds so they are easier to handle (add/subtract and store) //Possible errors: The method are dependent of the system time of the computer.

Returns:

resultFoundEnd resultFoundEnd An ArrayList containing the ending orders

attachVehicle

```
public boolean attachVehicle(java.lang.String vehicleID,  
    java.lang.String vorderID)
```

Attach vehicle to order.

Parameters:

vehicleID
orderId

Returns:

true if success, false otherwise

getHighestOrderIDfromDatabase

```
public int getHighestOrderIDfromDatabase()
```

This method gets the highest number of the identifier from the ordertable

Returns:

int

tweakmc.dataaccess

Class OwnerDAO

```

java.lang.Object
|
+- tweakmc.dataaccess.DAO
|   |
|   +- tweakmc.dataaccess.OwnerDAO

```

public class **OwnerDAO**
 extends [DAO](#)

Connection between the system and the the Database Transforming java code to SQL

Field Summary

| | |
|-----------|---------------------------|
| protected | activness |
|-----------|---------------------------|

Method Summary

| | |
|---------------------------------|---|
| boolean | createActOwner (java.lang.String firstName, java.lang.String lastName, java.lang.String address, java.lang.String address2, java.lang.String zip, java.lang.String city, java.lang.String country, java.lang.String phone, java.lang.String email) Create owner to db |
| boolean | deleteActOwner (java.lang.String ownerID) Delete an owner |
| boolean | editActOwner (java.lang.String ownerID, java.lang.String firstName, java.lang.String lastName, java.lang.String address, java.lang.String address2, java.lang.String zip, java.lang.String city, java.lang.String country, java.lang.String phone, java.lang.String email) Edit existing owner |
| boolean[] | getActiveNess () Gets an array with active-statuses on ownership |
| int | getHighestOwnerIDfromDatabase () This method gets the highest number of the identifier from the ownertable |
| static OwnerDAO | getInstance () Singleton method for OwnerDAO |
| java.util.List | searchActOwner (java.lang.Object searchCriteria) Search for owner with given searchcriteria |
| java.util.List | searchActOwnerWithVehicles (java.lang.String ownerID) Search for an owner and return vehicles he owns |

Methods inherited from class [tweakmc.dataaccess.DAO](#)

[close](#), [defineAutoCommit](#), [exeCommit](#), [getIdentifierFromID](#), [getIDFromIdentifier](#), [getOwnerIdentifier](#), [getPreparedStatement](#), [getStatement](#), [getVehicleIdentifier](#), [makeDir](#)

Methods inherited from class java.lang.Object

```
clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait
```

Fields

activness

protected boolean **activness**

Methods

getInstance

```
public static OwnerDAO getInstance()
```

Singleton method for OwnerDAO

Returns:

instance of OwnerDAO

createActOwner

```
public boolean createActOwner(java.lang.String firstName,  
    java.lang.String lastName,  
    java.lang.String address,  
    java.lang.String address2,  
    java.lang.String zip,  
    java.lang.String city,  
    java.lang.String country,  
    java.lang.String phone,  
    java.lang.String email)
```

Create owner to db

Parameters:

firstName
lastName - on owner
address - on owner
address2 - on owner
zip - on owner
city - on owner
country
phone - on owner
email - on owner

Returns:

true if success else false

searchActOwner

```
public java.util.List searchActOwner(java.lang.Object searchCriteria)
```

Search for owner with given searchcriteria

Parameters:

(continued from last page)

searchCriteria - for owner

Returns:

list with actFounds or null

searchActOwnerWithVehicles

```
public java.util.List searchActOwnerWithVehicles(java.lang.String ownerID)
```

Search for an owner and return vehicles he owns

Parameters:

ownerID

Returns:

List with vehicles owned by owner

editActOwner

```
public boolean editActOwner(java.lang.String ownerID,  
    java.lang.String firstName,  
    java.lang.String lastName,  
    java.lang.String address,  
    java.lang.String address2,  
    java.lang.String zip,  
    java.lang.String city,  
    java.lang.String country,  
    java.lang.String phone,  
    java.lang.String email)
```

Edit existing owner

Parameters:

ownerID - owners ID
firstName - on owner
lastName - on owner
address - on owner
address2 - on owner
zip - on owner
city - on owner
country
phone - on owner
email - on owner

Returns:

true if success else false

deleteActOwner

```
public boolean deleteActOwner(java.lang.String ownerID)
```

Delete an owner

Parameters:

ownerID - on owner

Returns:

true if deleted else false

(continued from last page)

getHighestOwnerIDfromDatabase

```
public int getHighestOwnerIDfromDatabase()
```

This method gets the highest number of the identifier from the ownertable

Returns:

int

getActiveNess

```
public boolean[] getActiveNess()
```

Gets an array with active-statuses on ownership

Returns:

boolean[]

tweakmc.dataaccess

Class ResultDAO

```

java.lang.Object
  |
  +- tweakmc.dataaccess.DAO
      |
      +- tweakmc.dataaccess.ResultDAO
  
```

public class **ResultDAO**
 extends [DAO](#)

Connection between the system and the the Database Transforming java code to SQL

Method Summary

| | |
|----------------------------------|---|
| boolean | createActWhiteboard (Result whiteboardResultType) Create a new whiteboard result |
| boolean | createNewActResult (Result resultType) Create a result |
| int | getHighestResultIDfromDatabase () This method will get the highest identifier for result in the database |
| static ResultDAO | getInstance () Singleton mehtod for ResultDAO |
| java.util.Vector | getResultsForIDs (java.lang.String actVehicleID, java.lang.String actWorkstationID) Build a vector with results found from the given IDS |

Methods inherited from class [tweakmc.dataaccess.DAO](#)

[close](#), [defineAutoCommit](#), [exeCommit](#), [getIdentifierFromID](#), [getIDFromIdentifier](#), [getOwnerIdentifier](#), [getPreparedStatement](#), [getStatement](#), [getVehicleIdentifier](#), [makeDir](#)

Methods inherited from class java.lang.Object

[clone](#), [equals](#), [finalize](#), [getClass](#), [hashCode](#), [notify](#), [notifyAll](#), [toString](#), [wait](#), [wait](#), [wait](#)

Methods

getInstance

public static [ResultDAO](#) **getInstance**()

Singleton mehtod for ResultDAO

Returns:

ONE instance of resultDAO

(continued from last page)

createNewActResult

```
public boolean createNewActResult(Result resultType)
```

Create a result

Parameters:

resultType - type of result

Returns:

true if created else false

createActWhiteboard

```
public boolean createActWhiteboard(Result whiteboardResultType)
```

Create a new whiteboard result

Parameters:

whiteboardResultType

Returns:

true if created else false

getResultsForIDs

```
public java.util.Vector getResultsForIDs(java.lang.String actVehicleID,  
    java.lang.String actWorkstationID)
```

Build a vector with results found from the given IDS

Parameters:

actVehicleID - to find results for

actWorkstationID - to find results for

Returns:

Vector with result or null

getHighestResultIDfromDatabase

```
public int getHighestResultIDfromDatabase()
```

This method will get the highest identifier for result in the database

Returns:

int

tweakmc.dataaccess Class SuperSearchDAO

```
java.lang.Object
|
+- tweakmc.dataaccess.DAO
|
+- tweakmc.dataaccess.SuperSearchDAO
```

public class **SuperSearchDAO**
extends [DAO](#)

Connection between the system and the the Database Transforming java code to SQL

Field Summary

| | |
|-----------|---------------------------|
| protected | activness |
|-----------|---------------------------|

Method Summary

| | |
|---------------------------------------|--|
| static SuperSearchDAO | getInstance() Method for implementing the Singleton pattern |
| java.util.List | searchActOwner (java.lang.Object searchCriteria) Search for owner with given searchcriteria |
| java.util.List | searchActVehicle (java.lang.Object searchCriteria) Search for vehicle with given searchcriteria |
| java.util.List | searchActVehicleWithOwner (java.lang.String vehicleID) |

Methods inherited from class [tweakmc.dataaccess.DAO](#)

[close](#), [defineAutoCommit](#), [exeCommit](#), [getIdentifierFromID](#), [getIDFromIdentifier](#),
[getOwnerIdentifier](#), [getPreparedStatement](#), [getStatement](#), [getVehicleIdentifier](#), [makeDir](#)

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait,
wait

Fields

activness

protected boolean **activness**

Methods

(continued from last page)

getInstance

```
public static SuperSearchDAO getInstance()
```

Method for implementing the Singleton pattern

Returns:

instance

searchActOwner

```
public java.util.List searchActOwner(java.lang.Object searchCriteria)
```

Search for owner with given searchcriteria

Parameters:

searchCriteria - for owner

Returns:

list with actFounds or null

searchActVehicle

```
public java.util.List searchActVehicle(java.lang.Object searchCriteria)
```

Search for vehicle with given searchcriteria

Parameters:

searchCriteria - for vehicle

Returns:

list with actFounds or null

searchActVehicleWithOwner

```
public java.util.List searchActVehicleWithOwner(java.lang.String vehicleID)
```

tweakmc.dataaccess

Class UserDAO

```

java.lang.Object
|
+- tweakmc.dataaccess.DAO
   |
   +- tweakmc.dataaccess.UserDAO

```

public class **UserDAO**
 extends [DAO](#)

Connection between the system and the the Database Transforming java code to SQL

Method Summary

| | |
|--------------------------------|--|
| boolean | createActUser (java.lang.String initials, java.lang.String name) methord to create User |
| boolean | editUser (java.lang.String initials, java.lang.String name) This method edits an user |
| static UserDAO | getInstance () |

Methods inherited from class [tweakmc.dataaccess.DAO](#)

[close](#), [defineAutoCommit](#), [exeCommit](#), [getIdentifierFromID](#), [getIDFromIdentifier](#),
[getOwnerIdentifier](#), [getPreparedStatement](#), [getStatement](#), [getVehicleIdentifier](#), [makeDir](#)

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait,
 wait

Methods

getInstance

```
public static UserDAO getInstance()
```

createActUser

```
public boolean createActUser(java.lang.String initials,  
                             java.lang.String name)
```

methord to create User

Parameters:

initials
 name

(continued from last page)

Returns:

editUser

```
public boolean editUser(java.lang.String initials,  
                        java.lang.String name)
```

This method edits an user

Parameters:

initials
name

Returns:

boolean

tweakmc.dataaccess

Class VehicleDAO

```

java.lang.Object
├── tweakmc.dataaccess.DAO
│   └── tweakmc.dataaccess.VehicleDAO

```

public class **VehicleDAO**
 extends [DAO](#)

Connection between the system and the the Database Transforming java code to SQL

Method Summary

| | |
|-----------------------------------|--|
| boolean | attachActOwner (java.lang.String vehicleID, java.lang.String ownerID, int active) Attach a owner to a vehicle |
| boolean | createActVehicle (java.lang.String vType, java.lang.String brand, java.lang.String model, int vYear, java.lang.String chassisNumber, java.lang.String licensPlate) Create vehicle with the given parameters in the DB vehicle Table |
| boolean | deleteActVehicle (java.lang.String vehicleID) Delete vehicle |
| boolean | editActVehicle (java.lang.String vehicleID, java.lang.String vType, java.lang.String brand, java.lang.String model, int vYear, java.lang.String chassisNumber, java.lang.String licensPlate) Edit existing vehicle in db |
| boolean[] | getActiveNess () Gets an array with active-statuses on ownership |
| int | getHighestVehicleBrandIDfromDatabase () This method gets the highest vehicleBrandIdentifier from the database |
| int | getHighestVehicleIDfromDatabase () This method gets the highest number of the identifier from the vehicletable |
| int | getHighestVehicleModelIDfromDatabase () This method gets the highest VehicleModelIdentifier from the database |
| int | getHighestVehicleTypeIDfromDatabase () |
| static VehicleDAO | getInstance () Singleton method for VehicleDAO |
| java.lang.String | getVehicleNameAndOwnerName (java.lang.String vehicleID) Find information about a vehicle and evt owner |
| java.util.List | searchActOwnerWithVehicles (java.lang.String vehicleID) Search for a vehicle and return owners attached |

java.util.List

[searchActVehicle](#)(java.lang.Object searchCriteria)

Search for vehicle with given searchcriteria

Methods inherited from class [tweakmc.dataaccess.DAO](#)[close](#), [defineAutoCommit](#), [exeCommit](#), [getIdentifierFromID](#), [getIDFromIdentifier](#), [getOwnerIdentifier](#), [getPreparedStatement](#), [getStatement](#), [getVehicleIdentifier](#), [makeDir](#)**Methods inherited from class java.lang.Object**

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Methods

getInstance

```
public static VehicleDAO getInstance()
```

Singleton method for VehicleDAO

Returns:

instance of VehicleDAO

createActVehicle

```
public boolean createActVehicle(java.lang.String vType,  
    java.lang.String brand,  
    java.lang.String model,  
    int vYear,  
    java.lang.String chassisNumber,  
    java.lang.String licensPlate)
```

Create vehicle with the given parameters in the DB vehicle Table

Parameters:

vType - of vehicle
brand - of vehicle
model - of vehicle
vYear - of vehicle
chassisNumber - of vehicle
licensPlate - of vehicle

Returns:

true if created else false

searchActVehicle

```
public java.util.List searchActVehicle(java.lang.Object searchCriteria)
```

Search for vehicle with given searchcriteria

Parameters:

searchCriteria - for vehicle

Returns:

list with actFounds or null

editActVehicle

```
public boolean editActVehicle(java.lang.String vehicleID,  
    java.lang.String vType,  
    java.lang.String brand,  
    java.lang.String model,  
    int vYear,  
    java.lang.String chassisNumber,  
    java.lang.String licensPlate)
```

Edit existing vehicle in db

Parameters:

vehicleID - vehiles ID
vType
brand - of vehicle
model - of vehicle
vYear
chassisNumber - of vehicle
licensPlate - of vehicle

Returns:

true if success else false

deleteActVehicle

```
public boolean deleteActVehicle(java.lang.String vehicleID)
```

Delete vehicle

Parameters:

vehicleID - on vehicle

Returns:

true if deleted else false

attachActOwner

```
public boolean attachActOwner(java.lang.String vehicleID,  
    java.lang.String ownerID,  
    int active)
```

Attach a owner to a vehicle

Parameters:

vehicleID - on vehicle
ownerID - on owner
active - 1 for active , 0 for inactive

Returns:

true if attached else false

getHighestVehicleIDfromDatabase

```
public int getHighestVehicleIDfromDatabase()
```

This method gets the higest number of the identifier from the vehicletable

Returns:

(continued from last page)

int

getHighestVehicleTypeIDfromDatabase

```
public int getHighestVehicleTypeIDfromDatabase()
```

getHighestVehicleBrandIDfromDatabase

```
public int getHighestVehicleBrandIDfromDatabase()
```

This method gets the highest vehicleBrandidentifier from the database

Returns:

int

getHighestVehicleModelIDfromDatabase

```
public int getHighestVehicleModelIDfromDatabase()
```

This method gets the highest VehicleModelIdentifier from the database

Returns:

int

searchActOwnerWithVehicles

```
public java.util.List searchActOwnerWithVehicles(java.lang.String vehicleID)
```

Search for a vehicle and return owners attached

Parameters:

vehicleID

Returns:

List with owners belonging to that vehicle

getActiveNess

```
public boolean[] getActiveNess()
```

Gets an array with active-statuses on ownership

Returns:

boolean[]

getVehicleNameAndOwnerName

```
public java.lang.String getVehicleNameAndOwnerName(java.lang.String vehicleID)
```

Find information about a vehicle and evt owner

Parameters:

vehicleID - to find info about

Returns:

String with info if vehicleID exist else empty string

tweakmc.dataaccess Class WhiteboardDAO

```
java.lang.Object
|
+-tweakmc.dataaccess.DAO
|
+-tweakmc.dataaccess.WhiteboardDAO
```

public class **WhiteboardDAO**
extends [DAO](#)

Connection between the system and the the Database Transforming java code to SQL

Method Summary

| | |
|--------------------------------------|---|
| boolean | createActValveadjustmentTablewhiteboard (ValveAdjustmentTable table) Create a new Valveadjustment table |
| int | getHighestCylinderIDfromDatabase () This method will get the highest identifier for whiteboard in the database |
| int | getHighestResultIDfromDatabase () This method will get the highest identifier for result in the database |
| int | getHighestWhiteboardIDfromDatabase () This method will get the highest identifier for whiteboard in the database |
| static WhiteboardDAO | getInstance () Singleton constructor for WhiteboardDAO |

Methods inherited from class [tweakmc.dataaccess.DAO](#)

[close](#), [defineAutoCommit](#), [exeCommit](#), [getIdentifierFromID](#), [getIDFromIdentifier](#), [getOwnerIdentifier](#), [getPreparedStatement](#), [getStatement](#), [getVehicleIdentifier](#), [makeDir](#)

Methods inherited from class java.lang.Object

[clone](#), [equals](#), [finalize](#), [getClass](#), [hashCode](#), [notify](#), [notifyAll](#), [toString](#), [wait](#), [wait](#), [wait](#)

Methods

getInstance

public static [WhiteboardDAO](#) **getInstance**()

Singleton constructor for WhiteboardDAO

Returns:

only ONE instance of WhiteboardDAO

(continued from last page)

createActValveadjustmentTablewhiteboard

```
public boolean createActValveadjustmentTablewhiteboard(ValveAdjustmentTable table)
```

Create a new Valveadjustment table

Parameters:

table - table to crete

Returns:

true if created else false

getHighestResultIDfromDatabase

```
public int getHighestResultIDfromDatabase()
```

This method will get the highest identifier for result in the database

Returns:

int

getHighestWhiteboardIDfromDatabase

```
public int getHighestWhiteboardIDfromDatabase()
```

This method will get the highest identifier for whiteboard in the database

Returns:

int highest whiteboardID

getHighestCylinderIDfromDatabase

```
public int getHighestCylinderIDfromDatabase()
```

This method will get the highest identifier for whiteboard in the database

Returns:

int highest whiteboardID

tweakmc.dataaccess

Class WorkstationDAO

```

java.lang.Object
  |
  +- tweakmc.dataaccess.DAO
      |
      +- tweakmc.dataaccess.WorkstationDAO
  
```

public class **WorkstationDAO**
 extends [DAO](#)

Connection between the system and the the Database Transforming java code to SQL

Method Summary

| | |
|---------------------------------------|--|
| boolean | changeWorkstationName (java.lang.String id, java.lang.String name) Set a new name for a workstation |
| java.util.Vector | getAllWorkstation () Get all workstations and there information |
| static WorkstationDAO | getInstance () |

Methods inherited from class [tweakmc.dataaccess.DAO](#)

[close](#), [defineAutoCommit](#), [exeCommit](#), [getIdentifierFromID](#), [getIDFromIdentifier](#),
[getOwnerIdentifier](#), [getPreparedStatement](#), [getStatement](#), [getVehicleIdentifier](#), [makeDir](#)

Methods inherited from class java.lang.Object

[clone](#), [equals](#), [finalize](#), [getClass](#), [hashCode](#), [notify](#), [notifyAll](#), [toString](#), [wait](#), [wait](#),
[wait](#)

Methods

getInstance

public static [WorkstationDAO](#) **getInstance**()

changeWorkstationName

public boolean **changeWorkstationName**(java.lang.String id,
 java.lang.String name)

Set a new name for a workstation

Parameters:

id - on workstation where name should be changed
 name - new name on workstation

(continued from last page)

Returns:

true if changed else false

getAllWorkstation

```
public java.util.Vector getAllWorkstation()
```

Get all workstations and there information

Returns:

Vector with workstation instance

Package
tweakmc.model

tweakmc.model

Class Bearing

java.lang.Object

└─tweakmc.model.Bearing

public class **Bearing**
extends java.lang.Object

Constructor Summary

| | |
|--------|--|
| public | Bearing (int bearingNumber) Constructor for Bearing |
|--------|--|

Method Summary

| | |
|-----|--|
| int | getBearing () Return bearing number |
|-----|--|

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructors

Bearing

public **Bearing**(int bearingNumber)

Constructor for Bearing

Parameters:

bearingNumber - on bearing

Methods

getBearing

public int **getBearing**()

Return bearing number

Returns:

bearing number

tweakmc.model Class Company

java.lang.Object

└─tweakmc.model.Company

public class **Company**
extends java.lang.Object

Constructor Summary

| | |
|--------|--|
| public | Company (java.lang.String curNo, java.lang.String name, java.lang.String address, java.lang.String phone, java.lang.String email, java.lang.String homePage, java.lang.String bankInfo) constructor for the company |
|--------|--|

Method Summary

| | |
|------------------|---|
| java.lang.String | getAddress () Method returns company address |
| java.lang.String | getBankInfo () return bankInfo of the company |
| java.lang.String | getCvrNo () method returns company cvrNo |
| java.lang.String | getEmail () Method returns email |
| java.lang.String | getHomePage () |
| java.lang.String | getName () Method returns company name |
| java.lang.String | getPhone () Method returns phon number of the company |
| void | setAddress (java.lang.String address) Method to set company address |
| void | setBankInfo (java.lang.String bankInfo) Method set bankInfo of the company |
| void | SetCvrNo (java.lang.String cvrNo) Method sets cvrno for the company |
| void | setEmail (java.lang.String email) method returns email |
| void | setHomePage (java.lang.String homePage) Method sets homePage |

| | |
|------------------|--|
| void | <code>setName(java.lang.String name)</code> Method sets the company name |
| void | <code>setPhone(java.lang.String phone)</code> Method sets company phone |
| java.lang.String | <code>toString()</code> Return all information |

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructors

Company

```
public Company( java.lang.String curNo,
               java.lang.String name,
               java.lang.String address,
               java.lang.String phone,
               java.lang.String email,
               java.lang.String homePage,
               java.lang.String bankInfo)
```

constructor for the company

Parameters:

curNo - for the company
 name - of the company
 address - of the company
 email - for the company
 homepage - for the company
 bankInfo - for the company

Methods

getCvrNo

```
public java.lang.String getCvrNo()
```

method returns company cvrNo

Returns:

SetCvrNo

```
public void SetCvrNo( java.lang.String cvrNo)
```

Method sets cvrno for the company

Parameters:

cvrNo

(continued from last page)

setName

```
public void setName(java.lang.String name)
```

Method sets the company name

Parameters:

name

getName

```
public java.lang.String getName()
```

Method returns company name

Returns:

setAddress

```
public void setAddress(java.lang.String address)
```

Method to set company address

Parameters:

address

getAddress

```
public java.lang.String getAddress()
```

Method returns company address

Returns:

setPhone

```
public void setPhone(java.lang.String phone)
```

Method sets company phone

Parameters:

phone

getPhone

```
public java.lang.String getPhone()
```

Method returns phone number of the company

Returns:

setEmail

```
public void setEmail(java.lang.String email)
```

(continued from last page)

methord returns email

Parameters:

email

getEmail

```
public java.lang.String getEmail()
```

Methord returns email

Returns:

setHomePage

```
public void setHomePage(java.lang.String homePage)
```

Methord sets homePage

Parameters:

homePage

getHomePage

```
public java.lang.String getHomePage()
```

Returns:

setBankInfo

```
public void setBankInfo(java.lang.String bankInfo)
```

Methord set bankInfo of the company

Parameters:

bankInfo

getBankInfo

```
public java.lang.String getBankInfo()
```

return bankInfo of the company

Returns:

toString

```
public java.lang.String toString()
```

Return all information

Returns:

tweakmc.model

Class CompanyCatalog

java.lang.Object

└─tweakmc.model.CompanyCatalog

All Implemented Interfaces:

java.io.Serializable

public class **CompanyCatalog**
 extends java.lang.Object
 implements java.io.Serializable

Method Summary

| | |
|---------------------------------------|--|
| boolean | editCompany (java.lang.String curNo, java.lang.String name, java.lang.String Address, java.lang.String phone, java.lang.String email, java.lang.String homePage, java.lang.String bankInformation) |
| static CompanyCatalog | getInstance () single turn pattern |
| boolean | updateCompany (java.lang.String curNo, java.lang.String name, java.lang.String address, java.lang.String phone, java.lang.String email, java.lang.String homePage, java.lang.String bankInfo) |

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Methods

getInstance

public static [CompanyCatalog](#) **getInstance**()

single turn pattern

Returns:

instance of company catalog

updateCompany

```
public boolean updateCompany(java.lang.String curNo,
    java.lang.String name,
    java.lang.String address,
    java.lang.String phone,
    java.lang.String email,
    java.lang.String homePage,
    java.lang.String bankInfo)
```

(continued from last page)

Parameters:

curNo
name
address
phone
email
homePage
bankInfo

Returns:

editCompany

```
public boolean editCompany(java.lang.String curNo,  
    java.lang.String name,  
    java.lang.String Address,  
    java.lang.String phone,  
    java.lang.String email,  
    java.lang.String homePage,  
    java.lang.String bankInformation)
```

Parameters:

curNo
name
Address
phone
email
homePage
bankInformation

Returns:

tweakmc.model Class Cylinder

java.lang.Object

└─tweakmc.model.Cylinder

```
public class Cylinder
    extends java.lang.Object
```

Constructor Summary

| | |
|--------|--|
| public | Cylinder (java.lang.String cylinderNumber) Constructor for Cylinder |
|--------|--|

Method Summary

| | |
|------------------|--|
| java.lang.String | getCylinders () Return number of cylinder |
|------------------|--|

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructors

Cylinder

```
public Cylinder(java.lang.String cylinderNumber)
```

Constructor for Cylinder

Parameters:

cylinderNumber - number of cylinders

Methods

getCylinders

```
public java.lang.String getCylinders()
```

Return number of cylinder

Returns:

number of cylinder

tweakmc.model Class CylinderPosition

java.lang.Object

└─tweakmc.model.CylinderPosition

public class **CylinderPosition**
extends java.lang.Object

Constructor Summary

| | |
|--------|---|
| public | CylinderPosition (java.lang.String cPositionName) Constructor for cylinderposition |
|--------|---|

Method Summary

| | |
|------------------|---|
| java.lang.String | getCylinderPosition () Return cylinderposition |
|------------------|---|

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructors

CylinderPosition

public **CylinderPosition**(java.lang.String cPositionName)

Constructor for cylinderposition

Parameters:

cylinderPosition - on cylinder

Methods

getCylinderPosition

public java.lang.String **getCylinderPosition**()

Return cylinderposition

Returns:

cylinders position

tweakmc.model Class Login

java.lang.Object

└─tweakmc.model.Login

public class **Login**
extends java.lang.Object

Method Summary

| | |
|------------------------------|--|
| void | addLogin (java.lang.String initials, java.lang.String name) Add a new login initial |
| static Login | getInstance () Singleton method for Login |
| java.util.HashMap | getLoginContainer () Return all login initials and names in a HashMap |
| java.lang.String | getName (java.lang.String initials) Return name on given initial |

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Methods

getInstance

public static [Login](#) **getInstance**()

Singleton method for Login

Returns:

ONE instance of Login

addLogin

public void **addLogin**(java.lang.String initials,
java.lang.String name)

Add a new login initial

Parameters:

initials - initial to add

name - name on the new login

(continued from last page)

getLoginContainer

```
public java.util.HashMap getLoginContainer()
```

Return all login initials and names in a HashMap

Returns:

HashMap with all names and initials

getName

```
public java.lang.String getName(java.lang.String initials)
```

Return name on given initial

Parameters:

`initials` - initial to check

Returns:

name for initial if present

tweakmc.model

Class MeasurementType

java.lang.Object

└─ **tweakmc.model.MeasurementType**

public class **MeasurementType**
extends java.lang.Object

Constructor Summary

| | |
|--------|---|
| public | MeasurementType (java.lang.String mTypeName) Constructor for MeasurementType |
|--------|---|

Method Summary

| | |
|------------------|---|
| java.lang.String | getMeasurementDataType () Return measurement data type |
|------------------|---|

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructors

MeasurementType

public **MeasurementType**(java.lang.String mTypeName)

Constructor for MeasurementType

Parameters:

name - on MeasurementType

Methods

getMeasurementDataType

public java.lang.String **getMeasurementDataType**()

Return measurement data type

Returns:

measurement data type

tweakmc.model

Class Order

java.lang.Object

└─tweakmc.model.Order

public class **Order**
extends java.lang.Object

Constructor Summary

| | |
|--------|--|
| public | Order (java.lang.String orderID, java.lang.String orderType, java.lang.String descriptionOrder, java.lang.String descriptionSpareparts, int startDate, int expEndDate, java.lang.String expPrice, java.lang.String finishPrice) Constructor for the Order class in the model layer, requires all fields |
|--------|--|

Method Summary

| | |
|------------------|---|
| java.lang.String | getDescriptionOrder () Get-method for descriptionOrder |
| java.lang.String | getDescriptionSpareparts () Get-method for descriptionSpareparts |
| int | getExpEndDate () Get-method for expEndDate |
| java.lang.String | getExpPrice () Get-method for expPrice |
| java.lang.String | getFinishPrice () Get-method for finishPrice |
| java.lang.String | getOrderID () Get-method for orderID |
| java.lang.String | getOrderType () Get-method for orderType |
| int | getStartDate () Get-method for startDate |
| void | setDescriptionOrder (java.lang.String descriptionOrder) Set-method for descriptionOrder |
| void | setDescriptionSpareparts (java.lang.String descriptionSpareparts) Set-method for descriptionSpareparts |
| void | setExpEndDate (int expEndDate) Set-method for extEndDate |
| void | setExpPrice (java.lang.String expPrice) Set-method for expPrice |

| | |
|------|--|
| void | <code>setFinishPrice</code> (java.lang.String finishPrice) Set-method for finishPrice |
| void | <code>setOrderID</code> (java.lang.String orderID) Set-method for orderID |
| void | <code>setOrderType</code> (java.lang.String orderType) Set-method for orderType |
| void | <code>setStartDate</code> (int startDate) Set-method for startDate |

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructors

Order

```
public Order(java.lang.String orderID,
             java.lang.String orderType,
             java.lang.String descriptionOrder,
             java.lang.String descriptionSpareparts,
             int startDate,
             int expEndDate,
             java.lang.String expPrice,
             java.lang.String finishPrice)
```

Constructor for the Order class in the model layer, requires all fields

Parameters:

orderID
orderType
descriptionOrder
descriptionSpareparts
startDate
expEndDate
expPrice
finishPrice

Methods

getOrderID

```
public java.lang.String getOrderID()
```

Get-method for orderID

Returns:

orderID

setOrderID

```
public void setOrderID(java.lang.String orderID)
```

(continued from last page)

Set-method for orderID

Parameters:
orderID

getOrderType

```
public java.lang.String getOrderType()
```

Get-method for orderType

Returns:
orderType

setOrderType

```
public void setOrderType(java.lang.String orderType)
```

Set-method for orderType

Parameters:
orderType

getDescriptionOrder

```
public java.lang.String getDescriptionOrder()
```

Get-method for descriptionOrder

Returns:
descriptionOrder

setDescriptionOrder

```
public void setDescriptionOrder(java.lang.String descriptionOrder)
```

Set-method for descriptionOrder

Parameters:
descriptionOrder

getDescriptionSpareparts

```
public java.lang.String getDescriptionSpareparts()
```

Get-method for descriptionSpareparts

Returns:
descriptionSpareparts

setDescriptionSpareparts

```
public void setDescriptionSpareparts(java.lang.String descriptionSpareparts)
```

Set-method for descriptionSpareparts

Parameters:
descriptionSpareparts

getStartDate

```
public int getStartDate()
```

Get-method for startDate

Returns:

startDate

setStartDate

```
public void setStartDate(int startDate)
```

Set-method for startDate

Parameters:

startDate

getExpEndDate

```
public int getExpEndDate()
```

Get-method for expEndDate

Returns:

expEndDate

setExpEndDate

```
public void setExpEndDate(int expEndDate)
```

Set-method for extEndDate

Parameters:

expEndDate

getExpPrice

```
public java.lang.String getExpPrice()
```

Get-method for expPrice

Returns:

expPrice

setExpPrice

```
public void setExpPrice(java.lang.String expPrice)
```

Set-method for expPrice

Parameters:

expPrice

getFinishPrice

```
public java.lang.String getFinishPrice()
```

(continued from last page)

Get-method for finishPrice

Returns:

finishPrice

setFinishPrice

```
public void setFinishPrice(java.lang.String finishPrice)
```

Set-method for finishPrice

Parameters:

finishPrice

tweakmc.model Class OrderCatalog

java.lang.Object

└─tweakmc.model.OrderCatalog

All Implemented Interfaces:

java.io.Serializable

public class **OrderCatalog**
extends java.lang.Object
implements java.io.Serializable

Method Summary

| | |
|-------------------------------------|---|
| java.lang.String | addOrder (java.lang.String orderType, java.lang.String orderDescription, java.lang.String descriptionSpareparts, int startDate, int expEndDate, java.lang.String expPrice, java.lang.String finishPrice) Add-method |
| boolean | attachVehicle (java.lang.String vehicleID, java.lang.String orderID) |
| java.util.ArrayList | generateTodo () It returns order DAO and then the instance is got |
| static OrderCatalog | getInstance () Singleton it returns instance |
| java.util.ArrayList | searchOrder (java.lang.Object searchCriteria) Search-method |
| boolean | updateOrder (java.lang.String orderID, java.lang.String orderType, java.lang.String orderDescription, java.lang.String descriptionSpareparts, int startDate, int expEndDate, java.lang.String expPrice, java.lang.String finishPrice) |

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Methods

getInstance

public static [OrderCatalog](#) **getInstance**()

Singleton it returns instance

Returns:

addOrder

```
public java.lang.String addOrder(java.lang.String orderType,  
    java.lang.String orderDescription,  
    java.lang.String descriptionSpareparts,  
    int startDate,  
    int expEndDate,  
    java.lang.String expPrice,  
    java.lang.String finishPrice)
```

Add-method

Parameters:

orderType
orderDescription
descriptionSpareparts
startDate
expEndDate
expPrice
finishPrice

Returns:

updateOrder

```
public boolean updateOrder(java.lang.String orderID,  
    java.lang.String orderType,  
    java.lang.String orderDescription,  
    java.lang.String descriptionSpareparts,  
    int startDate,  
    int expEndDate,  
    java.lang.String expPrice,  
    java.lang.String finishPrice)
```

Parameters:

orderID
orderType
orderDescription
descriptionSpareparts
startDate
expEndDate
expPrice
finishPrice

Returns:

searchOrder

```
public java.util.ArrayList searchOrder(java.lang.Object searchCriteria)
```

Search-method

Parameters:

searchCriteria

Returns:

(continued from last page)

generateTodo

```
public java.util.ArrayList generateTodo()
```

It returns order DAO and then the instance is got

Returns:

attachVehicle

```
public boolean attachVehicle(java.lang.String vehicleID,  
    java.lang.String orderID)
```

Parameters:

vehicleID
orderID

Returns:

tweakmc.model Class Owner

java.lang.Object

└─tweakmc.model.Owner

All Implemented Interfaces:

java.lang.Comparable

public class **Owner**
 extends java.lang.Object
 implements java.lang.Comparable

Field Summary

| | |
|--------|---------------------------|
| public | address |
| public | email |
| public | firstName |
| public | phone |

Constructor Summary

| | |
|--------|---|
| public | Owner (java.lang.String ownerID, java.lang.String firstName, java.lang.String lastName, java.lang.String address, java.lang.String address2, java.lang.String zip, java.lang.String city, java.lang.String country, java.lang.String phone, java.lang.String email) Constructor of the Owner class |
|--------|---|

Method Summary

| | |
|------------------|--|
| int | compareTo (Owner o) Overridden method This method is a part of the implementing of comparable. |
| java.lang.String | getAddress () Return owners address1 |
| java.lang.String | getAddress2 () Return owners address2 |
| java.lang.String | getCity () Return owners city |
| java.lang.String | getCountry () Return owners country |
| java.lang.String | getEmail () Return owners email |

| | |
|------------------|---|
| java.lang.String | <u>getFirstName()</u> Get owners first name |
| java.lang.String | <u>getID()</u> Return owners ID |
| java.lang.String | <u>getLastName()</u> Return owners last name |
| java.lang.String | <u>getPhone()</u> Return owners phonenumber |
| java.lang.String | <u>getZip()</u> Return owners zipcode |
| void | <u>setAddress()</u> (java.lang.String address) Set owners address1 |
| void | <u>setAddress2()</u> (java.lang.String address2) Set owners address2 |
| void | <u>setCity()</u> (java.lang.String city) Set owners city |
| void | <u>setCountry()</u> (java.lang.String country) Set the owners country |
| void | <u>setEmail()</u> (java.lang.String email) Set owners email |
| void | <u>setFirstName()</u> (java.lang.String firstName) Set the owners first name |
| void | <u>setID()</u> (java.lang.String ownerID) Set owners ID |
| void | <u>setLastName()</u> (java.lang.String lastName) Set owners last name |
| void | <u>setPhone()</u> (java.lang.String phone) Set owners phone number |
| void | <u>setZip()</u> (java.lang.String zip) Set owners zipcode |
| java.lang.String | <u>toString()</u> |

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Methods inherited from interface java.lang.Comparable

compareTo

(continued from last page)

Fields

firstName

```
public java.lang.String firstName
```

address

```
public java.lang.String address
```

phone

```
public java.lang.String phone
```

email

```
public java.lang.String email
```

Constructors

Owner

```
public Owner(java.lang.String ownerID,  
             java.lang.String firstName,  
             java.lang.String lastName,  
             java.lang.String address,  
             java.lang.String address2,  
             java.lang.String zip,  
             java.lang.String city,  
             java.lang.String country,  
             java.lang.String phone,  
             java.lang.String email)
```

Constructor of the Owner class

Parameters:

String - ownerID, String firstName, String lastName, String address, int id, String phone, String email

Methods

compareTo

```
public int compareTo(Owner o)
```

Overridden method This method is a part of the implementing of comparable. Object Owner is sorted by their IDs

Parameters:

o

Returns:

Integer

getID

```
public java.lang.String getID()
```

Return owners ID

Returns:

owners ID

setID

```
public void setID(java.lang.String ownerID)
```

Set owners ID

Parameters:

ownerID - owners new ID

getFirstName

```
public java.lang.String getFirstName()
```

Get owners first name

Returns:

owners first name

setFirstName

```
public void setFirstName(java.lang.String firstName)
```

Set the owners first name

Parameters:

firstName - owners new first name

getLastName

```
public java.lang.String getLastName()
```

Return owners last name

Returns:

owners last name

setLastName

```
public void setLastName(java.lang.String lastName)
```

Set owners last name

Parameters:

lastName - owners new last name

getAddress

```
public java.lang.String getAddress()
```

(continued from last page)

Return owners address1

Returns:

owners address1

setAddress

```
public void setAddress(java.lang.String address)
```

Set owners address1

Parameters:

address1 - owners new address1

getAddress2

```
public java.lang.String getAddress2()
```

Return owners address2

Returns:

owners address2

setAddress2

```
public void setAddress2(java.lang.String address2)
```

Set owners address2

Parameters:

address2 - owners new address2

getZip

```
public java.lang.String getZip()
```

Return owners zipcode

Returns:

owners zipcode

setZip

```
public void setZip(java.lang.String zip)
```

Set owners zipcode

Parameters:

zip - owners new zip code

getCity

```
public java.lang.String getCity()
```

Return owners city

Returns:

owners city

setCity

```
public void setCity(java.lang.String city)
```

Set owners city

Parameters:

city - owners new city

getCountry

```
public java.lang.String getCountry()
```

Return owners country

Returns:

country on owner

setCountry

```
public void setCountry(java.lang.String country)
```

Set the owners country

Parameters:

country - new country on owner

getPhone

```
public java.lang.String getPhone()
```

Return owners phonenumber

Returns:

owners phonenumber

setPhone

```
public void setPhone(java.lang.String phone)
```

Set owners phone number

Parameters:

phone - owners new phone number

getEmail

```
public java.lang.String getEmail()
```

Return owners email

Returns:

owners email

setEmail

```
public void setEmail(java.lang.String email)
```

(continued from last page)

Set owners email

Parameters:

email - owners new email

toString

```
public java.lang.String toString()
```

tweakmc.model Class OwnerCatalog

java.lang.Object

└─tweakmc.model.OwnerCatalog

All Implemented Interfaces:

java.io.Serializable

public class **OwnerCatalog**
 extends java.lang.Object
 implements java.io.Serializable

Method Summary

| | |
|-------------------------------------|---|
| void | addOwner (Owner newOwner) |
| boolean | deleteOwner (java.lang.String ownerId) Delete an owner |
| boolean[] | getActiveNess () |
| static OwnerCatalog | getInstance () Singleton pattern |
| java.util.ArrayList | getOwnerCatalog () Get-method for ownerList |
| boolean | makeNewOwner (java.lang.String firstName, java.lang.String lastName, java.lang.String address, java.lang.String address2, java.lang.String zip, java.lang.String city, java.lang.String country, java.lang.String phone, java.lang.String email) Create a new Owner |
| java.util.List | searchOwner (java.lang.Object searchCriteria) Search for an owner |
| java.util.List | searchOwnerWithVehicle (java.lang.String ownerId) Search for an owner and the vehicle he owns |
| void | setOwnerList (java.util.ArrayList ownerList) |
| boolean | updateOwner (java.lang.String ownerId, java.lang.String firstName, java.lang.String lastName, java.lang.String address, java.lang.String address2, java.lang.String zip, java.lang.String country, java.lang.String city, java.lang.String phone, java.lang.String email) Update data about an owner |

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Methods

getInstance

```
public static OwnerCatalog getInstance()
```

Singleton pattern

Returns:

instance of OwnerCatalog

getOwnerCatalog

```
public java.util.ArrayList getOwnerCatalog()
```

Get-method for ownerList

Returns:

ownerList

setOwnerList

```
public void setOwnerList(java.util.ArrayList ownerList)
```

Parameters:

ownerList

addOwner

```
public void addOwner(Owner newOwner)
```

makeNewOwner

```
public boolean makeNewOwner(java.lang.String firstName,  
    java.lang.String lastName,  
    java.lang.String address,  
    java.lang.String address2,  
    java.lang.String zip,  
    java.lang.String city,  
    java.lang.String country,  
    java.lang.String phone,  
    java.lang.String email)
```

Create a new Owner

Parameters:

firstName - on owner
lastName - on owner
address - on owner
address2 - on owner
zip - on city
city - of owner
phone - for owner

(continued from last page)

email - for owner

Returns:true if created else false

updateOwner

```
public boolean updateOwner(java.lang.String ownerID,  
    java.lang.String firstName,  
    java.lang.String lastName,  
    java.lang.String address,  
    java.lang.String address2,  
    java.lang.String zip,  
    java.lang.String country,  
    java.lang.String city,  
    java.lang.String phone,  
    java.lang.String email)
```

Update data about an owner

Parameters:

ownerID
firstName
lastName
address
address2
zip
city
phone
email

Returns:boolean

searchOwner

```
public java.util.List searchOwner(java.lang.Object searchCriteria)
```

Search for an owner

Parameters:

seachCriteria

Returns:List

searchOwnerWithVehicle

```
public java.util.List searchOwnerWithVehicle(java.lang.String ownerID)
```

Search for an owner and the vehicle he owns

Parameters:

ownerID - owner id for search

Returns:List with vehicles the found owner owns

(continued from last page)

deleteOwner

```
public boolean deleteOwner(java.lang.String ownerID)
```

Delete an owner

Parameters:

ownerID - on owner

Returns:

true if deleted else false

getActiveNess

```
public boolean[] getActiveNess()
```


tweakmc.model Class SuperSearch

```
java.lang.Object
└─tweakmc.model.SuperSearch
```

```
public class SuperSearch
extends java.lang.Object
```

Constructor Summary

| | |
|--------|-------------------------------|
| public | SuperSearch() |
|--------|-------------------------------|

Methods inherited from class `java.lang.Object`

`clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait`

Constructors

SuperSearch

```
public SuperSearch()
```

tweakmc.model

Class User

```
java.lang.Object
|
|--tweakmc.model.User
```

```
public class User
extends java.lang.Object
```

Constructor Summary

| | |
|--------|---|
| public | User (java.lang.String initials, java.lang.String name) constructor for the User |
|--------|---|

Method Summary

| | |
|------------------|--|
| java.lang.String | getInitials () methord to get initials |
| java.lang.String | getName () methord to get name |
| void | setInitials (java.lang.String initials) methord to set initials |
| void | setName (java.lang.String name) methord to set name |
| java.lang.String | toString () return all information |

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructors

User

```
public User(java.lang.String initials,
            java.lang.String name)
```

constructor for the User

Parameters:

initials - constructor
name - constructor

Methods

(continued from last page)

setInitials

```
public void setInitials(java.lang.String initials)
```

methord to set initials

Parameters:

initials

getInitials

```
public java.lang.String getInitials()
```

methord to get initials

Returns:

setName

```
public void setName(java.lang.String name)
```

methord to set name

Parameters:

name

getName

```
public java.lang.String getName()
```

methord to get name

Returns:

toString

```
public java.lang.String toString()
```

return all information

Returns:

tweakmc.model

Class UserCatalog

java.lang.Object

└─tweakmc.model.UserCatalog

All Implemented Interfaces:

java.io.Serializable

public class **UserCatalog**
 extends java.lang.Object
 implements java.io.Serializable

implementation of UserCatalog

Method Summary

| | |
|------------------------------------|--|
| boolean | editUser (java.lang.String initials, java.lang.String name) edit method called from the DAO |
| static UserCatalog | getInstance () single turn pattern |

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Methods

getInstance

public static [UserCatalog](#) **getInstance**()

single turn pattern

Returns:

instance of UserContainer

editUser

public boolean **editUser**(java.lang.String initials,
java.lang.String name)

edit method called from the DAO

Parameters:

initials
name

Returns:

tweakmc.model

Class Vehicle

java.lang.Object

└─tweakmc.model.Vehicle

All Implemented Interfaces:

java.io.Serializable

public class **Vehicle**
 extends java.lang.Object
 implements java.io.Serializable

Constructor Summary

| | |
|--------|--|
| public | Vehicle (java.lang.String vehicleID, java.lang.String vType, java.lang.String brand, java.lang.String model, int vYear, java.lang.String chassisNumber, java.lang.String licensPlate) Constructor for vehicle |
|--------|--|

Method Summary

| | |
|------------------|--|
| java.lang.String | getBrand () Return vehicles brand |
| java.lang.String | getChassisNumber () Return vehicles chassis number |
| java.lang.String | getLicensPlate () Return the vehicles licensplate |
| java.lang.String | getModel () Return vehicles model |
| java.lang.String | getVehicleID () Return vehicles id, set by system |
| java.lang.String | getvType () Return vehicles type |
| int | getvYear () Return vehicles year |
| void | setBrand (java.lang.String brand) Set the vehicles brand |
| void | setChassisNumber (java.lang.String chassisNumber) Set vehicles chassis number |
| void | setLicensPlate (java.lang.String licensPlate) Set vehicles licens plate |
| void | setModel (java.lang.String model) Set Vehicles model |

| | |
|------------------|---|
| void | <code>setvType(java.lang.String vType)</code> Set vehicles type |
| void | <code>setvYear(int vYear)</code> Set vehicles year |
| java.lang.String | <code>toString()</code> Return all information |

Methods inherited from class java.lang.Object

`clone`, `equals`, `finalize`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

Constructors

Vehicle

```
public Vehicle(java.lang.String vehicleID,
               java.lang.String vType,
               java.lang.String brand,
               java.lang.String model,
               int vYear,
               java.lang.String chassisNumber,
               java.lang.String licensPlate)
```

Constructor for vehicle

Parameters:

`vType` - type of vehicle
`model` - model on vehicle
`vYear` - vYear on vehicle
`chassisNumber` - chassisNumber on vehicle
`licensPlate` - licensPlate on vehicle

Methods

getVehicleID

```
public java.lang.String getVehicleID()
```

Return vehicles id, set by system

Returns:

vehicleID

getvType

```
public java.lang.String getvType()
```

Return vehicles type

Returns:

vehicles type

(continued from last page)

setvType

```
public void setvType(java.lang.String vType)
```

Set vehicles type

Parameters:

type - vehicles new type

getBrand

```
public java.lang.String getBrand()
```

Return vehicles brand

Returns:

vehicles brand

setBrand

```
public void setBrand(java.lang.String brand)
```

Set the vehicles brand

Parameters:

brand - vehicles new brand

getModel

```
public java.lang.String getModel()
```

Return vehicles model

Returns:

vehicles model

setModel

```
public void setModel(java.lang.String model)
```

Set Vehicles model

Parameters:

model - vehicles new model

getvYear

```
public int getvYear()
```

Return vehicles year

Returns:

vehicles year

setvYear

```
public void setvYear(int vYear)
```

(continued from last page)

Set vehicles year

Parameters:

year - vehicles new year

getChassisNumber

```
public java.lang.String getChassisNumber()
```

Return vehicles chassis number

Returns:

vehicles chassis number

setChassisNumber

```
public void setChassisNumber(java.lang.String chassisNumber)
```

Set vehicles chassis number

Parameters:

chassisNumber - vehicles new chassisnumber

getLicensPlate

```
public java.lang.String getLicensPlate()
```

Return the vehicles licensplate

Returns:

vehicles licensplate

setLicensPlate

```
public void setLicensPlate(java.lang.String licensPlate)
```

Set vehicles licens plate

Parameters:

licensPlate - vehicles new licens plate

toString

```
public java.lang.String toString()
```

Return all information

Returns:

all information

tweakmc.model Class VehicleCatalog

java.lang.Object

└─tweakmc.model.VehicleCatalog

All Implemented Interfaces:

java.io.Serializable

public class **VehicleCatalog**
extends java.lang.Object
implements java.io.Serializable

Send and receive orders from/to DB about Vehicle

Method Summary

| | |
|--|--|
| boolean | <u>attachOwner</u> (java.lang.String vehicleID, java.lang.String ownerID, int active) Attach owner to a vehicle |
| boolean | <u>deleteVehicle</u> (java.lang.String vehicleID) Delete a vehicle |
| boolean | <u>editVehicle</u> (java.lang.String vehicleID, java.lang.String vType, java.lang.String brand, java.lang.String model, int vYear, java.lang.String chassisNumber, java.lang.String licensPlate) Edit the non null paramters in the choosen vehicle (recognized by vehicleID) |
| boolean[] | <u>getActiveNess</u> () Search for a vehicle and the owners attached |
| static <u>VehicleCatalog</u> | <u>getInstance</u> () Singleton pattern |
| java.lang.String | <u>getVehicleAndNameLine</u> (java.lang.String vehicleID) Get then brand on a vehicle and the evt. |
| boolean | <u>makeNewVehicle</u> (java.lang.String vType, java.lang.String brand, java.lang.String model, int vYear, java.lang.String chassisNumber, java.lang.String licensPlate) Create a new vehicle |
| java.util.List | <u>searchVehicle</u> (java.lang.Object searchCriteria) Search for a vehicle by the given criterias |
| java.util.List | <u>searchVehicleWithOwner</u> (java.lang.String vehicleID) |
| java.util.List | <u>superSearchVehicleWithOwner</u> (java.lang.String vehicleID) Search for a Vehicle and the owners |

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Methods

getInstance

```
public static VehicleCatalog getInstance()
```

Singleton pattern

Returns:

instance of OwnerContainer

searchVehicle

```
public java.util.List searchVehicle(java.lang.Object searchCriteria)
```

Search for a vehicle by the given criterias

Parameters:

searchCriteriaString - if its text

searchCriteriaInt - if its an int

Returns:

Array with the founds or null

superSearchVehicleWithOwner

```
public java.util.List superSearchVehicleWithOwner(java.lang.String vehicleID)
```

Search for a Vehicle and the owners

Parameters:

vehicleID - vehicles id for search

Returns:

List with owners

searchVehicleWithOwner

```
public java.util.List searchVehicleWithOwner(java.lang.String vehicleID)
```

makeNewVehicle

```
public boolean makeNewVehicle(java.lang.String vType,  
    java.lang.String brand,  
    java.lang.String model,  
    int vYear,  
    java.lang.String chassisNumber,  
    java.lang.String licensPlate)
```

Create a new vehicle

Parameters:

vType - of vehicle

brand - of vehicle

model - of vehicle

(continued from last page)

vYear - of vehicle
chassisNumber - of vehicle could be null
licensPlate - of vehicle could be null

Returns:

true if created else false

editVehicle

```
public boolean editVehicle(java.lang.String vehicleID,  
    java.lang.String vType,  
    java.lang.String brand,  
    java.lang.String model,  
    int vYear,  
    java.lang.String chassisNumber,  
    java.lang.String licensPlate)
```

Edit the non null paramters in the choosen vehicle (recognized by vehicleID)

Parameters:

vehicleID - of vehicle there have to be edited
vType - new vType or null
brand - new brand or null
model - new model or null
vYear - new vYear or null
chassisNumber - new chassisNumber or null
licensPlate - new licensPlate or null

Returns:

true if edited else false

attachOwner

```
public boolean attachOwner(java.lang.String vehicleID,  
    java.lang.String ownerID,  
    int active)
```

Attach owner to a vehicle

Parameters:

vehicleID - on vehicle
ownerID - on owner
active - 1 for active - 0 for inactive

Returns:

true if attached else false

deleteVehicle

```
public boolean deleteVehicle(java.lang.String vehicleID)
```

Delete a vehicle

Parameters:

vehicleID - on vehicle

Returns:

true if deleted else false

(continued from last page)

getVehicleAndNameLine

```
public java.lang.String getVehicleAndNameLine(java.lang.String vehicleID)
```

Get then brand on a vehicle and the evt. owner

Parameters:

vehicleID - to get information from

Returns:

String with the requested information if found else NULL

getActiveNess

```
public boolean[] getActiveNess()
```

Search for a vehicle and the owners attached

Parameters:

vehicleID - vehicle id for search

Returns:

List with owners the found vehicle belongs to

tweakmc.model Class Workstation

```
java.lang.Object
|
+--tweakmc.model.Workstation
```

```
public class Workstation
extends java.lang.Object
```

Create a workstation for use then working on a vehicle in an order

Constructor Summary

| | |
|--------|--|
| public | <code>Workstation</code> (java.lang.String workstationID, java.lang.String workstationName) Create an instance of a workstation |
|--------|--|

Method Summary

| | |
|------------------|---|
| java.lang.String | <code>getWorkstationID</code> () Get the ID of a workstation |
| java.lang.String | <code>getWorkstationName</code> () Get the name of a workstation |
| void | <code>setWorkstationID</code> (java.lang.String workstationID) Set the ID on a workstation |
| void | <code>setWorkstationName</code> (java.lang.String workstationName) Set the name on a workstation |

Methods inherited from class java.lang.Object

`clone`, `equals`, `finalize`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`, `wait`

Constructors

Workstation

```
public Workstation(java.lang.String workstationID,
                   java.lang.String workstationName)
```

Create an instance of a workstation

Parameters:

`workstationID` - to identify workstation
`workstationName` - of the workstation

Methods

(continued from last page)

getWorkstationID

```
public java.lang.String getWorkstationID()
```

Get the ID of a workstation

Returns:

the ID

setWorkstationID

```
public void setWorkstationID(java.lang.String workstationID)
```

Set the ID on a workstation

Parameters:

workstationID - for the station

getWorkstationName

```
public java.lang.String getWorkstationName()
```

Get the name of a workstation

Returns:

the name of the station

setWorkstationName

```
public void setWorkstationName(java.lang.String workstationName)
```

Set the name on a workstation

Parameters:

workstationName - of the station

tweakmc.model

Class WorkstationCatalog

java.lang.Object

└─tweakmc.model.WorkstationCatalog

public class **WorkstationCatalog**
extends java.lang.Object

Create a catalog for workstations

Method Summary

| | |
|--|--|
| boolean | editWorkstation (java.lang.String id, java.lang.String name) Change the name on a workstation |
| static WorkstationCatalog | getInstance () Provide a instance of workstationcatalog for use the altering or getting information about a workstation |
| java.lang.String | getWorkstationName (java.lang.String id) Get the name for a workstation |

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Methods

getInstance

public static [WorkstationCatalog](#) **getInstance**()

Provide a instance of workstationcatalog for use the altering or getting information about a workstation

Returns:

instance of workstation

editWorkstation

public boolean **editWorkstation**(java.lang.String id, java.lang.String name)

Change the name on a workstation

Parameters:

id - on the station to change name on
name - new name for workstation

Returns:

true is changed else false

getWorkstationName

```
public java.lang.String getWorkstationName(java.lang.String id)
```

Get the name for a workstation

Parameters:

id - workstation id to get name for

Returns:

String with name if found else NULL

Package

tweakmc.model.Measurement

tweakmc.model.Measurement Class Calculation

```
java.lang.Object
├─tweakmc.model.Measurement.Measurement
│   └─tweakmc.model.Measurement.Calculation
```

All Implemented Interfaces:

java.io.Serializable

```
public class Calculation
extends Measurement
implements java.io.Serializable
```

This is the calculations in the whiteboards. It's a kind of a measurement

Constructor Summary

| | |
|--------|--|
| public | Calculation() Constructor for Calculation |
|--------|--|

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructors

Calculation

```
public Calculation()
    Constructor for Calculation
```

tweakmc.model.Measurement

Class Letter

```

java.lang.Object
  |
  +- tweakmc.model.Measurement.Measurement
    |
    +- tweakmc.model.Measurement.Letter
  
```

All Implemented Interfaces:

```
java.io.Serializable
```

```

public class Letter
extends Measurement
implements java.io.Serializable
  
```

This is a type of a measurement for the whiteboards

Field Summary

| | |
|-----------|-----------------------------------|
| protected | letterMeasurement |
|-----------|-----------------------------------|

Constructor Summary

| | |
|--------|--|
| public | Letter (java.lang.String letterMeasurement) Constructor for letterMeasurement |
|--------|--|

Methods inherited from class java.lang.Object

```
clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait
```

Fields

letterMeasurement

```
protected java.lang.String letterMeasurement
```

Constructors

Letter

```
public Letter(java.lang.String letterMeasurement)
```

Constructor for letterMeasurement

Parameters:

letterMeasurement - letter on measurement

tweakmc.model.Measurement

Class Measurement

java.lang.Object

└─tweakmc.model.Measurement.Measurement

Direct Known Subclasses:

[Number](#), [Calculation](#), [Letter](#)

```
public class Measurement
extends java.lang.Object
```

This is a measurement for the whiteboards

Constructor Summary

| | |
|--------|---|
| public | Measurement () Constructor for Measurement |
|--------|---|

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructors

Measurement

```
public Measurement()
```

Constructor for Measurement

tweakmc.model.Measurement

Class Number

```

java.lang.Object
  |
+- tweakmc.model.Measurement.Measurement
    |
    +- tweakmc.model.Measurement.Number
  
```

All Implemented Interfaces:

java.io.Serializable

public class **Number**
 extends [Measurement](#)
 implements java.io.Serializable

This is a type of a measurement in the whiteboards

Field Summary

| | |
|-----------|-----------------------------------|
| protected | numberMeasurement |
|-----------|-----------------------------------|

Constructor Summary

| | |
|--------|--|
| public | Number (float numberMeasurement) Constructor for Number |
|--------|--|

Method Summary

| | |
|-------|--|
| float | getNumber () Return the number on measurement |
|-------|--|

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Fields

numberMeasurement

protected float **numberMeasurement**

Constructors

Number

public **Number**(float numberMeasurement)

Constructor for Number

(continued from last page)

Parameters:

numberMeasurement - number on measurement

Methods

getNumber

```
public float getNumber()
```

Return the number on measurement

Returns:

number on measurement

Package

tweakmc.model.Result

tweakmc.model.Result

Class Result

java.lang.Object

└─tweakmc.model.Result.Result

All Implemented Interfaces:

java.io.Serializable

public class **Result**
 extends java.lang.Object
 implements java.io.Serializable

Creating a result for a Vehicle. Types of result are UserDefinedSpreadsheets, documents, image, videos, sounds and whiteboards

Constructor Summary

| | |
|--------|---|
| public | Result (java.lang.String resultID, java.lang.String mechanicComment, java.lang.String customerComment, java.lang.String resultName, java.lang.String timeStamp, java.lang.String resultType, java.lang.String path, java.lang.String vehicleID, java.lang.String workstationID, java.lang.String orderID, java.lang.String whiteboardID) Build up a already existing result to edit or delete for and order and a vehicle, referring to the place in the filefolder or in the DB |
| public | Result (java.lang.String mechanicComment, java.lang.String customerComment, java.lang.String resultName, java.lang.String resultType, java.lang.String path, java.lang.String vehicleID, java.lang.String workstationID, java.lang.String orderID, java.lang.String whiteboardID) Buil a new Result for an Vehicle and order |

Method Summary

| | |
|------------------|--|
| java.lang.String | getCustomerComment() Get the customercomment |
| java.lang.String | getMechanicComment() Get mechaniccomment |
| java.lang.String | getOrderID() Get the orderID |
| java.lang.String | getPath() Get the path where this file is saved |
| java.lang.String | getResultID() Get resultID |
| java.lang.String | getResultName() Get the name of the result, set by the user |
| java.lang.String | getResultType() Get the type of this result |

| | |
|------------------|--|
| java.lang.String | <u>getTimeStamp()</u> Get the date and time then this result is created |
| java.lang.String | <u>getVehicleID()</u> Get the vehicleid for this result |
| java.lang.String | <u>getWhiteboardID()</u> Return the ID ont his whiteboard |
| java.lang.String | <u>getWorkstationID()</u> Get the worktationID for this result |
| void | <u>setCustomerComment()</u> (java.lang.String customerComment) Set the customercomment |
| void | <u>setMechanicComment()</u> (java.lang.String mechanicComment) Set mechaniccomments |
| void | <u>setOrderID()</u> (java.lang.String orderID) Set the orderID |
| void | <u>setPath()</u> (java.lang.String path) Set the path where this file is saved |
| void | <u>setResultID()</u> (java.lang.String resultID) Set resultID |
| void | <u>setResultName()</u> (java.lang.String resultName) Set resultName, can be changed by user |
| void | <u>setResultType()</u> (java.lang.String resultType) Set the type of this result |
| void | <u>setVehicleID()</u> (java.lang.String vehicleID) Set the actual vehicleID for this result |
| void | <u>setWhiteboardID()</u> (java.lang.String whiteboardID) set the ID for this whiteboard |
| void | <u>setWorkstationID()</u> (java.lang.String workstationID) Set the workstationID for this result |
| java.lang.String | <u>toString()</u> Return the names of the result as a string formatted: date ("dd-MM-yyyy @ HH:mm ") + name |

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructors

(continued from last page)

Result

```
public Result( java.lang.String resultID,
                java.lang.String mechanicComment,
                java.lang.String customerComment,
                java.lang.String resultName,
                java.lang.String timeStamp,
                java.lang.String resultType,
                java.lang.String path,
                java.lang.String vehicleID,
                java.lang.String workstationID,
                java.lang.String orderID,
                java.lang.String whiteboardID)
```

Build up a already existing result to edit or delete for and order and a vehicle, referring to the place in the filefolder or in the DB

Parameters:

resultID - the of the result
 mechanicComment - info for mechanic
 customerComment - info for customer and mechanic
 resultName - of the result, added by user
 timeStamp - of the result, added by the system
 resultType - is what kind of result
 path - if the result is anything else than a whiteboard the path for file shpuld be here else null
 vehicleID - on the vehicle who should have this result assignt
 workstationID - on the workstation where the result is done
 orderID - the act order this Result is about
 whiteboardID - if result is a whiteboard the whiteboardID should be here else null

Result

```
public Result( java.lang.String mechanicComment,
                java.lang.String customerComment,
                java.lang.String resultName,
                java.lang.String resultType,
                java.lang.String path,
                java.lang.String vehicleID,
                java.lang.String workstationID,
                java.lang.String orderID,
                java.lang.String whiteboardID)
```

Buil a new Result for an Vehicle and order

Parameters:

mechanicComment - info for mechanic
 customerComment - info for customer and mechanic
 resultName - of the result, added by user
 resultType - is what kind of result
 path - if the result is anything else than a whiteboard the path for file shpuld be here else null
 vehicleID - on the vehicle who should have this result assignt
 workstationID - on the workstation where the result is done
 orderID - the act order this Result is about
 whiteboardID - if result is a whiteboard the whiteboardID should be here else null

Methods

getResultID

```
public java.lang.String getResultID()
```

(continued from last page)

Get resultID

Returns:

String with resultID

setResultID

```
public void setResultID(java.lang.String resultID)
```

Set resultID

Parameters:

resultID

getCustomerComment

```
public java.lang.String getCustomerComment()
```

Get the customercomment

Returns:

customercomment with timestamp

setCustomerComment

```
public void setCustomerComment(java.lang.String customerComment)
```

Set the customercomment

Parameters:

customerComment

getMechanicComment

```
public java.lang.String getMechanicComment()
```

Get mechaniccomment

Returns:

mechaniccomment with timestamp

setMechanicComment

```
public void setMechanicComment(java.lang.String mechanicComment)
```

Set mechaniccomments

Parameters:

mechanicComment

getResultName

```
public java.lang.String getResultName()
```

Get the name of the result, set by the user

Returns:

the name of the result with the timestamp for creation of the result

setResultName

```
public void setResultName(java.lang.String resultName)
```

Set resultName, can be changed by user

Parameters:

resultName - name of the result

getResultType

```
public java.lang.String getResultType()
```

Get the type of this result

Returns:

the type

setResultType

```
public void setResultType(java.lang.String resultType)
```

Set the type of this result

Parameters:

resultType - actual result type

getVehicleID

```
public java.lang.String getVehicleID()
```

Get the vehicleid for this result

Returns:

actual vehicleID

setVehicleID

```
public void setVehicleID(java.lang.String vehicleID)
```

Set the actual vehicleID for this result

Parameters:

vehicleID - to be added for this result

getWorkstationID

```
public java.lang.String getWorkstationID()
```

Get the worktationID for this result

Returns:

actualworkstationID for this result

setWorkstationID

```
public void setWorkstationID(java.lang.String workstationID)
```

(continued from last page)

Set the workstationID for this result

Parameters:

workstationID - been used for this Result

setOrderID

```
public void setOrderID(java.lang.String orderID)
```

Set the orderID

Parameters:

orderID

getOrderID

```
public java.lang.String getOrderID()
```

Get the orderID

Returns:

orderID

getTimeStamp

```
public java.lang.String getTimeStamp()
```

Get the date and time then this result is created

Returns:

a timestamp in the format yyyyMMddHHmm

getPath

```
public java.lang.String getPath()
```

Get the path where this file is saved

Returns:

the complete path

setPath

```
public void setPath(java.lang.String path)
```

Set the path where this file is saved

Parameters:

path - place to save file

getWhiteboardID

```
public java.lang.String getWhiteboardID()
```

Return the ID ont his whiteboard

Returns:

id

setWhiteboardID

```
public void setWhiteboardID(java.lang.String whiteboardID)
```

set the ID for this whiteboard

Parameters:

whiteboardID - to set for this whiteboard

toString

```
public java.lang.String toString()
```

Return the names of the result as a string formatted: date ("dd-MM-yyyy @ HH:mm | ") + name

Returns:

string with name for result

tweakmc.model.Result Class ResultCatalog

java.lang.Object

└--tweakmc.model.Result.ResultCatalog

All Implemented Interfaces:

java.io.Serializable

public class **ResultCatalog**
extends java.lang.Object
implements java.io.Serializable

This is the catalog for the results. It will create spreadsheets and you're able to get results from this class

Method Summary

| | |
|--------------------------------------|--|
| boolean | createNewSpreadsheetResult (javax.swing.JTable tableToSave, java.lang.String mechanicComment, java.lang.String customerComment, java.lang.String resultName, java.lang.String vehicleID, java.lang.String workstationID, java.lang.String orderID) This method creates a new spreadsheet-result |
| boolean | createNewUploadResult (java.lang.String originalDestination, java.lang.String mechanicComment, java.lang.String customerComment, java.lang.String resultName, java.lang.String resultType, java.lang.String vehicleID, java.lang.String workstationID, java.lang.String orderID, java.lang.String whiteboardID) Create a new result in Database |
| static ResultCatalog | getInstance () Singleton method for ResultCatlaog |
| java.util.Vector | getResultFromIDs (java.lang.String vehicleID, java.lang.String workstationID) Return a vector with found result for given IDs |

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Methods

getInstance

public static [ResultCatalog](#) **getInstance**()

Singleton method for ResultCatlaog

Returns:

ONE instance of ResultCatalog

(continued from last page)

createNewUploadResult

```
public boolean createNewUploadResult(java.lang.String orignalDestination,  
    java.lang.String mechanicComment,  
    java.lang.String customerComment,  
    java.lang.String resultName,  
    java.lang.String resultType,  
    java.lang.String vehicleID,  
    java.lang.String workstationID,  
    java.lang.String orderID,  
    java.lang.String whiteboardID)
```

Create a new result in Database

Parameters:

resultType - wich result to create

Returns:

true if created else false

createNewSpreadsheetResult

```
public boolean createNewSpreadsheetResult(javax.swing.JTable tableToSave,  
    java.lang.String mechanicComment,  
    java.lang.String customerComment,  
    java.lang.String resultName,  
    java.lang.String vehicleID,  
    java.lang.String workstationID,  
    java.lang.String orderID)
```

This method creates a new spreadsheet-result

Parameters:

tableToSave
mechanicComment
customerComment
resultName
vehicleID
workstationID
orderID

Returns:

boolean

getResultFromIDs

```
public java.util.Vector getResultFromIDs(java.lang.String vehicleID,  
    java.lang.String workstationID)
```

Return a vector with found result for given IDs

Parameters:

vehicleID - to find result for
workstationID - to find result for

Returns:

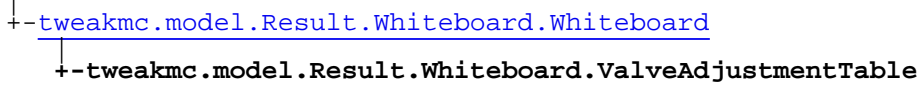
Vector with result or NULL

Package

tweakmc.model.Result.Whiteboard

tweakmc.model.Result.Whiteboard Class ValveAdjustmentTable

java.lang.Object



All Implemented Interfaces:

java.io.Serializable, java.io.Serializable

```

public class ValveAdjustmentTable
extends Whiteboard
implements java.io.Serializable, java.io.Serializable
  
```

This class is the template for the Valve-adjustment table. It's serializable since it's possible to write it to a file

Constructor Summary

| | |
|--------|--|
| public | ValveAdjustmentTable (java.lang.String mechanicComment, java.lang.String customerComment, java.lang.String[] cylinderNo, java.lang.String[] cylinderPos, java.lang.String[] inArray, java.lang.String[] tollArray, java.lang.String[] diffArray, java.lang.String[] shimArray, java.lang.String[] newShimArray, java.lang.String vehicleID, java.lang.String workstationID, java.lang.String orderID) Constructor for valveadjustment table |
|--------|--|

Method Summary

| | |
|--------------------|--|
| java.lang.String[] | getCylinderNo () Return all cylinder numbers |
| java.lang.String[] | getCylinderPos () Return all cylinder positions |
| java.lang.String[] | getDiffArray () return all differences on cylinders |
| java.lang.String[] | getInArray () return all in values on cylinders |
| java.lang.String[] | getNewShimArray () return all newShims on cylinders |
| java.lang.String | getOrderID () Return orderID on table |
| java.lang.String | getResultID () Return the table ID |
| java.lang.String[] | getShimArray () return all shims on cylinders |
| java.lang.String | getTimeStamp () Get the date and time then this result is created |

| | |
|--------------------|--|
| java.lang.String[] | getTollArray() Return the tollerance on cylinders |
| java.lang.String | getVehicleID() Return vehicleID on table |
| java.lang.String | getWorkstationID() Return workstationID on table |
| void | setResultID() (java.lang.String resultID) |

Methods inherited from class [tweakmc.model.Result.Whiteboard.Whiteboard](#)

[getCustomerComment](#), [getMechanicComment](#)

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructors

ValveAdjustmentTable

```
public ValveAdjustmentTable(java.lang.String mechanicComment,
                           java.lang.String customerComment,
                           java.lang.String[] cylinderNo,
                           java.lang.String[] cylinderPos,
                           java.lang.String[] inArray,
                           java.lang.String[] tollArray,
                           java.lang.String[] diffArray,
                           java.lang.String[] shimArray,
                           java.lang.String[] newShimArray,
                           java.lang.String vehicleID,
                           java.lang.String workstationID,
                           java.lang.String orderID)
```

Constructor for valveadjustment table

Parameters:

mechanicComment - mechanicComment is a comment set by the user for internal use in the company
customerComment - customerComment is a comment set by the user to be shown to the owner (customer)
cylinderNo - cylinder numbers on table
cylinderPos - cylinder positions on cylinder numbers
inArray - in value on cylinders
tollArray - tollerance on cylinders
diffArray - difference on cylinders
shimArray - shim on cylinders
newShimArray - new shim on cylinders

Methods

getVehicleID

```
public java.lang.String getVehicleID()
```

Return vehicleID on table

(continued from last page)

Returns:

vehicleId on table

getWorkstationID

```
public java.lang.String getWorkstationID()
```

Return workstationID on table

Returns:

workstationID on table

getOrderID

```
public java.lang.String getOrderID()
```

Return orderID on table

Returns:

orderID on table

getCylinderNo

```
public java.lang.String[] getCylinderNo()
```

Return all cylinder numbers

Returns:

all cylinder numbers

getCylinderPos

```
public java.lang.String[] getCylinderPos()
```

Return all cylinder positions

Returns:

all cylinder positions

getDiffArray

```
public java.lang.String[] getDiffArray()
```

return all differences on cylinders

Returns:

all differences on cylinders

getInArray

```
public java.lang.String[] getInArray()
```

return all in values on cylinders

Returns:

all in values on cylinders

getNewShimArray

```
public java.lang.String[] getNewShimArray()
```

return all newShims on cylinders

Returns:

all newshims on cylinders

getShimArray

```
public java.lang.String[] getShimArray()
```

return all shims on cylinders

Returns:

all shims on cylinders

getResultID

```
public java.lang.String getResultID()
```

Return the table ID

Returns:

setResultID

```
public void setResultID(java.lang.String resultID)
```

getTollArray

```
public java.lang.String[] getTollArray()
```

Return the tollerance on cylinders

Returns:

all tollerances on cylinders

getTimeStamp

```
public java.lang.String getTimeStamp()
```

Get the date and time then this result is created

Returns:

a timestamp in the format yyyyMMddHHmm

tweakmc.model.Result.Whiteboard

Class Whiteboard

java.lang.Object
└─tweakmc.model.Result.Whiteboard.Whiteboard

All Implemented Interfaces:

java.io.Serializable

Direct Known Subclasses:

[ValveAdjustmentTable](#)

```
public class Whiteboard
  extends java.lang.Object
  implements java.io.Serializable
```

This class is the template for the whiteboards It's serializable since it's possible to store to a file

Constructor Summary

| | |
|--------|---|
| public | Whiteboard (java.lang.String mechanicComment, java.lang.String customerComment) Constructor for whiteboard |
|--------|---|

Method Summary

| | |
|------------------|--|
| java.lang.String | getCustomerComment () Return customer comment |
| java.lang.String | getMechanicComment () return mechanic comment |

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructors

Whiteboard

```
public Whiteboard( java.lang.String mechanicComment,
                  java.lang.String customerComment )
```

Constructor for whiteboard

Parameters:

mechanicComment
customerComment

Methods

(continued from last page)

getMechanicComment

```
public java.lang.String getMechanicComment()
```

return mechanic comment

Returns:

mechanic comment

getCustomerComment

```
public java.lang.String getCustomerComment()
```

Return customer comment

Returns:

customer comment

tweakmc.model.Result.Whiteboard Class WhiteboardCatalog

java.lang.Object

└─tweakmc.model.Result.Whiteboard.WhiteboardCatalog

All Implemented Interfaces:

java.io.Serializable

```
public class WhiteboardCatalog
  extends java.lang.Object
  implements java.io.Serializable
```

This class is the catalog for WhiteBoards. It's possible to create WhiteBoards with the class.

Method Summary

| | |
|---|--|
| static WhiteboardCatalog | getInstance() Singleton method for whiteboardCatalog |
| boolean | makeNewValveAdjustmentWhiteboard (java.lang.String mechanicComment, java.lang.String customerComment, java.lang.String[] cylinderNo, java.lang.String[] cylinderPos, java.lang.String[] inArray, java.lang.String[] tollArray, java.lang.String[] diffArray, java.lang.String[] shimArray, java.lang.String[] newShimArray, java.lang.String vehicleID, java.lang.String workstationID, java.lang.String orderID) Create a new valveAdjustment table whiteboard |

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Methods

getInstance

```
public static WhiteboardCatalog getInstance()
```

Singleton method for whiteboardCatalog

Returns:

whiteboardCatalog

(continued from last page)

makeNewValveAdjustmentWhiteboard

```
public boolean makeNewValveAdjustmentWhiteboard( java.lang.String mechanicComment,
    java.lang.String customerComment,
    java.lang.String[] cylinderNo,
    java.lang.String[] cylinderPos,
    java.lang.String[] inArray,
    java.lang.String[] tollArray,
    java.lang.String[] diffArray,
    java.lang.String[] shimArray,
    java.lang.String[] newShimArray,
    java.lang.String vehicleID,
    java.lang.String workstationID,
    java.lang.String orderID)
```

Create a new valveAdjustment table whiteboard

Parameters:

mechanicComment - mechanics comments on table
customerComment - comments on table for customer
cylinderNo - cylinder numbers on table
cylinderPos - cylinder positions on cylinder numbers
inArray - in value on cylinders
tollArray - tollerance on cylinders
diffArray - difference on cylinders
shimArray - shim on cylinders
newShimArray - new shim on cylinders

Returns:

true if created else false

Package

tweakmc.model.spreadsheet

tweakmc.model.spreadsheet

Class Spreadsheet

```
java.lang.Object
```

```
└--tweakmc.model.spreadsheet.Spreadsheet
```

```
public class Spreadsheet
extends java.lang.Object
```

Constructor Summary

| | |
|--------|---|
| public | <u>Spreadsheet()</u> Constructor for spreadsheet, used to create a new instance to spreadsheet, for creation of empty or populated spreadsheet |
|--------|---|

Method Summary

| | |
|--------------------|--|
| javax.swing.JTable | <u>buildJTable</u> (int rows, int columns, java.lang.String[] columnNames) Creates the tabel for the resultset after the users specifies rows and columns |
| javax.swing.JTable | <u>buildPopulatedJTable</u> (javax.swing.JTable tableToSave) Build a new populated spreadsheet for saving as a object thru Objecthandler |

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructors

Spreadsheet

```
public Spreadsheet()
```

Constructor for spreadsheet, used to create a new instance to spreadsheet, for creation of empty or populated spreadsheet

Methods

buildJTable

```
public javax.swing.JTable buildJTable(int rows,
    int columns,
    java.lang.String[] columnNames)
```

Creates the tabel for the resultset after the users specifies rows and columns

Parameters:

```
rows
columns
columnNames
```

(continued from last page)

Returns:

jTable the tabel for containing the

buildPopulatedJTable

```
public javax.swing.JTable buildPopulatedJTable(javax.swing.JTable tableToSave)
```

Buil a new populated spreadsheet for saving as a object thrue Objecthandler

Parameters:

tableToSave - actual table from GUI with data

Returns:

new JTable with data, ready for saving

tweakmc.model.spreadsheet

Class SpreadsheetCatalog

java.lang.Object

└─tweakmc.model.spreadsheet.SpreadsheetCatalog

public class **SpreadsheetCatalog**
extends java.lang.Object

Constructor Summary

| | |
|--------|--------------------------------------|
| public | SpreadsheetCatalog() |
|--------|--------------------------------------|

Method Summary

| | |
|--|---|
| javax.swing.JTable | createSpreadsheet (int rows, int columns, java.lang.String[] coulumnNames) This method creates a spreadsheet |
| javax.swing.JTable | findSelectedSpreadsheet (java.lang.String path) Find and present selected JTable. |
| static SpreadsheetCatalog | getInstance () Singleton constructor |
| boolean | savePopulatedTable (javax.swing.JTable tableToSave, java.lang.String path) This metgod saves the table with the data |

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructors

SpreadsheetCatalog

public **SpreadsheetCatalog**()

Methods

getInstance

public static [SpreadsheetCatalog](#) **getInstance**()

Singleton constructor

(continued from last page)

Returns:instance

createSpreadsheet

```
public javax.swing.JTable createSpreadsheet(int rows,
                                             int columns,
                                             java.lang.String[] columnNames)
```

This method creates a spreadsheet

Parameters:

rows
columns
columnNames

Returns:jTable

savePopulatedTable

```
public boolean savePopulatedTable(javax.swing.JTable tableToSave,
                                    java.lang.String path)
```

This method saves the table with the data

Parameters:

tableToSave
path

Returns:true if saved else false

findSelectedSpreadsheet

```
public javax.swing.JTable findSelectedSpreadsheet(java.lang.String path)
```

Find and present selected JTable. It is returned as Object and must be casted

Parameters:

path - where table is saved

Returns:JTable to manage

Package
tweakmc.utility

tweakmc.utility Class CheckInput

java.lang.Object

└─tweakmc.utility.CheckInput

public class **CheckInput**
extends java.lang.Object

Constructor Summary

| | |
|--------|------------------------------|
| public | CheckInput() |
|--------|------------------------------|

Method Summary

| | |
|----------------|---|
| static boolean | checkAddress (java.lang.String isThisAnAddress) Check if an address is valid Can contain letters and numbers Can not contain special signs |
| static boolean | checkAddress2 (java.lang.String isThisAnAddress2) Check if an address2 is valid Can contain letters and numbers Can not contain special signs |
| static boolean | CheckBankInfo (java.lang.String isThisABankInfo) Can contain numbers, letters and special signs |
| static boolean | checkCityOrCountry (java.lang.String isThisACityOrCountry) Check if an city or country is valid Can only contain letters Can not contain special signs and numbers |
| static boolean | checkCurNo (java.lang.String isThisACurNo) can contain anything |
| static boolean | checkEmail (java.lang.String isThisAnEmail) Check if an email or country is valid Can contain letters, numbers and special signs |
| static boolean | checkFirstName (java.lang.String isThisAName) Check if first name is valid Can contain letters and numbers Can not contain special signs |
| static boolean | checkHomePage (java.lang.String isThisAHomePage) Check if a HomePage is valid Can contain anything Can numers,contain letters and special signs |
| static boolean | checkInitials (java.lang.String initials) Check if login initial is valid Can contain only letters Can not contain special signs or numbers |
| static boolean | checkLastName (java.lang.String isThisALastName) Check if last name is valid Can contain letters and numbers Can not contain special signs |
| static boolean | checkName (java.lang.String isThisAName) check if company name is valid can contain only latters |

| | |
|----------------|---|
| static boolean | <code>checkPhone</code> (java.lang.String isThisAPhone) Check if a phone number is valid Can contain only numbers of 8 digits Can not contain letters and special signs |
| static boolean | <code>checkZip</code> (java.lang.String isThisAZip) Check if a zip is valid Can contain numbers between 3 and 4 characters Can not contain special signs and letters |
| static boolean | <code>compareDates</code> (java.lang.String startDate, java.lang.String endDate) Checks the dates to make sure that endDate cannot be before startDate |
| static boolean | <code>correctYear</code> (java.lang.String yearToCheck) Check if year is correct YYYY (1or2 0or9 0-9 0-9) |
| static boolean | <code>isDouble</code> (java.lang.String isThisAdouble) checks for double |
| static boolean | <code>isInt</code> (java.lang.String isThisAnInt) Checks field for a valid integer |

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructors

CheckInput

```
public CheckInput()
```

Methods

isInt

```
public static boolean isInt(java.lang.String isThisAnInt)
```

Checks field for a valid integer

Parameters:

isThisAnInt - String to check

Returns:

true if integer

isDouble

```
public static boolean isDouble(java.lang.String isThisAdouble)
```

checks for double

Parameters:

isThisAdouble

(continued from last page)

Returns:

checkInitials

```
public static boolean checkInitials(java.lang.String initials)
```

Check if login initial is valid Can contain only letters Can not contain special signs or numbers

Parameters:

initials - string to check

Returns:

true if valid false if not

checkFirstName

```
public static boolean checkFirstName(java.lang.String isThisAName)
```

Check if first name is valid Can contain letters and numbers Can not contain special signs

Parameters:

isThisAName - string to check

Returns:

true if valid false if not

checkLastName

```
public static boolean checkLastName(java.lang.String isThisALastName)
```

Check if last name is valid Can contain letters and numbers Can not contain special signs

Parameters:

isThisALastName - string to check

Returns:

true if valid false if not

checkAddress

```
public static boolean checkAddress(java.lang.String isThisAnAddress)
```

Check if an address is valid Can contain letters and numbers Can not contain special signs

Parameters:

isThisAnAddress - string to check

Returns:

true if valid false if not

checkAddress2

```
public static boolean checkAddress2(java.lang.String isThisAnAddress2)
```

Check if an address2 is valid Can contain letters and numbers Can not contain special signs

Parameters:

(continued from last page)

isThisAnAddress2 - string to check

Returns:

true if valid false if not

checkZip

```
public static boolean checkZip(java.lang.String isThisAZip)
```

Check if a zip is valid Can contain numbers between 3 and 4 characters Can not contain special signs and letters

Parameters:

isThisAZip - string to check

Returns:

true if valid false if not

checkCityOrCountry

```
public static boolean checkCityOrCountry(java.lang.String isThisACityOrCountry)
```

Check if an city or country is valid Can only contain letters Can not contain special signs and numbers

Parameters:

isThisACityOrCountry - string to check

Returns:

true if valid false if not

checkEmail

```
public static boolean checkEmail(java.lang.String isThisAnEmail)
```

Check if an email or country is valid Can contain letters, numbers and special signs

Parameters:

isThisAnEmail - string to check

Returns:

true if valid false if not

checkName

```
public static boolean checkName(java.lang.String isThisAName)
```

check if company name is valid can contain only latters

Parameters:

isThisAName - String to check

Returns:

true if valid false if not

checkCurNo

```
public static boolean checkCurNo(java.lang.String isThisACurNo)
```

can contain anything

(continued from last page)

Parameters:`isThisACurNo` - string to Check**Returns:**true if valid false if not

CheckBankInfo

```
public static boolean CheckBankInfo(java.lang.String isThisABankInfo)
```

Can contain numbers, letters and special signs

Parameters:`isThisABankInfo` - String to check**Returns:**true if valid false

checkPhone

```
public static boolean checkPhone(java.lang.String isThisAPhone)
```

Check if a phone number is valid Can contain only numbers of 8 digits Can not contain letters and special signs

Parameters:`isThisAPhone` - string to check**Returns:**true if valid false if not

checkHomePage

```
public static boolean checkHomePage(java.lang.String isThisAHomePage)
```

Check if a HomePage is valid Can contain anything Can numbers,contain letters and special signs

Parameters:`isThisAHomePage` - string to check**Returns:**true if valid false if not

correctYear

```
public static boolean correctYear(java.lang.String yearToCheck)
```

Check if year is correct YYYY (1or2 0or9 0-9 0-9)

Parameters:`yearToCheck` - if correct**Returns:**true if correct else false

(continued from last page)

compareDates

```
public static boolean compareDates(java.lang.String startDate,  
    java.lang.String endDate)
```

Checks the dates to make sure that endDate cannot be before startDate

Parameters:

startDate

endDate

Returns:

true if startdate > endDate. Else false

tweakmc.utility

Class FileHandlerUtility

java.lang.Object

└─tweakmc.utility.FileHandlerUtility

public class **FileHandlerUtility**
extends java.lang.Object

Constructor Summary

| | |
|--------|--------------------------------------|
| public | FileHandlerUtility() |
|--------|--------------------------------------|

Method Summary

| | |
|----------------------------|--|
| static java.lang.String | getPathExtension (java.lang.String originalDestination) Get the extension on a path |
|----------------------------|--|

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructors

FileHandlerUtility

public **FileHandlerUtility**()

Methods

getPathExtension

public static java.lang.String **getPathExtension**(java.lang.String originalDestination)

Get the extension on a path

Parameters:

originalDestination - to take the extension from

Returns:

the extension to the filename

tweakmc.utility Class FileWriterException

java.lang.Object

└─tweakmc.utility.FileWriterException

public class **FileWriterException**
extends java.lang.Object

Constructor Summary

| | |
|--------|---------------------------------------|
| public | FileWriterException() |
|--------|---------------------------------------|

Method Summary

| | |
|-------------|--|
| static void | writeLogFile (java.lang.String logMessage) Write exceptions to file for error searching |
|-------------|--|

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructors

FileWriterException

public **FileWriterException**()

Methods

writeLogFile

public static void **writeLogFile**(java.lang.String logMessage)

Write exceptions to file for error searching

Parameters:

logMessage - the exception

tweakmc.utility Class GUIHelpUtil

java.lang.Object

└─tweakmc.utility.GUIHelpUtil

public class **GUIHelpUtil**
extends java.lang.Object

Provide GUI with help pop ups for different windows Help GUI to get correct returns until connection is establish thru system

Constructor Summary

| | |
|--------|-------------------------------|
| public | GUIHelpUtil() |
|--------|-------------------------------|

Method Summary

| | |
|----------------|---|
| static void | aboutTweakMC() About, version contact and so on |
| static void | doPdfThings() Create, save and open a pdf |
| static void | helpItem() The help menu item |
| static void | helpLogin() Help pop up window for Login |
| static boolean | openCalculator() Open OS calculator |
| static boolean | previewPDFFiles(java.lang.String path) Tells operating system to open e given PDF file |
| static void | setFocusAndDefaultComponents(javax.swing.JComponent focusComp, javax.swing.JButton defaultButton) Set the components to focus and button to default button |
| static boolean | trySystemLogin(java.lang.String initials) Try if initials is ok for login |
| static boolean | trySystemLogout(java.lang.String initials) Try if initials is ok for logout |

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructors

(continued from last page)

GUIHelpUtil

```
public GUIHelpUtil()
```

Methods

helpLogin

```
public static void helpLogin()
```

Help pop up window for Login

helpItem

```
public static void helpItem()  
    throws java.lang.Exception
```

The help menu item

Throws:

Exception

aboutTweakMC

```
public static void aboutTweakMC()  
    throws java.lang.Exception
```

About, version contact and so on

openCalculator

```
public static boolean openCalculator()
```

Open OS calculator

Returns:

true if open else false

setFocusAndDefaultComponents

```
public static void setFocusAndDefaultComponents(javax.swing.JComponent focusComp,  
    javax.swing.JButton defaultButton)
```

Set the components to focus and button to default button

Parameters:

focusComp - act component

defaultButton - act button

trySystemLogin

```
public static boolean trySystemLogin(java.lang.String initials)
```

Try if initials is ok for login

Parameters:

(continued from last page)

initials - to check

Returns:

true if ok else false

trySystemLogout

```
public static boolean trySystemLogout(java.lang.String initials)
```

Try if initials is ok for logout

Parameters:

initials - to check

Returns:

true if ok else false

doPdfThings

```
public static void doPdfThings()
```

Create, save and open a pdf

previewPDFFiles

```
public static boolean previewPDFFiles(java.lang.String path)
```

Tells operating system to open e given PDF file

Parameters:

path

Returns:

true / false

tweakmc.utility Class Mail

java.lang.Object

└─tweakmc.utility.Mail

```
public class Mail
extends java.lang.Object
```

Define Gmail properties, and has the responsibility to send email

Field Summary

| | |
|---------------|------------------------------|
| public static | MAIL_CC |
| public static | MAIL_TO |
| public static | MESSAGE_SEND |

Constructor Summary

| | |
|--------|------------------------|
| public | Mail() |
|--------|------------------------|

Method Summary

| | |
|------|--|
| void | mail() This method sends emails (phew!) |
|------|--|

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Fields

MESSAGE_SEND

```
public static java.lang.String MESSAGE_SEND
```

MAIL_TO

```
public static java.lang.String MAIL_TO
```

(continued from last page)

MAIL_CC

```
public static java.lang.String MAIL_CC
```

Constructors

Mail

```
public Mail()
```

Methods

mail

```
public void mail()  
    throws java.lang.Exception
```

This method sends emails (phew!)

Throws:

Exception

tweakmc.utility Class OrderPDF

java.lang.Object

└─tweakmc.utility.OrderPDF

public class **OrderPDF**
extends java.lang.Object

Creates and saves the pdf file from the variables recieved from the OrderGUI. The design of the PDF are defined below.

Field Summary

| | |
|---------------|--------------------------------|
| public static | endDate |
| public static | orderDesc |
| public static | orderId |
| public static | orderSpareDesc |
| public static | orderType |
| public static | priceEstamate |
| public static | startDate |
| public static | vehicleID |

Constructor Summary

| | |
|--------|----------------------------|
| public | OrderPDF() |
|--------|----------------------------|

Method Summary

| | |
|----------------|---|
| static boolean | run() Creates the pdf document with the given values |
|----------------|---|

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Fields

(continued from last page)

orderID

```
public static java.lang.String orderID
```

orderType

```
public static java.lang.String orderType
```

startDate

```
public static java.lang.String startDate
```

endDate

```
public static java.lang.String endDate
```

orderDesc

```
public static java.lang.String orderDesc
```

orderSpareDesc

```
public static java.lang.String orderSpareDesc
```

priceEstamate

```
public static java.lang.String priceEstamate
```

vehicleID

```
public static java.lang.String vehicleID
```

Constructors

OrderPDF

```
public OrderPDF()
```

Methods

(continued from last page)

run

```
public static boolean run()
```

Creates the pdf document with the given values

Returns:

tweakmc.utility Class StartupTest

java.lang.Object

└─tweakmc.utility.StartupTest

public class **StartupTest**
extends java.lang.Object

Constructor Summary

| | |
|--------|--|
| public | StartupTest() Constructor of StartupTest. |
|--------|--|

Method Summary

| | |
|---------------------|--|
| java.lang.Class | chooseDriver() This method will choose a driver or throw an exception |
| boolean | createAndExecutesSQLStatement() This method will check if the database is updated to the latest revision or throw an exception |
| void | outputErrors() (java.lang.String exceptionMessage, java.lang.String moreDetailsOnError) This method will print the errors to the console and the log-file |
| java.sql.Connection | setDbConnection() This method will establish an connection to the database or throw an exception |
| java.sql.Driver | setDriverClass() This method sets the driver-class or throws an exception |
| boolean | startupTests() This method consists of try-catches which will go through procedures which we have found out could return in an exception Each exception will have further details printed to the console using the outputErrors method. |

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructors

StartupTest

public **StartupTest()**

Constructor of StartupTest. In this case everything is just received from the DBHandler

(continued from last page)

Methods

startUpTests

```
public boolean startUpTests()
```

This method consists of try-catches which will go through procedures which we have found out could return in an exception. Each exception will have further details printed to the console using the `outputErrors` method. Returns true if everything went well.

Returns:

boolean

setDriverClass

```
public java.sql.Driver setDriverClass()  
    throws java.sql.SQLException
```

This method sets the driver-class or throws an exception

Returns:

Driver

Throws:

SQLException

chooseDriver

```
public java.lang.Class chooseDriver()  
    throws java.lang.ClassNotFoundException
```

This method will choose a driver or throw an exception

Returns:

Class

Throws:

ClassNotFoundException

setDbConnection

```
public java.sql.Connection setDbConnection()  
    throws java.sql.SQLException
```

This method will establish a connection to the database or throw an exception

Returns:

Connection

Throws:

SQLException

createAndExecuteSQLStatement

```
public boolean createAndExecuteSQLStatement()  
    throws java.sql.SQLException
```

This method will check if the database is updated to the latest revision or throw an exception

(continued from last page)

Returns:

boolean

Throws:SQLException

outputErrors

```
public void outputErrors(java.lang.String exceptionMessage,  
    java.lang.String moreDetailsOnError)
```

This method will print the errors to the console and the log-file

Parameters:

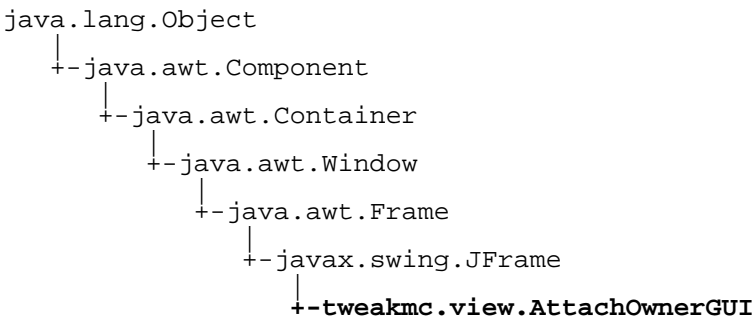
exceptionMessage

moreDetailsOnError

Package
tweakmc.view

tweakmc.view

Class AttachOwnerGUI



All Implemented Interfaces:
java.io.Serializable, java.awt.MenuContainer, java.awt.image.ImageObserver, javax.accessibility.Accessible, java.awt.MenuContainer, javax.swing.TransferHandler.HasGetTransferHandler, javax.swing.RootPaneContainer, javax.accessibility.Accessible, javax.swing.WindowConstants

public class **AttachOwnerGUI**
extends javax.swing.JFrame

| Fields inherited from class javax.swing.JFrame | |
|--|--|
| accessibleContext, EXIT_ON_CLOSE, rootPane, rootPaneCheckingEnabled | |
| Fields inherited from class java.awt.Frame | |
| CROSSHAIR_CURSOR, DEFAULT_CURSOR, E_RESIZE_CURSOR, HAND_CURSOR, ICONIFIED, MAXIMIZED_BOTH, MAXIMIZED_HORIZ, MAXIMIZED_VERT, MOVE_CURSOR, N_RESIZE_CURSOR, NE_RESIZE_CURSOR, NORMAL, NW_RESIZE_CURSOR, S_RESIZE_CURSOR, SE_RESIZE_CURSOR, SW_RESIZE_CURSOR, TEXT_CURSOR, W_RESIZE_CURSOR, WAIT_CURSOR | |
| Fields inherited from class java.awt.Component | |
| BOTTOM_ALIGNMENT, CENTER_ALIGNMENT, LEFT_ALIGNMENT, RIGHT_ALIGNMENT, TOP_ALIGNMENT | |
| Fields inherited from interface java.awt.image.ImageObserver | |
| ABORT, ALLBITS, ERROR, FRAMEBITS, HEIGHT, PROPERTIES, SOMEBITS, WIDTH | |
| Fields inherited from interface javax.swing.WindowConstants | |
| DISPOSE_ON_CLOSE, DO_NOTHING_ON_CLOSE, EXIT_ON_CLOSE, HIDE_ON_CLOSE | |

| Method Summary | |
|---------------------------------------|---|
| void | enterSearchDetails (java.lang.String searchCriteria) This method ask the controller-layer to perform a search for an owner Search results are set from the results of the controller-layer as multiple lists of Owner-objects, strings and ints. |
| static AttachOwnerGUI | getInstance (java.lang.String vehicleID) Singleton method for AttachOwnerGUI |

| | |
|-------------|--|
| static void | main (java.lang.String[] args) |
| void | searchOwner () Search for a Owner |

Methods inherited from class javax.swing.JFrame

addImpl, createRootPane, frameInit, getAccessibleContext, getContentPane, getDefaultCloseOperation, getGlassPane, getGraphics, getJMenuBar, getLayeredPane, getRootPane, getTransferHandler, isDefaultLookAndFeelDecorated, isRootPaneCheckingEnabled, paramString, processWindowEvent, remove, repaint, setContentPane, setDefaultCloseOperation, setDefaultCloseOperation, setGlassPane, setIconImage, setJMenuBar, setLayeredPane, setLayout, setRootPane, setRootPaneCheckingEnabled, setTransferHandler, update

Methods inherited from class java.awt.Frame

addNotify, getAccessibleContext, getCursorType, getExtendedState, getFrames, getIconImage, getMaximizedBounds, getMenuBar, getState, getTitle, isResizable, isUndecorated, paramString, remove, removeNotify, setCursor, setExtendedState, setIconImage, setMaximizedBounds, setMenuBar, setResizable, setState, setTitle, setUndecorated

Methods inherited from class java.awt.Window

addNotify, addPropertyChangeListener, addPropertyChangeListener, addWindowFocusListener, addWindowListener, addWindowStateListener, applyResourceBundle, applyResourceBundle, createBufferStrategy, createBufferStrategy, dispose, getAccessibleContext, getBufferStrategy, getFocusableWindowState, getFocusCycleRootAncestor, getFocusOwner, getFocusTraversalKeys, getGraphicsConfiguration, getIconImages, getInputContext, getListeners, getLocale, getModalExclusionType, getMostRecentFocusOwner, getOwnedWindows, getOwner, getOwnerlessWindows, getToolkit, getWarningString, getWindowFocusListeners, getWindowListeners, getWindows, getWindowStateListeners, hide, isActive, isAlwaysOnTop, isAlwaysOnTopSupported, isFocusableWindow, isFocusCycleRoot, isFocused, isLocationByPlatform, isShowing, pack, paint, postEvent, processEvent, processWindowEvent, processWindowFocusEvent, processWindowStateEvent, removeNotify, removeWindowFocusListener, removeWindowListener, removeWindowStateListener, reshape, setAlwaysOnTop, setBounds, setBounds, setCursor, setFocusableWindowState, setFocusCycleRoot, setIconImage, setIconImages, setLocationByPlatform, setLocationRelativeTo, setMinimumSize, setModalExclusionType, setSize, setSize, setVisible, show, toBack, toFront

Methods inherited from class java.awt.Container

```
add, add, add, add, add, addContainerListener, addImpl, addNotify,
addPropertyChangeListener, addPropertyChangeListener, applyComponentOrientation,
areFocusTraversalKeysSet, countComponents, deliverEvent, doLayout, findComponentAt,
findComponentAt, getAlignmentX, getAlignmentY, getComponent, getComponentAt,
getComponentAt, getComponentCount, getComponents, getComponentZOrder,
getContainerListeners, getFocusTraversalKeys, getFocusTraversalPolicy, getInsets,
getLayout, getListeners, getMaximumSize, getMinimumSize, getMousePosition,
getPreferredSize, insets, invalidate, isAncestorOf, isFocusCycleRoot,
isFocusCycleRoot, isFocusTraversalPolicyProvider, isFocusTraversalPolicySet, layout,
list, list, locate, minimumSize, paint, paintComponents, paramString, preferredSize,
print, printComponents, processContainerEvent, processEvent, remove, remove,
removeAll, removeContainerListener, removeNotify, setComponentZOrder,
setFocusCycleRoot, setFocusTraversalKeys, setFocusTraversalPolicy,
setFocusTraversalPolicyProvider, setFont, setLayout, transferFocusBackward,
transferFocusDownCycle, update, validate, validateTree
```

Methods inherited from class `java.awt.Component`

```
clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait,
wait
```

```
imageUpdate
```

```
getFont, postEvent, remove
```

Methods inherited from interface javax.accessibility.Accessible

getAccessibleContext

Methods inherited from interface java.awt.MenuContainer

getFont, postEvent, remove

Methods inherited from interface javax.accessibility.Accessible

getAccessibleContext

Methods inherited from interface javax.swing.RootPaneContainer

getContentPane, getGlassPane, getLayeredPane, getRootPane, setContentPane, setGlassPane, setLayeredPane

Methods inherited from interface javax.swing.TransferHandler.HasGetTransferHandler

getTransferHandler

Methods

getInstance

```
public static AttachOwnerGUI getInstance(java.lang.String vehicleID)
```

Singleton method for AttachOwnerGUI

Parameters:

vehicleID - on vehicle

Returns:

ONE instance of AttachOwnerGUI

searchOwner

```
public void searchOwner()
```

Search for a Owner

enterSearchDetails

```
public void enterSearchDetails(java.lang.String searchCriteria)
```

This method ask the controller-layer to perform a search for an owner Search results are set from the results of the controller-layer as multiple lists of Owner-objects, strings and ints. The variables firstName, lastName, and phoneNumber in every object in the actFoundsObjects is put together as a string and inserted to an arraylist(actFoundsFirstnameLastNamePhoneNumber) which will be converted to an array. The same applies to the list of OwnerIDs

Parameters:

searchCriteria

Returns:

void

main

```
public static void main(java.lang.String[] args)
```

Parameters:

args - the command line arguments

tweakmc.view

Class AttachVehicleGUI

```

java.lang.Object
├── java.awt.Component
│   ├── java.awt.Container
│   │   ├── java.awt.Window
│   │   │   ├── java.awt.Frame
│   │   │   │   ├── javax.swing.JFrame
│   │   │   │   └── tweakmc.view.AttachVehicleGUI

```

All Implemented Interfaces:

java.io.Serializable, java.awt.MenuContainer, java.awt.image.ImageObserver, javax.accessibility.Accessible, java.awt.MenuContainer, javax.swing.TransferHandler.HasGetTransferHandler, javax.swing.RootPaneContainer, javax.accessibility.Accessible, javax.swing.WindowConstants

```

public class AttachVehicleGUI
extends javax.swing.JFrame

```

Fields inherited from class javax.swing.JFrame

accessibleContext, EXIT_ON_CLOSE, rootPane, rootPaneCheckingEnabled

Fields inherited from class java.awt.Frame

CROSSHAIR_CURSOR, DEFAULT_CURSOR, E_RESIZE_CURSOR, HAND_CURSOR, ICONIFIED, MAXIMIZED_BOTH, MAXIMIZED_HORIZ, MAXIMIZED_VERT, MOVE_CURSOR, N_RESIZE_CURSOR, NE_RESIZE_CURSOR, NORMAL, NW_RESIZE_CURSOR, S_RESIZE_CURSOR, SE_RESIZE_CURSOR, SW_RESIZE_CURSOR, TEXT_CURSOR, W_RESIZE_CURSOR, WAIT_CURSOR

Fields inherited from class java.awt.Component

BOTTOM_ALIGNMENT, CENTER_ALIGNMENT, LEFT_ALIGNMENT, RIGHT_ALIGNMENT, TOP_ALIGNMENT

Fields inherited from interface java.awt.image.ImageObserver

ABORT, ALLBITS, ERROR, FRAMEBITS, HEIGHT, PROPERTIES, SOMEBITS, WIDTH

Fields inherited from interface javax.swing.WindowConstants

DISPOSE_ON_CLOSE, DO_NOTHING_ON_CLOSE, EXIT_ON_CLOSE, HIDE_ON_CLOSE

Method Summary

void

[enterSearchDetails](#)(java.lang.String searchCriteria)

This method ask the controller-layer to perform a search for a vehicle Search results are set from the controller-layer as multiply list of Vehicle-objects, String and ints The variables model and vType in every object in the actFoundsVehicleObjects list is put together as a string and inserted to an arraylist(actFoundsBrandModel) which will be converted to an array The same applies to the list of vehilce id

| | |
|--|---|
| static AttachVehicleGUI | getInstance (java.lang.String ownerID) Singleton method for AttachVehicleGUI |
| static void | main (java.lang.String[] args) |
| void | searchVehicle () Search for a Owner |

Methods inherited from class javax.swing.JFrame

addImpl, createRootPane, frameInit, getAccessibleContext, getContentPane, getDefaultCloseOperation, getGlassPane, getGraphics, getJMenuBar, getLayeredPane, getRootPane, getTransferHandler, isDefaultLookAndFeelDecorated, isRootPaneCheckingEnabled, paramString, processWindowEvent, remove, repaint, setContentPane, setDefaultCloseOperation, setDefaultLookAndFeelDecorated, setGlassPane, setIconImage, setJMenuBar, setLayeredPane, setLayout, setRootPane, setRootPaneCheckingEnabled, setTransferHandler, update

Methods inherited from class java.awt.Frame

addNotify, getAccessibleContext, getCursorType, getExtendedState, getFrames, getIconImage, getMaximizedBounds, getMenuBar, getState, getTitle, isResizable, isUndecorated, paramString, remove, removeNotify, setCursor, setExtendedState, setIconImage, setMaximizedBounds, setMenuBar, setResizable, setState, setTitle, setUndecorated

Methods inherited from class java.awt.Window

addNotify, addPropertyChangeListener, addPropertyChangeListener, addWindowFocusListener, addWindowListener, addWindowStateListener, applyResourceBundle, applyResourceBundle, createBufferStrategy, createBufferStrategy, dispose, getAccessibleContext, getBufferStrategy, getFocusableWindowState, getFocusCycleRootAncestor, getFocusOwner, getFocusTraversalKeys, getGraphicsConfiguration, getIconImages, getInputContext, getListeners, getLocale, getModalExclusionType, getMostRecentFocusOwner, getOwnedWindows, getOwner, getOwnerlessWindows, getToolkit, getWarningString, getWindowFocusListeners, getWindowListeners, getWindows, getWindowStateListeners, hide, isActive, isAlwaysOnTop, isAlwaysOnTopSupported, isFocusableWindow, isFocusCycleRoot, isFocused, isLocationByPlatform, isShowing, pack, paint, postEvent, processEvent, processWindowEvent, processWindowFocusEvent, processWindowStateEvent, removeNotify, removeWindowFocusListener, removeWindowListener, removeWindowStateListener, reshape, setAlwaysOnTop, setBounds, setBounds, setCursor, setFocusableWindowState, setFocusCycleRoot, setIconImage, setIconImages, setLocationByPlatform, setLocationRelativeTo, setMinimumSize, setModalExclusionType, setSize, setSize, setVisible, show, toBack, toFront

Methods inherited from class java.awt.Container

```
add, add, add, add, add, addContainerListener, addImpl, addNotify,
addPropertyChangeListener, addPropertyChangeListener, applyComponentOrientation,
areFocusTraversalKeysSet, countComponents, deliverEvent, doLayout, findComponentAt,
findComponentAt, getAlignmentX, getAlignmentY, getComponent, getComponentAt,
getComponentAt, getComponentCount, getComponents, getComponentZOrder,
getContainerListeners, getFocusTraversalKeys, getFocusTraversalPolicy, getInsets,
getLayout, getListeners, getMaximumSize, getMinimumSize, getMousePosition,
getPreferredSize, insets, invalidate, isAncestorOf, isFocusCycleRoot,
isFocusCycleRoot, isFocusTraversalPolicyProvider, isFocusTraversalPolicySet, layout,
list, list, locate, minimumSize, paint, paintComponents, paramString, preferredSize,
print, printComponents, processContainerEvent, processEvent, remove, remove,
removeAll, removeContainerListener, removeNotify, setComponentZOrder,
setFocusCycleRoot, setFocusTraversalKeys, setFocusTraversalPolicy,
setFocusTraversalPolicyProvider, setFont, setLayout, transferFocusBackward,
transferFocusDownCycle, update, validate, validateTree
```

Methods inherited from class `java.awt.Component`

```
clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait,
wait
```

```
imageUpdate
```

```
getFont, postEvent, remove
```

Methods inherited from interface javax.accessibility.Accessible

getAccessibleContext

Methods inherited from interface java.awt.MenuContainer

getFont, postEvent, remove

Methods inherited from interface javax.accessibility.Accessible

getAccessibleContext

Methods inherited from interface javax.swing.RootPaneContainer

getContentPane, getGlassPane, getLayeredPane, getRootPane, setContentPane, setGlassPane, setLayeredPane

Methods inherited from interface javax.swing.TransferHandler.HasGetTransferHandler

getTransferHandler

Methods

getInstance

```
public static AttachVehicleGUI getInstance(java.lang.String ownerID)
```

Singleton method for AttachVehicleGUI

Parameters:

ownerID - on owner

Returns:

ONE instance of AttachVehicleGUI

searchVehicle

```
public void searchVehicle()
```

Search for a Owner

enterSearchDetails

```
public void enterSearchDetails(java.lang.String searchCriteria)
```

This method ask the controller-layer to perform a search for a vehicle Search results are set from the controller-layer as multiply list of Vehicle-objects, String and ints The variables model and vType in every object in the actFoundsVehicleObjects list is put together as a string and inserted to an arraylist(actFoundsBrandModel) which will be converted to an array The same applies to the list of vehilce id

Parameters:

searchCriteria

Returns:

void

main

```
public static void main(java.lang.String[] args)
```

Parameters:

args - the command line arguments

tweakmc.view

Class AttachVehicleToOrderGUI

```

java.lang.Object
├── java.awt.Component
│   ├── java.awt.Container
│   │   ├── java.awt.Window
│   │   │   ├── java.awt.Frame
│   │   │   │   ├── javax.swing.JFrame
│   │   │   │   └── tweakmc.view.AttachVehicleToOrderGUI

```

All Implemented Interfaces:

java.io.Serializable, java.awt.MenuContainer, java.awt.image.ImageObserver, javax.accessibility.Accessible, java.awt.MenuContainer, javax.swing.TransferHandler.HasGetTransferHandler, javax.swing.RootPaneContainer, javax.accessibility.Accessible, javax.swing.WindowConstants

```

public class AttachVehicleToOrderGUI
extends javax.swing.JFrame

```

Fields inherited from class javax.swing.JFrame

accessibleContext, EXIT_ON_CLOSE, rootPane, rootPaneCheckingEnabled

Fields inherited from class java.awt.Frame

CROSSHAIR_CURSOR, DEFAULT_CURSOR, E_RESIZE_CURSOR, HAND_CURSOR, ICONIFIED, MAXIMIZED_BOTH, MAXIMIZED_HORIZ, MAXIMIZED_VERT, MOVE_CURSOR, N_RESIZE_CURSOR, NE_RESIZE_CURSOR, NORMAL, NW_RESIZE_CURSOR, S_RESIZE_CURSOR, SE_RESIZE_CURSOR, SW_RESIZE_CURSOR, TEXT_CURSOR, W_RESIZE_CURSOR, WAIT_CURSOR

Fields inherited from class java.awt.Component

BOTTOM_ALIGNMENT, CENTER_ALIGNMENT, LEFT_ALIGNMENT, RIGHT_ALIGNMENT, TOP_ALIGNMENT

Fields inherited from interface java.awt.image.ImageObserver

ABORT, ALLBITS, ERROR, FRAMEBITS, HEIGHT, PROPERTIES, SOMEBITS, WIDTH

Fields inherited from interface javax.swing.WindowConstants

DISPOSE_ON_CLOSE, DO_NOTHING_ON_CLOSE, EXIT_ON_CLOSE, HIDE_ON_CLOSE

Method Summary

void [enterSearchDetails](#)(java.lang.String searchCriteria)

This method ask the controller-layer to perform a search for a vehicle Search results are set from the controller-layer as multiply list of Vehicle-objects, String and ints The variables model and vType in every object in the actFoundsVehicleObjects list is put together as a string and inserted to an arraylist(actFoundsBrandModel) which will be converted to an array The same applies to the list of vehilce id

| | |
|---|--|
| static AttachVehicleToOrderGUI | getInstance (java.lang.String orderID) Singleton method for AttachVehicleToOrderGUI |
| static void | main (java.lang.String[] args) |
| void | searchVehicle () Search for a Vehicle |

Methods inherited from class javax.swing.JFrame

addImpl, createRootPane, frameInit, getAccessibleContext, getContentPane, getDefaultCloseOperation, getGlassPane, getGraphics, getJMenuBar, getLayeredPane, getRootPane, getTransferHandler, isDefaultLookAndFeelDecorated, isRootPaneCheckingEnabled, paramString, processWindowEvent, remove, repaint, setContentPane, setDefaultCloseOperation, setDefaultLookAndFeelDecorated, setGlassPane, setIconImage, setJMenuBar, setLayeredPane, setLayout, setRootPane, setRootPaneCheckingEnabled, setTransferHandler, update

Methods inherited from class java.awt.Frame

addNotify, getAccessibleContext, getCursorType, getExtendedState, getFrames, getIconImage, getMaximizedBounds, getMenuBar, getState, getTitle, isResizable, isUndecorated, paramString, remove, removeNotify, setCursor, setExtendedState, setIconImage, setMaximizedBounds, setMenuBar, setResizable, setState, setTitle, setUndecorated

Methods inherited from class java.awt.Window

addNotify, addPropertyChangeListener, addPropertyChangeListener, addWindowFocusListener, addWindowListener, addWindowStateListener, applyResourceBundle, applyResourceBundle, createBufferStrategy, createBufferStrategy, dispose, getAccessibleContext, getBufferStrategy, getFocusableWindowState, getFocusCycleRootAncestor, getFocusOwner, getFocusTraversalKeys, getGraphicsConfiguration, getIconImages, getInputContext, getListeners, getLocale, getModalExclusionType, getMostRecentFocusOwner, getOwnedWindows, getOwner, getOwnerlessWindows, getToolkit, getWarningString, getWindowFocusListeners, getWindowListeners, getWindows, getWindowStateListeners, hide, isActive, isAlwaysOnTop, isAlwaysOnTopSupported, isFocusableWindow, isFocusCycleRoot, isFocused, isLocationByPlatform, isShowing, pack, paint, postEvent, processEvent, processWindowEvent, processWindowFocusEvent, processWindowStateEvent, removeNotify, removeWindowFocusListener, removeWindowListener, removeWindowStateListener, reshape, setAlwaysOnTop, setBounds, setBounds, setCursor, setFocusableWindowState, setFocusCycleRoot, setIconImage, setIconImages, setLocationByPlatform, setLocationRelativeTo, setMinimumSize, setModalExclusionType, setSize, setSize, setVisible, show, toBack, toFront

Methods inherited from class java.awt.Container

```
add, add, add, add, add, addContainerListener, addImpl, addNotify,
addPropertyChangeListener, addPropertyChangeListener, applyComponentOrientation,
areFocusTraversalKeysSet, countComponents, deliverEvent, doLayout, findComponentAt,
findComponentAt, getAlignmentX, getAlignmentY, getComponent, getComponentAt,
getComponentAt, getComponentCount, getComponents, getComponentZOrder,
getContainerListeners, getFocusTraversalKeys, getFocusTraversalPolicy, getInsets,
getLayout, getListeners, getMaximumSize, getMinimumSize, getMousePosition,
getPreferredSize, insets, invalidate, isAncestorOf, isFocusCycleRoot,
isFocusCycleRoot, isFocusTraversalPolicyProvider, isFocusTraversalPolicySet, layout,
list, list, locate, minimumSize, paint, paintComponents, paramString, preferredSize,
print, printComponents, processContainerEvent, processEvent, remove, remove,
removeAll, removeContainerListener, removeNotify, setComponentZOrder,
setFocusCycleRoot, setFocusTraversalKeys, setFocusTraversalPolicy,
setFocusTraversalPolicyProvider, setFont, setLayout, transferFocusBackward,
transferFocusDownCycle, update, validate, validateTree
```

Methods inherited from class `java.awt.Component`

```
clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait
```

```
imageUpdate
```

```
getFont, postEvent, remove
```

Methods inherited from interface javax.accessibility.Accessible

getAccessibleContext

Methods inherited from interface java.awt.MenuContainer

getFont, postEvent, remove

Methods inherited from interface javax.accessibility.Accessible

getAccessibleContext

Methods inherited from interface javax.swing.RootPaneContainer

getContentPane, getGlassPane, getLayeredPane, getRootPane, setContentPane, setGlassPane, setLayeredPane

Methods inherited from interface javax.swing.TransferHandler.HasGetTransferHandler

getTransferHandler

Methods

getInstance

```
public static AttachVehicleToOrderGUI getInstance(java.lang.String orderID)
```

Singleton method for AttachVehicleToOrderGUI

Parameters:

orderID - on order

Returns:

ONE instance of AttachVehicleToOrderGUI

searchVehicle

```
public void searchVehicle()
```

Search for a Vehicle

enterSearchDetails

```
public void enterSearchDetails(java.lang.String searchCriteria)
```

This method ask the controller-layer to perform a search for a vehicle Search results are set from the controller-layer as multiply list of Vehicle-objects, String and ints The variables model and vType in every object in the actFoundsVehicleObjects list is put together as a string and inserted to an arraylist(actFoundsBrandModel) which will be converted to an array The same applies to the list of vehilce id

Parameters:

searchCriteria

Returns:

void

main

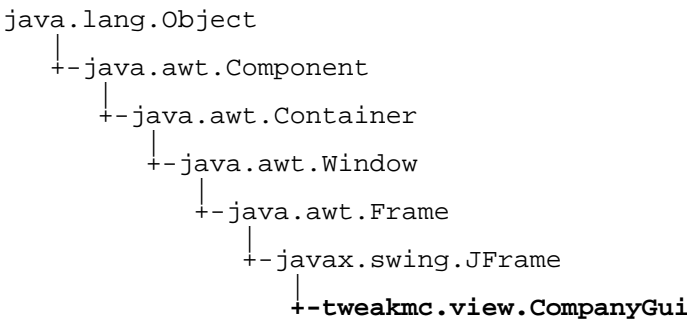
```
public static void main(java.lang.String[] args)
```

Parameters:

args - the command line arguments

tweakmc.view

Class CompanyGui



All Implemented Interfaces:
java.io.Serializable, java.awt.MenuContainer, java.awt.image.ImageObserver, javax.accessibility.Accessible, java.awt.MenuContainer, javax.swing.TransferHandler.HasGetTransferHandler, javax.swing.RootPaneContainer, javax.accessibility.Accessible, javax.swing.WindowConstants

public class **CompanyGui**
extends javax.swing.JFrame

| Fields inherited from class javax.swing.JFrame |
|--|
| accessibleContext, EXIT_ON_CLOSE, rootPane, rootPaneCheckingEnabled |
| Fields inherited from class java.awt.Frame |
| CROSSHAIR_CURSOR, DEFAULT_CURSOR, E_RESIZE_CURSOR, HAND_CURSOR, ICONIFIED, MAXIMIZED_BOTH, MAXIMIZED_HORIZ, MAXIMIZED_VERT, MOVE_CURSOR, N_RESIZE_CURSOR, NE_RESIZE_CURSOR, NORMAL, NW_RESIZE_CURSOR, S_RESIZE_CURSOR, SE_RESIZE_CURSOR, SW_RESIZE_CURSOR, TEXT_CURSOR, W_RESIZE_CURSOR, WAIT_CURSOR |
| Fields inherited from class java.awt.Component |
| BOTTOM_ALIGNMENT, CENTER_ALIGNMENT, LEFT_ALIGNMENT, RIGHT_ALIGNMENT, TOP_ALIGNMENT |
| Fields inherited from interface java.awt.image.ImageObserver |
| ABORT, ALLBITS, ERROR, FRAMEBITS, HEIGHT, PROPERTIES, SOMEBITS, WIDTH |
| Fields inherited from interface javax.swing.WindowConstants |
| DISPOSE_ON_CLOSE, DO_NOTHING_ON_CLOSE, EXIT_ON_CLOSE, HIDE_ON_CLOSE |

| Constructor Summary | |
|---------------------|---|
| public | CompanyGui() Creates new form CompanyGUI |

Method Summary

| | |
|-------------|--|
| boolean | checkCopanyFields() Method that checks Company fields |
| static void | main (java.lang.String[] args) |

Methods inherited from class javax.swing.JFrame

addImpl, createRootPane, frameInit, getAccessibleContext, getContentPane, getDefaultCloseOperation, getGlassPane, getGraphics, getJMenuBar, getLayeredPane, getRootPane, getTransferHandler, isDefaultLookAndFeelDecorated, isRootPaneCheckingEnabled, paramString, processWindowEvent, remove, repaint, setContentPane, setDefaultCloseOperation, setDefaultLookAndFeelDecorated, setGlassPane, setIconImage, setJMenuBar, setLayeredPane, setLayout, setRootPane, setRootPaneCheckingEnabled, setTransferHandler, update

Methods inherited from class java.awt.Frame

addNotify, getAccessibleContext, getCursorType, getExtendedState, getFrames, getIconImage, getMaximizedBounds, getMenuBar, getState, getTitle, isResizable, isUndecorated, paramString, remove, removeNotify, setCursor, setExtendedState, setIconImage, setMaximizedBounds, setMenuBar, setResizable, setState, setTitle, setUndecorated

Methods inherited from class java.awt.Window

addNotify, addPropertyChangeListener, addPropertyChangeListener, addWindowFocusListener, addWindowListener, addWindowStateListener, applyResourceBundle, applyResourceBundle, createBufferStrategy, createBufferStrategy, dispose, getAccessibleContext, getBufferStrategy, getFocusableWindowState, getFocusCycleRootAncestor, getFocusOwner, getFocusTraversalKeys, getGraphicsConfiguration, getIconImages, getInputContext, getListeners, getLocale, getModalExclusionType, getMostRecentFocusOwner, getOwnedWindows, getOwner, getOwnerlessWindows, getToolkit, getWarningString, getWindowFocusListeners, getWindowListeners, getWindows, getWindowStateListeners, hide, isActive, isAlwaysOnTop, isAlwaysOnTopSupported, isFocusableWindow, isFocusCycleRoot, isFocused, isLocationByPlatform, isShowing, pack, paint, postEvent, processEvent, processWindowEvent, processWindowFocusEvent, processWindowStateEvent, removeNotify, removeWindowFocusListener, removeWindowListener, removeWindowStateListener, reshape, setAlwaysOnTop, setBounds, setBounds, setCursor, setFocusableWindowState, setFocusCycleRoot, setIconImage, setIconImages, setLocationByPlatform, setLocationRelativeTo, setMinimumSize, setModalExclusionType, setSize, setSize, setVisible, show, toBack, toFront

Methods inherited from class java.awt.Container

```
add, add, add, add, add, addContainerListener, addImpl, addNotify,
addPropertyChangeListener, addPropertyChangeListener, applyComponentOrientation,
areFocusTraversalKeysSet, countComponents, deliverEvent, doLayout, findComponentAt,
findComponentAt, getAlignmentX, getAlignmentY, getComponent, getComponentAt,
getComponentAt, getComponentCount, getComponents, getComponentZOrder,
getContainerListeners, getFocusTraversalKeys, getFocusTraversalPolicy, getInsets,
getLayout, getListeners, getMaximumSize, getMinimumSize, getMousePosition,
getPreferredSize, insets, invalidate, isAncestorOf, isFocusCycleRoot,
isFocusCycleRoot, isFocusTraversalPolicyProvider, isFocusTraversalPolicySet, layout,
list, list, locate, minimumSize, paint, paintComponents, paramString, preferredSize,
print, printComponents, processContainerEvent, processEvent, remove, remove,
removeAll, removeContainerListener, removeNotify, setComponentZOrder,
setFocusCycleRoot, setFocusTraversalKeys, setFocusTraversalPolicy,
setFocusTraversalPolicyProvider, setFont, setLayout, transferFocusBackward,
transferFocusDownCycle, update, validate, validateTree
```

Methods inherited from class `java.awt.Component`


```
clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait,
wait
```

```
imageUpdate
```

```
getFont, postEvent, remove
```

Methods inherited from interface javax.accessibility.Accessible`getAccessibleContext`**Methods inherited from interface** java.awt.MenuContainer`getFont, postEvent, remove`**Methods inherited from interface** javax.accessibility.Accessible`getAccessibleContext`**Methods inherited from interface** javax.swing.RootPaneContainer`getContentPane, getGlassPane, getLayeredPane, getRootPane, setContentPane, setGlassPane, setLayeredPane`**Methods inherited from interface** javax.swing.TransferHandler.HasGetTransferHandler`getTransferHandler`

Constructors

CompanyGui

```
public CompanyGui()
```

Creates new form CompanyGUI

Methods

checkCopanyFields

```
public boolean checkCopanyFields()
```

Methord that checks Company firlds

Returns:

main

```
public static void main(java.lang.String[] args)
```

Parameters:

args - the command line arguments

tweakmc.view

Class CreateSpreadsheetView

```

java.lang.Object
├── java.awt.Component
│   ├── java.awt.Container
│   │   ├── java.awt.Window
│   │   │   ├── java.awt.Frame
│   │   │   │   ├── javax.swing.JFrame
│   │   │   │   └── tweakmc.view.CreateSpreadsheetView

```

All Implemented Interfaces:

java.io.Serializable, java.awt.MenuContainer, java.awt.image.ImageObserver, javax.accessibility.Accessible, java.awt.MenuContainer, javax.swing.TransferHandler.HasGetTransferHandler, javax.swing.RootPaneContainer, javax.accessibility.Accessible, javax.swing.WindowConstants

```

public class CreateSpreadsheetView
extends javax.swing.JFrame

```

Fields inherited from class javax.swing.JFrame

accessibleContext, EXIT_ON_CLOSE, rootPane, rootPaneCheckingEnabled

Fields inherited from class java.awt.Frame

CROSSHAIR_CURSOR, DEFAULT_CURSOR, E_RESIZE_CURSOR, HAND_CURSOR, ICONIFIED, MAXIMIZED_BOTH, MAXIMIZED_HORIZ, MAXIMIZED_VERT, MOVE_CURSOR, N_RESIZE_CURSOR, NE_RESIZE_CURSOR, NORMAL, NW_RESIZE_CURSOR, S_RESIZE_CURSOR, SE_RESIZE_CURSOR, SW_RESIZE_CURSOR, TEXT_CURSOR, W_RESIZE_CURSOR, WAIT_CURSOR

Fields inherited from class java.awt.Component

BOTTOM_ALIGNMENT, CENTER_ALIGNMENT, LEFT_ALIGNMENT, RIGHT_ALIGNMENT, TOP_ALIGNMENT

Fields inherited from interface java.awt.image.ImageObserver

ABORT, ALLBITS, ERROR, FRAMEBITS, HEIGHT, PROPERTIES, SOMEBITS, WIDTH

Fields inherited from interface javax.swing.WindowConstants

DISPOSE_ON_CLOSE, DO_NOTHING_ON_CLOSE, EXIT_ON_CLOSE, HIDE_ON_CLOSE

Constructor Summary

| | |
|--------|--|
| public | CreateSpreadsheetView() Creates new form CreateSpreadsheetView |
| public | CreateSpreadsheetView(java.awt.Point p, java.lang.String vehicleID, java.lang.String workStationName) Set the location where the frame shoul open |

Method Summary

| | |
|-------------|--|
| static void | main (java.lang.String[] args) |
|-------------|--|

Methods inherited from class javax.swing.JFrame

addImpl, createRootPane, frameInit, getAccessibleContext, getContentPane, getDefaultCloseOperation, getGlassPane, getGraphics, getJMenuBar, getLayeredPane, getRootPane, getTransferHandler, isDefaultLookAndFeelDecorated, isRootPaneCheckingEnabled, paramString, processWindowEvent, remove, repaint, setContentPane, setDefaultCloseOperation, setDefaultLookAndFeelDecorated, setGlassPane, setIconImage, setJMenuBar, setLayeredPane, setLayout, setRootPane, setRootPaneCheckingEnabled, setTransferHandler, update

Methods inherited from class java.awt.Frame

addNotify, getAccessibleContext, getCursorType, getExtendedState, getFrames, getIconImage, getMaximizedBounds, getMenuBar, getState, getTitle, isResizable, isUndecorated, paramString, remove, removeNotify, setCursor, setExtendedState, setIconImage, setMaximizedBounds, setMenuBar, setResizable, setState, setTitle, setUndecorated

Methods inherited from class java.awt.Window

addNotify, addPropertyChangeListener, addPropertyChangeListener, addWindowFocusListener, addWindowListener, addWindowStateListener, applyResourceBundle, applyResourceBundle, createBufferStrategy, createBufferStrategy, dispose, getAccessibleContext, getBufferStrategy, getFocusableWindowState, getFocusCycleRootAncestor, getFocusOwner, getFocusTraversalKeys, getGraphicsConfiguration, getIconImages, getInputContext, getListeners, getLocale, getModalExclusionType, getMostRecentFocusOwner, getOwnedWindows, getOwner, getOwnerlessWindows, getToolkit, getWarningString, getWindowFocusListeners, getWindowListeners, getWindows, getWindowStateListeners, hide, isActive, isAlwaysOnTop, isAlwaysOnTopSupported, isFocusableWindow, isFocusCycleRoot, isFocused, isLocationByPlatform, isShowing, pack, paint, postEvent, processEvent, processWindowEvent, processWindowFocusEvent, processWindowStateEvent, removeNotify, removeWindowFocusListener, removeWindowListener, removeWindowStateListener, reshape, setAlwaysOnTop, setBounds, setBounds, setCursor, setFocusableWindowState, setFocusCycleRoot, setIconImage, setIconImages, setLocationByPlatform, setLocationRelativeTo, setMinimumSize, setModalExclusionType, setSize, setSize, setVisible, show, toBack, toFront

Methods inherited from class java.awt.Container

```
add, add, add, add, add, addContainerListener, addImpl, addNotify,
addPropertyChangeListener, addPropertyChangeListener, applyComponentOrientation,
areFocusTraversalKeysSet, countComponents, deliverEvent, doLayout, findComponentAt,
findComponentAt, getAlignmentX, getAlignmentY, getComponent, getComponentAt,
getComponentAt, getComponentCount, getComponents, getComponentZOrder,
getContainerListeners, getFocusTraversalKeys, getFocusTraversalPolicy, getInsets,
getLayout, getListeners, getMaximumSize, getMinimumSize, getMousePosition,
getPreferredSize, insets, invalidate, isAncestorOf, isFocusCycleRoot,
isFocusCycleRoot, isFocusTraversalPolicyProvider, isFocusTraversalPolicySet, layout,
list, list, locate, minimumSize, paint, paintComponents, paramString, preferredSize,
print, printComponents, processContainerEvent, processEvent, remove, remove,
removeAll, removeContainerListener, removeNotify, setComponentZOrder,
setFocusCycleRoot, setFocusTraversalKeys, setFocusTraversalPolicy,
setFocusTraversalPolicyProvider, setFont, setLayout, transferFocusBackward,
transferFocusDownCycle, update, validate, validateTree
```

Methods inherited from class `java.awt.Component`

```
clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait,
wait
```

| |
|-------------|
| imageUpdate |
|-------------|

```
getFont, postEvent, remove
```

Methods inherited from interface javax.accessibility.Accessible

getAccessibleContext

Methods inherited from interface java.awt.MenuContainer

getFont, postEvent, remove

Methods inherited from interface javax.accessibility.Accessible

getAccessibleContext

Methods inherited from interface javax.swing.RootPaneContainer

getContentPane, getGlassPane, getLayeredPane, getRootPane, setContentPane, setGlassPane, setLayeredPane

Methods inherited from interface javax.swing.TransferHandler.HasGetTransferHandler

getTransferHandler

Constructors

CreateSpreadsheetView

```
public CreateSpreadsheetView()
```

Creates new form CreateSpreadsheetView

CreateSpreadsheetView

```
public CreateSpreadsheetView(java.awt.Point p,
                             java.lang.String vehicleID,
                             java.lang.String workStationName)
```

Set the location where the frame shoul open

Parameters:

p - point on screen where mouse is

Methods

main

```
public static void main(java.lang.String[] args)
```

Parameters:

args - the command line arguments

tweakmc.view Class GUIDesign

```

java.lang.Object
├-- java.awt.Component
│   ├── java.awt.Container
│   │   ├── java.awt.Window
│   │   │   ├── java.awt.Frame
│   │   │   │   ├── javax.swing.JFrame
│   │   │   │   └-- tweakmc.view.GUIDesign

```

All Implemented Interfaces:

java.io.Serializable, java.awt.MenuContainer, java.awt.image.ImageObserver, javax.accessibility.Accessible, java.awt.MenuContainer, javax.swing.TransferHandler.HasGetTransferHandler, javax.swing.RootPaneContainer, javax.accessibility.Accessible, javax.swing.WindowConstants

```

public class GUIDesign
extends javax.swing.JFrame

```

Field Summary

| | |
|--------|--------------------------------|
| public | loggedInStatus |
| public | statusPanel |

Fields inherited from class javax.swing.JFrame

accessibleContext, EXIT_ON_CLOSE, rootPane, rootPaneCheckingEnabled

Fields inherited from class java.awt.Frame

CROSSHAIR_CURSOR, DEFAULT_CURSOR, E_RESIZE_CURSOR, HAND_CURSOR, ICONIFIED, MAXIMIZED_BOTH, MAXIMIZED_HORIZ, MAXIMIZED_VERT, MOVE_CURSOR, N_RESIZE_CURSOR, NE_RESIZE_CURSOR, NORMAL, NW_RESIZE_CURSOR, S_RESIZE_CURSOR, SE_RESIZE_CURSOR, SW_RESIZE_CURSOR, TEXT_CURSOR, W_RESIZE_CURSOR, WAIT_CURSOR

Fields inherited from class java.awt.Component

BOTTOM_ALIGNMENT, CENTER_ALIGNMENT, LEFT_ALIGNMENT, RIGHT_ALIGNMENT, TOP_ALIGNMENT

Fields inherited from interface java.awt.image.ImageObserver

ABORT, ALLBITS, ERROR, FRAMEBITS, HEIGHT, PROPERTIES, SOMEBITS, WIDTH

Fields inherited from interface javax.swing.WindowConstants

DISPOSE_ON_CLOSE, DO_NOTHING_ON_CLOSE, EXIT_ON_CLOSE, HIDE_ON_CLOSE

Constructor Summary

| | |
|--------|---|
| public | GUIDesign() Creates new form GUIDesign |
|--------|---|

Method Summary

| | |
|-------------|---|
| void | enablePanels() Enables the panels of the GUI, after successfully login |
| static void | main (java.lang.String[] args) Main method for the GUI |

Methods inherited from class javax.swing.JFrame

addImpl, createRootPane, frameInit, getAccessibleContext, getContentPane, getDefaultCloseOperation, getGlassPane, getGraphics, getJMenuBar, getLayeredPane, getRootPane, getTransferHandler, isDefaultLookAndFeelDecorated, isRootPaneCheckingEnabled, paramString, processWindowEvent, remove, repaint, setContentPane, setDefaultCloseOperation, setDefaultLookAndFeelDecorated, setGlassPane, setIconImage, setJMenuBar, setLayeredPane, setLayout, setRootPane, setRootPaneCheckingEnabled, setTransferHandler, update

Methods inherited from class java.awt.Frame

addNotify, getAccessibleContext, getCursorType, getExtendedState, getFrames, getIconImage, getMaximizedBounds, getMenuBar, getState, getTitle, isResizable, isUndecorated, paramString, remove, removeNotify, setCursor, setExtendedState, setIconImage, setMaximizedBounds, setMenuBar, setResizable, setState, setTitle, setUndecorated

Methods inherited from class java.awt.Window

addNotify, addPropertyChangeListener, addPropertyChangeListener, addWindowFocusListener, addWindowListener, addWindowStateListener, applyResourceBundle, applyResourceBundle, createBufferStrategy, createBufferStrategy, dispose, getAccessibleContext, getBufferStrategy, getFocusableWindowState, getFocusCycleRootAncestor, getFocusOwner, getFocusTraversalKeys, getGraphicsConfiguration, getIconImages, getInputContext, getListeners, getLocale, getModalExclusionType, getMostRecentFocusOwner, getOwnedWindows, getOwner, getOwnerlessWindows, getToolkit, getWarningString, getWindowFocusListeners, getWindowListeners, getWindowStateListeners, hide, isActive, isAlwaysOnTop, isAlwaysOnTopSupported, isFocusableWindow, isFocusCycleRoot, isFocused, isLocationByPlatform, isShowing, pack, paint, postEvent, processEvent, processWindowEvent, processWindowFocusEvent, processWindowStateEvent, removeNotify, removeWindowFocusListener, removeWindowListener, removeWindowStateListener, reshape, setAlwaysOnTop, setBounds, setBounds, setCursor, setFocusableWindowState, setFocusCycleRoot, setIconImage, setIconImages, setLocationByPlatform, setLocationRelativeTo, setMinimumSize, setModalExclusionType, setSize, setSize, setVisible, show, toBack, toFront

Methods inherited from class java.awt.Container

```
add, add, add, add, add, addContainerListener, addImpl, addNotify,
addPropertyChangeListener, addPropertyChangeListener, applyComponentOrientation,
areFocusTraversalKeysSet, countComponents, deliverEvent, doLayout, findComponentAt,
findComponentAt, getAlignmentX, getAlignmentY, getComponent, getComponentAt,
getComponentAt, getComponentCount, getComponents, getComponentZOrder,
getContainerListeners, getFocusTraversalKeys, getFocusTraversalPolicy, getInsets,
getLayout, getListeners, getMaximumSize, getMinimumSize, getMousePosition,
getPreferredSize, insets, invalidate, isAncestorOf, isFocusCycleRoot,
isFocusCycleRoot, isFocusTraversalPolicyProvider, isFocusTraversalPolicySet, layout,
list, list, locate, minimumSize, paint, paintComponents, paramString, preferredSize,
print, printComponents, processContainerEvent, processEvent, remove, remove,
removeAll, removeContainerListener, removeNotify, setComponentZOrder,
setFocusCycleRoot, setFocusTraversalKeys, setFocusTraversalPolicy,
setFocusTraversalPolicyProvider, setFont, setLayout, transferFocusBackward,
transferFocusDownCycle, update, validate, validateTree
```

Methods inherited from class `java.awt.Component`

```
clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait
```

```
imageUpdate
```

```
getFont, postEvent, remove
```

Methods inherited from interface javax.accessibility.Accessible`getAccessibleContext`**Methods inherited from interface** java.awt.MenuContainer`getFont, postEvent, remove`**Methods inherited from interface** javax.accessibility.Accessible`getAccessibleContext`**Methods inherited from interface** javax.swing.RootPaneContainer`getContentPane, getGlassPane, getLayeredPane, getRootPane, setContentPane, setGlassPane, setLayeredPane`**Methods inherited from interface** javax.swing.TransferHandler.HasGetTransferHandler`getTransferHandler`

Fields

loggedInStatus

```
public javax.swing.JLabel loggedInStatus
```

statusPanel

```
public javax.swing.JPanel statusPanel
```

Constructors

GUIDesign

```
public GUIDesign()
```

Creates new form GUIDesign

Methods

enablePanels

```
protected void enablePanels()
```

Enables the panels of the GUI, after successfully login

main

```
public static void main(java.lang.String[] args)
```

(continued from last page)

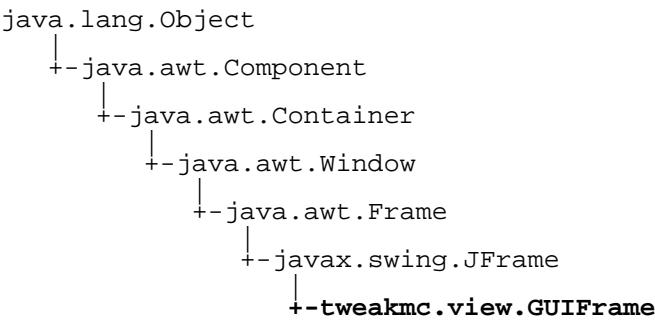
Main method for the GUI

Parameters:

args - the command line arguments

tweakmc.view

Class GUIFrame



All Implemented Interfaces:
java.io.Serializable, java.awt.MenuContainer, java.awt.image.ImageObserver, javax.accessibility.Accessible, java.awt.MenuContainer, javax.swing.TransferHandler.HasGetTransferHandler, javax.swing.RootPaneContainer, javax.accessibility.Accessible, javax.swing.WindowConstants

public class **GUIFrame**
extends javax.swing.JFrame

GUI main to hold all tabpanes menus

| |
|---|
| Fields inherited from class javax.swing.JFrame |
| accessibleContext, EXIT_ON_CLOSE, rootPane, rootPaneCheckingEnabled |

| |
|--|
| Fields inherited from class java.awt.Frame |
| CROSSHAIR_CURSOR, DEFAULT_CURSOR, E_RESIZE_CURSOR, HAND_CURSOR, ICONIFIED, MAXIMIZED_BOTH, MAXIMIZED_HORIZ, MAXIMIZED_VERT, MOVE_CURSOR, N_RESIZE_CURSOR, NE_RESIZE_CURSOR, NORMAL, NW_RESIZE_CURSOR, S_RESIZE_CURSOR, SE_RESIZE_CURSOR, SW_RESIZE_CURSOR, TEXT_CURSOR, W_RESIZE_CURSOR, WAIT_CURSOR |

| |
|--|
| Fields inherited from class java.awt.Component |
| BOTTOM_ALIGNMENT, CENTER_ALIGNMENT, LEFT_ALIGNMENT, RIGHT_ALIGNMENT, TOP_ALIGNMENT |

| |
|---|
| Fields inherited from interface java.awt.image.ImageObserver |
| ABORT, ALLBITS, ERROR, FRAMEBITS, HEIGHT, PROPERTIES, SOMEBITS, WIDTH |

| |
|---|
| Fields inherited from interface javax.swing.WindowConstants |
| DISPOSE_ON_CLOSE, DO_NOTHING_ON_CLOSE, EXIT_ON_CLOSE, HIDE_ON_CLOSE |

| | |
|----------------------------|--|
| Constructor Summary | |
| public | GUIFrame() Construtor for building GUIFrame for TweakMC |

Method Summary

| | |
|-------------|---|
| static void | main (java.lang.String[] args) |
| static void | setDefaultButton (javax.swing.JButton actButton) Set default button in a given window |
| static void | setFocusComponent (javax.swing.JComponent actComp) Set a JComponent in focus then requested |

Methods inherited from class javax.swing.JFrame

addImpl, createRootPane, frameInit, getAccessibleContext, getContentPane, getDefaultCloseOperation, getGlassPane, getGraphics, getJMenuBar, getLayeredPane, getRootPane, getTransferHandler, isDefaultLookAndFeelDecorated, isRootPaneCheckingEnabled, paramString, processWindowEvent, remove, repaint, setContentPane, setDefaultCloseOperation, setDefaultLookAndFeelDecorated, setGlassPane, setIconImage, setJMenuBar, setLayeredPane, setLayout, setRootPane, setRootPaneCheckingEnabled, setTransferHandler, update

Methods inherited from class java.awt.Frame

addNotify, getAccessibleContext, getCursorType, getExtendedState, getFrames, getIconImage, getMaximizedBounds, getMenuBar, getState, getTitle, isResizable, isUndecorated, paramString, remove, removeNotify, setCursor, setExtendedState, setIconImage, setMaximizedBounds, setMenuBar, setResizable, setState, setTitle, setUndecorated

Methods inherited from class java.awt.Window

addNotify, addPropertyChangeListener, addPropertyChangeListener, addWindowFocusListener, addWindowListener, addWindowStateListener, applyResourceBundle, applyResourceBundle, createBufferStrategy, createBufferStrategy, dispose, getAccessibleContext, getBufferStrategy, getFocusableWindowState, getFocusCycleRootAncestor, getFocusOwner, getFocusTraversalKeys, getGraphicsConfiguration, getIconImages, getInputContext, getListeners, getLocale, getModalExclusionType, getMostRecentFocusOwner, getOwnedWindows, getOwner, getOwnerlessWindows, getToolkit, getWarningString, getWindowFocusListeners, getWindowListeners, getWindows, getWindowStateListeners, hide, isActive, isAlwaysOnTop, isAlwaysOnTopSupported, isFocusableWindow, isFocusCycleRoot, isFocused, isLocationByPlatform, isShowing, pack, paint, postEvent, processEvent, processWindowEvent, processWindowFocusEvent, processWindowStateEvent, removeNotify, removeWindowFocusListener, removeWindowListener, removeWindowStateListener, reshape, setAlwaysOnTop, setBounds, setBounds, setCursor, setFocusableWindowState, setFocusCycleRoot, setIconImage, setIconImages, setLocationByPlatform, setLocationRelativeTo, setMinimumSize, setModalExclusionType, setSize, setSize, setVisible, show, toBack, toFront

Methods inherited from class java.awt.Container

```
add, add, add, add, add, addContainerListener, addImpl, addNotify,
addPropertyChangeListener, addPropertyChangeListener, applyComponentOrientation,
areFocusTraversalKeysSet, countComponents, deliverEvent, doLayout, findComponentAt,
findComponentAt, getAlignmentX, getAlignmentY, getComponent, getComponentAt,
getComponentAt, getComponentCount, getComponents, getComponentZOrder,
getContainerListeners, getFocusTraversalKeys, getFocusTraversalPolicy, getInsets,
getLayout, getListeners, getMaximumSize, getMinimumSize, getMousePosition,
getPreferredSize, insets, invalidate, isAncestorOf, isFocusCycleRoot,
isFocusCycleRoot, isFocusTraversalPolicyProvider, isFocusTraversalPolicySet, layout,
list, list, locate, minimumSize, paint, paintComponents, paramString, preferredSize,
print, printComponents, processContainerEvent, processEvent, remove, remove,
removeAll, removeContainerListener, removeNotify, setComponentZOrder,
setFocusCycleRoot, setFocusTraversalKeys, setFocusTraversalPolicy,
setFocusTraversalPolicyProvider, setFont, setLayout, transferFocusBackward,
transferFocusDownCycle, update, validate, validateTree
```

Methods inherited from class `java.awt.Component`


```
clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait,
wait
```

```
imageUpdate
```

```
getFont, postEvent, remove
```

Methods inherited from interface javax.accessibility.Accessible

getAccessibleContext

Methods inherited from interface java.awt.MenuContainer

getFont, postEvent, remove

Methods inherited from interface javax.accessibility.Accessible

getAccessibleContext

Methods inherited from interface javax.swing.RootPaneContainer

getContentPane, getGlassPane, getLayeredPane, getRootPane, setContentPane, setGlassPane, setLayeredPane

Methods inherited from interface javax.swing.TransferHandler.HasGetTransferHandler

getTransferHandler

Constructors

GUIFrame

public **GUIFrame**()

Construtor for building GUIFrame for TweakMC

Methods

setFocusComponent

public static void **setFocusComponent**(javax.swing.JComponent actComp)

Set a JComponent in focus then requested

Parameters:

actComp - to set in focus

setDefaultButton

public static void **setDefaultButton**(javax.swing.JButton actButton)

Set default button in a given window

Parameters:

actButton - to set as default

main

public static void **main**(java.lang.String[] args)

(continued from last page)

Parameters:

args - the command line arguments

tweakmc.view Class JavaHelp

java.lang.Object

└─tweakmc.view.JavaHelp

public class **JavaHelp**
extends java.lang.Object

Constructor Summary

| | |
|--------|----------------------------|
| public | JavaHelp() |
|--------|----------------------------|

Method Summary

| | |
|-------------|---|
| static void | main() Creates the JavaHelp frame by calling the helpset file. |
|-------------|---|

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructors

JavaHelp

public **JavaHelp**()

Methods

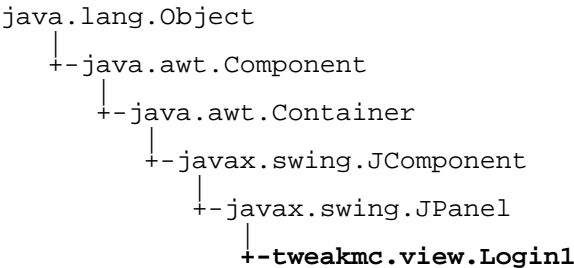
main

public static void **main**()

Creates the JavaHelp frame by calling the helpset file. When done, the frame is created and the helpViewer are added to the content pane

tweakmc.view

Class Login1



All Implemented Interfaces:
java.io.Serializable, java.awt.MenuContainer, java.awt.image.ImageObserver,
javax.swing.TransferHandler.HasGetTransferHandler, java.io.Serializable, javax.accessibility.Accessible

```
public class Login1
extends javax.swing.JPanel
```

| Fields inherited from class javax.swing.JComponent |
|---|
| accessibleContext, listenerList, TOOL_TIP_TEXT_KEY, ui, UNDEFINED_CONDITION, WHEN_ANCESTOR_OF_FOCUSED_COMPONENT, WHEN_FOCUSED, WHEN_IN_FOCUSED_WINDOW |
| Fields inherited from class java.awt.Component |
| BOTTOM_ALIGNMENT, CENTER_ALIGNMENT, LEFT_ALIGNMENT, RIGHT_ALIGNMENT, TOP_ALIGNMENT |
| Fields inherited from interface java.awt.image.ImageObserver |
| ABORT, ALLBITS, ERROR, FRAMEBITS, HEIGHT, PROPERTIES, SOMEBITS, WIDTH |

| Constructor Summary | |
|---------------------|---|
| public | Login1 (javax.swing.JTabbedPane jtp) Creates new form Login1 |

| Method Summary | |
|--------------------|--|
| javax.swing.JPanel | getPanel () Send the loginPanel with all design |

| Methods inherited from class javax.swing.JPanel | |
|---|--|
| getAccessibleContext, getUI, getUIClassID, paramString, setUI, updateUI | |
| Methods inherited from class javax.swing.JComponent | |

```

addAncestorListener, addNotify, addVetoableChangeListener, computeVisibleRect,
contains, createToolTip, disable, enable, firePropertyChange, firePropertyChange,
firePropertyChange, fireVetoableChange, getAccessibleContext, getActionForKeyStroke,
getActionMap, getAlignmentX, getAlignmentY, getAncestorListeners, getAutoscrolls,
getBaseline, getBaselineResizeBehavior, getBorder, getBounds, getClientProperty,
getComponentGraphics, getComponentPopupMenu, getConditionForKeyStroke,
getDebugGraphicsOptions, getDefaultLocale, getFontMetrics, getGraphics, getHeight,
getInheritsPopupMenu, getInputMap, getInputMap, getInputVerifier, getInsets,
getInsets, getListeners, getLocation, getMaximumSize, getMinimumSize,
getNextFocusableComponent, getPopupLocation, getPreferredSize,
getRegisteredKeyStrokes, getRootPane, getSize, getToolTipLocation, getToolTipText,
getToolTipText, getTopLevelAncestor, getTransferHandler, getUIClassID,
getVerifyInputWhenFocusTarget, getVetoableChangeListeners, getVisibleRect, getWidth,
getX, getY, grabFocus, isDoubleBuffered, isLightweightComponent, isManagingFocus,
isOpaque, isOptimizedDrawingEnabled, isPaintingForPrint, isPaintingTile,
isRequestFocusEnabled, isValidRoot, paint, paintBorder, paintChildren,
paintComponent, paintImmediately, paintImmediately, paramString, print, printAll,
printBorder, printChildren, printComponent, processComponentKeyEvent,
processKeyBinding, processKeyEvent, processMouseEvent, processMouseEvent,
putClientProperty, registerKeyboardAction, registerKeyboardAction,
removeAncestorListener, removeNotify, removeVetoableChangeListener, repaint, repaint,
requestDefaultFocus, requestFocus, requestFocus, requestFocusInWindow,
requestFocusInWindow, resetKeyboardActions, reshape, revalidate, scrollRectToVisible,
setActionMap, setAlignmentX, setAlignmentY, setAutoscrolls, setBackground, setBorder,
setComponentPopupMenu, setDebugGraphicsOptions, setDefaultLocale, setDoubleBuffered,
setEnabled, setFocusTraversalKeys, setFont, setForeground, setInheritsPopupMenu,
setInputMap, setInputVerifier, setMaximumSize, setMinimumSize,
setNextFocusableComponent, setOpaque, setPreferredSize, setRequestFocusEnabled,
setToolTipText, setTransferHandler, setUI, setVerifyInputWhenFocusTarget, setVisible,
unregisterKeyboardAction, update, updateUI

```

Methods inherited from class java.awt.Container

```

add, add, add, add, add, addContainerListener, addImpl, addNotify,
addPropertyChangeListener, addPropertyChangeListener, applyComponentOrientation,
areFocusTraversalKeysSet, countComponents, deliverEvent, doLayout, findComponentAt,
findComponentAt, getAlignmentX, getAlignmentY, getComponent, getComponentAt,
getComponentAt, getComponentCount, getComponents, getComponentZOrder,
getContainerListeners, getFocusTraversalKeys, getFocusTraversalPolicy, getInsets,
getLayout, getListeners, getMaximumSize, getMinimumSize, getMousePosition,
getPreferredSize, insets, invalidate, isAncestorOf, isFocusCycleRoot,
isFocusCycleRoot, isFocusTraversalPolicyProvider, isFocusTraversalPolicySet, layout,
list, list, locate, minimumSize, paint, paintComponents, paramString, preferredSize,
print, printComponents, processContainerEvent, processEvent, remove, remove,
removeAll, removeContainerListener, removeNotify, setComponentZOrder,
setFocusCycleRoot, setFocusTraversalKeys, setFocusTraversalPolicy,
setFocusTraversalPolicyProvider, setFont, setLayout, transferFocusBackward,
transferFocusDownCycle, update, validate, validateTree

```

Methods inherited from class java.awt.Component

```
clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait,
wait
```

```
imageUpdate
```

```
getFont, postEvent, remove
```

Methods inherited from interface javax.swing.TransferHandler.HasGetTransferHandler

getTransferHandler

Methods inherited from interface javax.accessibility.Accessible

getAccessibleContext

Constructors

Login1

```
public Login1( javax.swing.JTabbedPane jtp)
```

Creates new form Login1

Parameters:

jtp - maintabframe

Methods

getPanel

```
public javax.swing.JPanel getPanel()
```

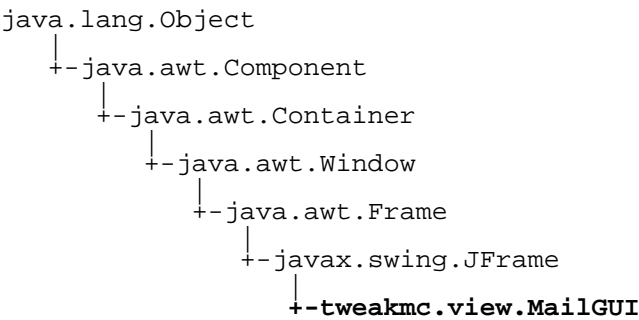
Send the loginPanel with all design

Returns:

loginPanel

tweakmc.view

Class MailGUI



All Implemented Interfaces:
java.io.Serializable, java.awt.MenuContainer, java.awt.image.ImageObserver, javax.accessibility.Accessible, java.awt.MenuContainer, javax.swing.TransferHandler.HasGetTransferHandler, javax.swing.RootPaneContainer, javax.accessibility.Accessible, javax.swing.WindowConstants

public class **MailGUI**
extends javax.swing.JFrame

| Fields inherited from class javax.swing.JFrame |
|--|
| accessibleContext, EXIT_ON_CLOSE, rootPane, rootPaneCheckingEnabled |
| Fields inherited from class java.awt.Frame |
| CROSSHAIR_CURSOR, DEFAULT_CURSOR, E_RESIZE_CURSOR, HAND_CURSOR, ICONIFIED, MAXIMIZED_BOTH, MAXIMIZED_HORIZ, MAXIMIZED_VERT, MOVE_CURSOR, N_RESIZE_CURSOR, NE_RESIZE_CURSOR, NORMAL, NW_RESIZE_CURSOR, S_RESIZE_CURSOR, SE_RESIZE_CURSOR, SW_RESIZE_CURSOR, TEXT_CURSOR, W_RESIZE_CURSOR, WAIT_CURSOR |
| Fields inherited from class java.awt.Component |
| BOTTOM_ALIGNMENT, CENTER_ALIGNMENT, LEFT_ALIGNMENT, RIGHT_ALIGNMENT, TOP_ALIGNMENT |
| Fields inherited from interface java.awt.image.ImageObserver |
| ABORT, ALLBITS, ERROR, FRAMEBITS, HEIGHT, PROPERTIES, SOMEBITS, WIDTH |
| Fields inherited from interface javax.swing.WindowConstants |
| DISPOSE_ON_CLOSE, DO_NOTHING_ON_CLOSE, EXIT_ON_CLOSE, HIDE_ON_CLOSE |

Constructor Summary

| | |
|--------|---|
| public | MailGUI() Creates new form MailGUI |
|--------|---|

Method Summary

void

[showOKdialog\(\)](#)

Displays a message dialog box if mail was send succesfully

Methods inherited from class javax.swing.JFrame

addImpl, createRootPane, frameInit, getAccessibleContext, getContentPane, getDefaultCloseOperation, getGlassPane, getGraphics, getJMenuBar, getLayeredPane, getRootPane, getTransferHandler, isDefaultLookAndFeelDecorated, isRootPaneCheckingEnabled, paramString, processWindowEvent, remove, repaint, setContentPane, setDefaultCloseOperation, setDefaultLookAndFeelDecorated, setGlassPane, setIconImage, setJMenuBar, setLayeredPane, setLayout, setRootPane, setRootPaneCheckingEnabled, setTransferHandler, update

Methods inherited from class java.awt.Frame

addNotify, getAccessibleContext, getCursorType, getExtendedState, getFrames, getIconImage, getMaximizedBounds, getMenuBar, getState, getTitle, isResizable, isUndecorated, paramString, remove, removeNotify, setCursor, setExtendedState, setIconImage, setMaximizedBounds, setMenuBar, setResizable, setState, setTitle, setUndecorated

Methods inherited from class java.awt.Window

addNotify, addPropertyChangeListener, addPropertyChangeListener, addWindowFocusListener, addWindowListener, addWindowStateListener, applyResourceBundle, applyResourceBundle, createBufferStrategy, createBufferStrategy, dispose, getAccessibleContext, getBufferStrategy, getFocusableWindowState, getFocusCycleRootAncestor, getFocusOwner, getFocusTraversalKeys, getGraphicsConfiguration, getIconImages, getInputContext, getListeners, getLocale, getModalExclusionType, getMostRecentFocusOwner, getOwnedWindows, getOwner, getOwnerlessWindows, getToolkit, getWarningString, getWindowFocusListeners, getWindowListeners, getWindows, getWindowStateListeners, hide, isActive, isAlwaysOnTop, isAlwaysOnTopSupported, isFocusableWindow, isFocusCycleRoot, isFocused, isLocationByPlatform, isShowing, pack, paint, postEvent, processEvent, processWindowEvent, processWindowFocusEvent, processWindowStateEvent, removeNotify, removeWindowFocusListener, removeWindowListener, removeWindowStateListener, reshape, setAlwaysOnTop, setBounds, setBounds, setCursor, setFocusableWindowState, setFocusCycleRoot, setIconImage, setIconImages, setLocationByPlatform, setLocationRelativeTo, setMinimumSize, setModalExclusionType, setSize, setSize, setVisible, show, toBack, toFront

Methods inherited from class java.awt.Container

add, add, add, add, add, addContainerListener, addImpl, addNotify, addPropertyChangeListener, addPropertyChangeListener, applyComponentOrientation, areFocusTraversalKeysSet, countComponents, deliverEvent, doLayout, findComponentAt, findComponentAt, getAlignmentX, getAlignmentY, getComponent, getComponentAt, getComponentAt, getComponentCount, getComponents, getComponentZOrder, getContainerListeners, getFocusTraversalKeys, getFocusTraversalPolicy, getInsets, getLayout, getListeners, getMaximumSize, getMinimumSize, getMousePosition, getPreferredSize, insets, invalidate, isAncestorOf, isFocusCycleRoot, isFocusCycleRoot, isFocusTraversalPolicyProvider, isFocusTraversalPolicySet, layout, list, list, locate, minimumSize, paint, paintComponents, paramString, preferredSize, print, printComponents, processContainerEvent, processEvent, remove, remove, removeAll, removeContainerListener, removeNotify, setComponentZOrder, setFocusCycleRoot, setFocusTraversalKeys, setFocusTraversalPolicy, setFocusTraversalPolicyProvider, setFont, setLayout, transferFocusBackward, transferFocusDownCycle, update, validate, validateTree

Methods inherited from class `java.lang.Object`

Methods inherited from interface `java.awt.image.ImageObserver`

Methods inherited from interface `java.awt.MenuContainer`

```
getFont, postEvent, remove
```

Methods inherited from interface `javax.accessibility.Accessible`

```
getAccessibleContext
```

Methods inherited from interface `java.awt.MenuContainer`

```
getFont, postEvent, remove
```

Methods inherited from interface `javax.accessibility.Accessible`

```
getAccessibleContext
```

Methods inherited from interface `javax.swing.RootPaneContainer`

```
getContentPane, getGlassPane, getLayeredPane, getRootPane, setContentPane,  
setGlassPane, setLayeredPane
```

Methods inherited from interface `javax.swing.TransferHandler.HasGetTransferHandler`

```
getTransferHandler
```

Constructors

MailGUI

```
public MailGUI()
```

Creates new form MailGUI

Methods

showOKdialog

```
public void showOKdialog()
```

Displays a message dialog box if mail was send succesfully

tweakmc.view

Class ManageSpreadsheetView

java.lang.Object

└─tweakmc.view.ManageSpreadsheetView

public class **ManageSpreadsheetView**
extends java.lang.Object

Constructor Summary

| | |
|--------|--|
| public | ManageSpreadsheetView (javax.swing.JTable actTable, java.lang.String vehicleID, java.lang.String workStationName) Present actual table |
| public | ManageSpreadsheetView (javax.swing.JTable actTable, java.lang.String vehicleID, java.lang.String workStationName, java.lang.String resultName, java.lang.String mechanicComment, java.lang.String customerComment) |

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructors

ManageSpreadsheetView

```
public ManageSpreadsheetView(javax.swing.JTable actTable,
                             java.lang.String vehicleID,
                             java.lang.String workStationName)
```

Present actual table

Parameters:

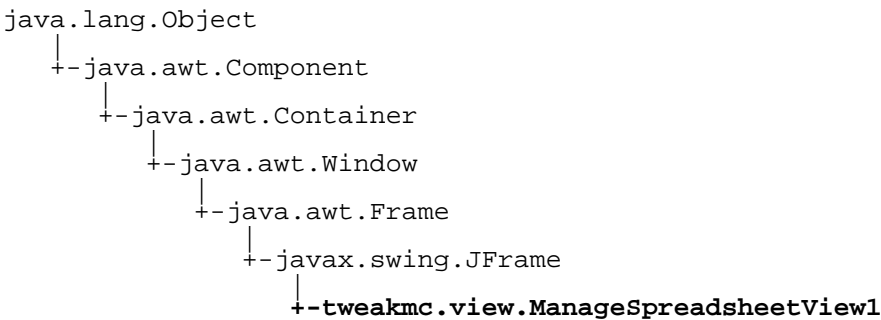
actTable - to present
p - the point from the cursor there the frame shoul buil
screenSize

ManageSpreadsheetView

```
public ManageSpreadsheetView(javax.swing.JTable actTable,
                             java.lang.String vehicleID,
                             java.lang.String workStationName,
                             java.lang.String resultName,
                             java.lang.String mechanicComment,
                             java.lang.String customerComment)
```

tweakmc.view

Class ManageSpreadsheetView1



All Implemented Interfaces:
java.io.Serializable, java.awt.MenuContainer, java.awt.image.ImageObserver, javax.accessibility.Accessible, java.awt.MenuContainer, javax.swing.TransferHandler.HasGetTransferHandler, javax.swing.RootPaneContainer, javax.accessibility.Accessible, javax.swing.WindowConstants

public class **ManageSpreadsheetView1**
extends javax.swing.JFrame

| |
|--|
| Fields inherited from class javax.swing.JFrame |
| accessibleContext, EXIT_ON_CLOSE, rootPane, rootPaneCheckingEnabled |
| Fields inherited from class java.awt.Frame |
| CROSSHAIR_CURSOR, DEFAULT_CURSOR, E_RESIZE_CURSOR, HAND_CURSOR, ICONIFIED, MAXIMIZED_BOTH, MAXIMIZED_HORIZ, MAXIMIZED_VERT, MOVE_CURSOR, N_RESIZE_CURSOR, NE_RESIZE_CURSOR, NORMAL, NW_RESIZE_CURSOR, S_RESIZE_CURSOR, SE_RESIZE_CURSOR, SW_RESIZE_CURSOR, TEXT_CURSOR, W_RESIZE_CURSOR, WAIT_CURSOR |
| Fields inherited from class java.awt.Component |
| BOTTOM_ALIGNMENT, CENTER_ALIGNMENT, LEFT_ALIGNMENT, RIGHT_ALIGNMENT, TOP_ALIGNMENT |
| Fields inherited from interface java.awt.image.ImageObserver |
| ABORT, ALLBITS, ERROR, FRAMEBITS, HEIGHT, PROPERTIES, SOMEBITS, WIDTH |
| Fields inherited from interface javax.swing.WindowConstants |
| DISPOSE_ON_CLOSE, DO_NOTHING_ON_CLOSE, EXIT_ON_CLOSE, HIDE_ON_CLOSE |

| | |
|----------------------------|---|
| Constructor Summary | |
| public | ManageSpreadsheetView1 (javax.swing.JTable actTable, java.lang.String vehicleID, java.lang.String workStationName) Creates new form ManageSpreadsheetView1 |

Method Summary

| | |
|-------------|--|
| static void | main (java.lang.String[] args) |
|-------------|--|

Methods inherited from class javax.swing.JFrame

addImpl, createRootPane, frameInit, getAccessibleContext, getContentPane, getDefaultCloseOperation, getGlassPane, getGraphics, getJMenuBar, getLayeredPane, getRootPane, getTransferHandler, isDefaultLookAndFeelDecorated, isRootPaneCheckingEnabled, paramString, processWindowEvent, remove, repaint, setContentPane, setDefaultCloseOperation, setDefaultLookAndFeelDecorated, setGlassPane, setIconImage, setJMenuBar, setLayeredPane, setLayout, setRootPane, setRootPaneCheckingEnabled, setTransferHandler, update

Methods inherited from class java.awt.Frame

addNotify, getAccessibleContext, getCursorType, getExtendedState, getFrames, getIconImage, getMaximizedBounds, getMenuBar, getState, getTitle, isResizable, isUndecorated, paramString, remove, removeNotify, setCursor, setExtendedState, setIconImage, setMaximizedBounds, setMenuBar, setResizable, setState, setTitle, setUndecorated

Methods inherited from class java.awt.Window

addNotify, addPropertyChangeListener, addPropertyChangeListener, addWindowFocusListener, addWindowListener, addWindowStateListener, applyResourceBundle, applyResourceBundle, createBufferStrategy, createBufferStrategy, dispose, getAccessibleContext, getBufferStrategy, getFocusableWindowState, getFocusCycleRootAncestor, getFocusOwner, getFocusTraversalKeys, getGraphicsConfiguration, getIconImages, getInputContext, getListeners, getLocale, getModalExclusionType, getMostRecentFocusOwner, getOwnedWindows, getOwner, getOwnerlessWindows, getToolkit, getWarningString, getWindowFocusListeners, getWindowListeners, getWindows, getWindowStateListeners, hide, isActive, isAlwaysOnTop, isAlwaysOnTopSupported, isFocusableWindow, isFocusCycleRoot, isFocused, isLocationByPlatform, isShowing, pack, paint, postEvent, processEvent, processWindowEvent, processWindowFocusEvent, processWindowStateEvent, removeNotify, removeWindowFocusListener, removeWindowListener, removeWindowStateListener, reshape, setAlwaysOnTop, setBounds, setBounds, setCursor, setFocusableWindowState, setFocusCycleRoot, setIconImage, setIconImages, setLocationByPlatform, setLocationRelativeTo, setMinimumSize, setModalExclusionType, setSize, setSize, setVisible, show, toBack, toFront

Methods inherited from class java.awt.Container

add, add, add, add, add, addContainerListener, addImpl, addNotify, addPropertyChangeListener, addPropertyChangeListener, applyComponentOrientation, areFocusTraversalKeysSet, countComponents, deliverEvent, doLayout, findComponentAt, findComponentAt, getAlignmentX, getAlignmentY, getComponent, getComponentAt, getComponentAt, getComponentCount, getComponents, getComponentZOrder, getContainerListeners, getFocusTraversalKeys, getFocusTraversalPolicy, getInsets, getLayout, getListeners, getMaximumSize, getMinimumSize, getMousePosition, getPreferredSize, insets, invalidate, isAncestorOf, isFocusCycleRoot, isFocusCycleRoot, isFocusTraversalPolicyProvider, isFocusTraversalPolicySet, layout, list, list, locate, minimumSize, paint, paintComponents, paramString, preferredSize, print, printComponents, processContainerEvent, processEvent, remove, remove, removeAll, removeContainerListener, removeNotify, setComponentZOrder, setFocusCycleRoot, setFocusTraversalKeys, setFocusTraversalPolicy, setFocusTraversalPolicyProvider, setFont, setLayout, transferFocusBackward, transferFocusDownCycle, update, validate, validateTree

Methods inherited from class `java.awt.Component`

`action`, `add`, `addComponentListener`, `addFocusListener`, `addHierarchyBoundsListener`,
`addHierarchyListener`, `addInputMethodListener`, `addKeyListener`, `addMouseListener`,
`addMouseMotionListener`, `addMouseWheelListener`, `addNotify`, `addPropertyChangeListener`,
`addPropertyChangeListener`, `applyComponentOrientation`, `areFocusTraversalKeysSet`,
`bounds`, `checkImage`, `checkImage`, `coalesceEvents`, `contains`, `contains`, `createImage`,
`createImage`, `createVolatileImage`, `createVolatileImage`, `deliverEvent`, `disable`,
`disableEvents`, `dispatchEvent`, `doLayout`, `enable`, `enable`, `enableEvents`,
`enableInputMethods`, `firePropertyChange`, `firePropertyChange`, `firePropertyChange`,
`firePropertyChange`, `firePropertyChange`, `firePropertyChange`, `firePropertyChange`,
`firePropertyChange`, `firePropertyChange`, `getAccessibleContext`, `getAlignmentX`,
`getAlignmentY`, `getBackground`, `getBaseline`, `getBaselineResizeBehavior`, `getBounds`,
`getBounds`, `getColorModel`, `getComponentAt`, `getComponentAt`, `getComponentListeners`,
`getComponentOrientation`, `getCursor`, `getDropTarget`, `getFocusCycleRootAncestor`,
`getFocusListeners`, `getFocusTraversalKeys`, `getFocusTraversalKeysEnabled`, `getFont`,
`getFontMetrics`, `getForeground`, `getGraphics`, `getGraphicsConfiguration`, `getHeight`,
`getHierarchyBoundsListeners`, `getHierarchyListeners`, `getIgnoreRepaint`,
`getInputContext`, `getInputMethodListeners`, `getInputMethodRequests`, `getKeyListeners`,
`getListeners`, `getLocale`, `getLocation`, `getLocation`, `getLocationOnScreen`,
`getMaximumSize`, `getMinimumSize`, `getMouseListeners`, `getMouseMotionListeners`,
`getMousePosition`, `getMouseWheelListeners`, `getName`, `getParent`, `getPeer`,
`getPreferredSize`, `getPropertyChangeListeners`, `getPropertyChangeListeners`, `getSize`,
`getSize`, `getToolkit`, `getTreeLock`, `getWidth`, `getX`, `getY`, `gotFocus`, `handleEvent`,
`hasFocus`, `hide`, `imageUpdate`, `inside`, `invalidate`, `isBackgroundSet`, `isCursorSet`,
`isDisplayable`, `isDoubleBuffered`, `isEnabled`, `isFocusable`, `isFocusCycleRoot`,
`isFocusOwner`, `isFocusTraversable`, `isFontSet`, `isForegroundSet`, `isLightweight`,
`isMaximumSizeSet`, `isMinimumSizeSet`, `isOpaque`, `isPreferredSizeSet`, `isShowing`, `isValid`,
`isVisible`, `keyDown`, `keyUp`, `layout`, `list`, `list`, `list`, `list`, `list`, `locate`, `location`,
`lostFocus`, `minimumSize`, `mouseDown`, `mouseDrag`, `mouseEnter`, `mouseExit`, `mouseMove`,
`mouseUp`, `move`, `nextFocus`, `paint`, `paintAll`, `paramString`, `postEvent`, `preferredSize`,
`prepareImage`, `prepareImage`, `print`, `printAll`, `processComponentEvent`, `processEvent`,
`processFocusEvent`, `processHierarchyBoundsEvent`, `processHierarchyEvent`,
`processInputMethodEvent`, `processKeyEvent`, `processMouseEvent`, `processMouseMotionEvent`,
`processMouseWheelEvent`, `remove`, `removeComponentListener`, `removeFocusListener`,
`removeHierarchyBoundsListener`, `removeHierarchyListener`, `removeInputMethodListener`,
`removeKeyListener`, `removeMouseListener`, `removeMouseMotionListener`,
`removeMouseWheelListener`, `removeNotify`, `removePropertyChangeListener`,
`removePropertyChangeListener`, `repaint`, `repaint`, `repaint`, `repaint`, `requestFocus`,
`requestFocus`, `requestFocusInWindow`, `requestFocusInWindow`, `reshape`, `resize`, `resize`,
`setBackground`, `setBounds`, `setBounds`, `setComponentOrientation`, `setCursor`,
`setDropTarget`, `setEnabled`, `setFocusable`, `setFocusTraversalKeys`,
`setFocusTraversalKeysEnabled`, `setFont`, `setForeground`, `setIgnoreRepaint`, `setLocale`,
`setLocation`, `setLocation`, `setMaximumSize`, `setMinimumSize`, `setName`, `setPreferredSize`,
`setSize`, `setSize`, `setVisible`, `show`, `show`, `size`, `toString`, `transferFocus`,
`transferFocusBackward`, `transferFocusUpCycle`, `update`, `validate`

Methods inherited from class `java.lang.Object`

`clone`, `equals`, `finalize`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`,
`wait`

Methods inherited from interface `java.awt.image.ImageObserver`

`imageUpdate`

Methods inherited from interface `java.awt.MenuContainer`


```
getFont, postEvent, remove
```

Methods inherited from interface `javax.accessibility.Accessible`

```
getAccessibleContext
```

Methods inherited from interface `java.awt.MenuContainer`

```
getFont, postEvent, remove
```

Methods inherited from interface `javax.accessibility.Accessible`

```
getAccessibleContext
```

Methods inherited from interface `javax.swing.RootPaneContainer`

```
getContentPane, getGlassPane, getLayeredPane, getRootPane, setContentPane,  
setGlassPane, setLayeredPane
```

Methods inherited from interface `javax.swing.TransferHandler.HasGetTransferHandler`

```
getTransferHandler
```

Constructors

ManageSpreadsheetView1

```
public ManageSpreadsheetView1(javax.swing.JTable actTable,  
                               java.lang.String vehicleID,  
                               java.lang.String workStationName)
```

Creates new form ManageSpreadsheetView1

Methods

main

```
public static void main(java.lang.String[] args)
```

Parameters:

`args` - the command line arguments

tweakmc.view Class NameColumns

```

java.lang.Object
  |-- java.awt.Component
        |-- java.awt.Container
              |-- java.awt.Window
                    |-- java.awt.Frame
                          |-- javax.swing.JFrame
                                |-- tweakmc.view.NameColumns
  
```

All Implemented Interfaces:

java.io.Serializable, java.awt.MenuContainer, java.awt.image.ImageObserver, javax.accessibility.Accessible, java.awt.MenuContainer, javax.swing.TransferHandler.HasGetTransferHandler, javax.swing.RootPaneContainer, javax.accessibility.Accessible, javax.swing.WindowConstants

```

public class NameColumns
extends javax.swing.JFrame
  
```

Fields inherited from class javax.swing.JFrame

accessibleContext, EXIT_ON_CLOSE, rootPane, rootPaneCheckingEnabled

Fields inherited from class java.awt.Frame

CROSSHAIR_CURSOR, DEFAULT_CURSOR, E_RESIZE_CURSOR, HAND_CURSOR, ICONIFIED, MAXIMIZED_BOTH, MAXIMIZED_HORIZ, MAXIMIZED_VERT, MOVE_CURSOR, N_RESIZE_CURSOR, NE_RESIZE_CURSOR, NORMAL, NW_RESIZE_CURSOR, S_RESIZE_CURSOR, SE_RESIZE_CURSOR, SW_RESIZE_CURSOR, TEXT_CURSOR, W_RESIZE_CURSOR, WAIT_CURSOR

Fields inherited from class java.awt.Component

BOTTOM_ALIGNMENT, CENTER_ALIGNMENT, LEFT_ALIGNMENT, RIGHT_ALIGNMENT, TOP_ALIGNMENT

Fields inherited from interface java.awt.image.ImageObserver

ABORT, ALLBITS, ERROR, FRAMEBITS, HEIGHT, PROPERTIES, SOMEBITS, WIDTH

Fields inherited from interface javax.swing.WindowConstants

DISPOSE_ON_CLOSE, DO_NOTHING_ON_CLOSE, EXIT_ON_CLOSE, HIDE_ON_CLOSE

Method Summary

| | |
|------------------------------------|---|
| static NameColumns | getInstance (int noOfColumns) |
| static java.lang.String[] | getUserDefinedColumnNames () Return all the userdefined column names |

| | |
|------------------------------|--|
| static java.lang.String[] | getUserDefinedCylinderNo() Return the userdefined cylinder number |
| static void | main (java.lang.String[] args) |

Methods inherited from class javax.swing.JFrame

addImpl, createRootPane, frameInit, getAccessibleContext, getContentPane, getDefaultCloseOperation, getGlassPane, getGraphics, getJMenuBar, getLayeredPane, getRootPane, getTransferHandler, isDefaultLookAndFeelDecorated, isRootPaneCheckingEnabled, paramString, processWindowEvent, remove, repaint, setContentPane, setDefaultCloseOperation, setDefaultLookAndFeelDecorated, setGlassPane, setIconImage, setJMenuBar, setLayeredPane, setLayout, setRootPane, setRootPaneCheckingEnabled, setTransferHandler, update

Methods inherited from class java.awt.Frame

addNotify, getAccessibleContext, getCursorType, getExtendedState, getFrames, getIconImage, getMaximizedBounds, getMenuBar, getState, getTitle, isResizable, isUndecorated, paramString, remove, removeNotify, setCursor, setExtendedState, setIconImage, setMaximizedBounds, setMenuBar, setResizable, setState, setTitle, setUndecorated

Methods inherited from class java.awt.Window

addNotify, addPropertyChangeListener, addPropertyChangeListener, addWindowFocusListener, addWindowListener, addWindowStateListener, applyResourceBundle, applyResourceBundle, createBufferStrategy, createBufferStrategy, dispose, getAccessibleContext, getBufferStrategy, getFocusableWindowState, getFocusCycleRootAncestor, getFocusOwner, getFocusTraversalKeys, getGraphicsConfiguration, getIconImages, getInputContext, getListeners, getLocale, getModalExclusionType, getMostRecentFocusOwner, getOwnedWindows, getOwner, getOwnerlessWindows, getToolkit, getWarningString, getWindowFocusListeners, getWindowListeners, getWindows, getWindowStateListeners, hide, isActive, isAlwaysOnTop, isAlwaysOnTopSupported, isFocusableWindow, isFocusCycleRoot, isFocused, isLocationByPlatform, isShowing, pack, paint, postEvent, processEvent, processWindowEvent, processWindowFocusEvent, processWindowStateEvent, removeNotify, removeWindowFocusListener, removeWindowListener, removeWindowStateListener, reshape, setAlwaysOnTop, setBounds, setBounds, setCursor, setFocusableWindowState, setFocusCycleRoot, setIconImage, setIconImages, setLocationByPlatform, setLocationRelativeTo, setMinimumSize, setModalExclusionType, setSize, setSize, setVisible, show, toBack, toFront

Methods inherited from class java.awt.Container

```
add, add, add, add, add, addContainerListener, addImpl, addNotify,
addPropertyChangeListener, addPropertyChangeListener, applyComponentOrientation,
areFocusTraversalKeysSet, countComponents, deliverEvent, doLayout, findComponentAt,
findComponentAt, getAlignmentX, getAlignmentY, getComponent, getComponentAt,
getComponentAt, getComponentCount, getComponents, getComponentZOrder,
getContainerListeners, getFocusTraversalKeys, getFocusTraversalPolicy, getInsets,
getLayout, getListeners, getMaximumSize, getMinimumSize, getMousePosition,
getPreferredSize, insets, invalidate, isAncestorOf, isFocusCycleRoot,
isFocusCycleRoot, isFocusTraversalPolicyProvider, isFocusTraversalPolicySet, layout,
list, list, locate, minimumSize, paint, paintComponents, paramString, preferredSize,
print, printComponents, processContainerEvent, processEvent, remove, remove,
removeAll, removeContainerListener, removeNotify, setComponentZOrder,
setFocusCycleRoot, setFocusTraversalKeys, setFocusTraversalPolicy,
setFocusTraversalPolicyProvider, setFont, setLayout, transferFocusBackward,
transferFocusDownCycle, update, validate, validateTree
```

Methods inherited from class `java.awt.Component`

```
clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait,
wait
```

```
imageUpdate
```

```
getFont, postEvent, remove
```

Methods inherited from interface javax.accessibility.Accessible`getAccessibleContext`**Methods inherited from interface** java.awt.MenuContainer`getFont, postEvent, remove`**Methods inherited from interface** javax.accessibility.Accessible`getAccessibleContext`**Methods inherited from interface** javax.swing.RootPaneContainer`getContentPane, getGlassPane, getLayeredPane, getRootPane, setContentPane, setGlassPane, setLayeredPane`**Methods inherited from interface** javax.swing.TransferHandler.HasGetTransferHandler`getTransferHandler`

Methods

getInstance

```
public static NameColumns getInstance(int noOfColumns)
```

main

```
public static void main(java.lang.String[] args)
```

Parameters:

args - the command line arguments

getUserDefinedColumnNames

```
public static java.lang.String[] getUserDefinedColumnNames()
```

Return all the userdefined column names

Returns:

userdefined column names

getUserDefinedCylinderNo

```
public static java.lang.String[] getUserDefinedCylinderNo()
```

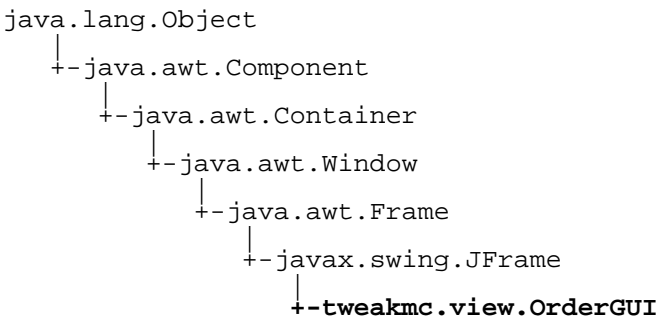
Return the userdefined cylinder number

Returns:

Array with cylinder numbers

tweakmc.view

Class OrderGUI



All Implemented Interfaces:
java.io.Serializable, java.awt.MenuContainer, java.awt.image.ImageObserver, javax.accessibility.Accessible, java.awt.MenuContainer, javax.swing.TransferHandler.HasGetTransferHandler, javax.swing.RootPaneContainer, javax.accessibility.Accessible, javax.swing.WindowConstants

public class **OrderGUI**
extends javax.swing.JFrame

GUI for the order section in the mainGUI.

| |
|---|
| Fields inherited from class javax.swing.JFrame |
| accessibleContext, EXIT_ON_CLOSE, rootPane, rootPaneCheckingEnabled |

| |
|--|
| Fields inherited from class java.awt.Frame |
| CROSSHAIR_CURSOR, DEFAULT_CURSOR, E_RESIZE_CURSOR, HAND_CURSOR, ICONIFIED, MAXIMIZED_BOTH, MAXIMIZED_HORIZ, MAXIMIZED_VERT, MOVE_CURSOR, N_RESIZE_CURSOR, NE_RESIZE_CURSOR, NORMAL, NW_RESIZE_CURSOR, S_RESIZE_CURSOR, SE_RESIZE_CURSOR, SW_RESIZE_CURSOR, TEXT_CURSOR, W_RESIZE_CURSOR, WAIT_CURSOR |

| |
|--|
| Fields inherited from class java.awt.Component |
| BOTTOM_ALIGNMENT, CENTER_ALIGNMENT, LEFT_ALIGNMENT, RIGHT_ALIGNMENT, TOP_ALIGNMENT |

| |
|---|
| Fields inherited from interface java.awt.image.ImageObserver |
| ABORT, ALLBITS, ERROR, FRAMEBITS, HEIGHT, PROPERTIES, SOMEBITS, WIDTH |

| |
|---|
| Fields inherited from interface javax.swing.WindowConstants |
| DISPOSE_ON_CLOSE, DO_NOTHING_ON_CLOSE, EXIT_ON_CLOSE, HIDE_ON_CLOSE |

| | |
|----------------------------|---|
| Constructor Summary | |
| public | OrderGUI() Creates new form OrderGUI |

Method Summary

| | |
|--------------------|---|
| void | enterSearchDetails (java.lang.String searchCriteria) This method ask the controller-layer to perform a search for an owner Search results are set from the results of the controller-layer as multiple lists of Owner-objects, strings and ints. |
| javax.swing.JPanel | getPanel () Helper method for adding the panel into the main GUI class |

Methods inherited from class javax.swing.JFrame

addImpl, createRootPane, frameInit, getAccessibleContext, getContentPane, getDefaultCloseOperation, getGlassPane, getGraphics, getJMenuBar, getLayeredPane, getRootPane, getTransferHandler, isDefaultLookAndFeelDecorated, isRootPaneCheckingEnabled, paramString, processWindowEvent, remove, repaint, setContentPane, setDefaultCloseOperation, setDefaultLookAndFeelDecorated, setGlassPane, setIconImage, setJMenuBar, setLayeredPane, setLayout, setRootPane, setRootPaneCheckingEnabled, setTransferHandler, update

Methods inherited from class java.awt.Frame

addNotify, getAccessibleContext, getCursorType, getExtendedState, getFrames, getIconImage, getMaximizedBounds, getMenuBar, getState, getTitle, isResizable, isUndecorated, paramString, remove, removeNotify, setCursor, setExtendedState, setIconImage, setMaximizedBounds, setMenuBar, setResizable, setState, setTitle, setUndecorated

Methods inherited from class java.awt.Window

addNotify, addPropertyChangeListener, addPropertyChangeListener, addWindowFocusListener, addWindowListener, addWindowStateListener, applyResourceBundle, applyResourceBundle, createBufferStrategy, createBufferStrategy, dispose, getAccessibleContext, getBufferStrategy, getFocusableWindowState, getFocusCycleRootAncestor, getFocusOwner, getFocusTraversalKeys, getGraphicsConfiguration, getIconImages, getInputContext, getListeners, getLocale, getModalExclusionType, getMostRecentFocusOwner, getOwnedWindows, getOwner, getOwnerlessWindows, getToolkit, getWarningString, getWindowFocusListeners, getWindowListeners, getWindows, getWindowStateListeners, hide, isActive, isAlwaysOnTop, isAlwaysOnTopSupported, isFocusableWindow, isFocusCycleRoot, isFocused, isLocationByPlatform, isShowing, pack, paint, postEvent, processEvent, processWindowEvent, processWindowFocusEvent, processWindowStateEvent, removeNotify, removeWindowFocusListener, removeWindowListener, removeWindowStateListener, reshape, setAlwaysOnTop, setBounds, setBounds, setCursor, setFocusableWindowState, setFocusCycleRoot, setIconImage, setIconImages, setLocationByPlatform, setLocationRelativeTo, setMinimumSize, setModalExclusionType, setSize, setSize, setVisible, show, toBack, toFront

Methods inherited from class java.awt.Container


```
add, add, add, add, add, addContainerListener, addImpl, addNotify,
addPropertyChangeListener, addPropertyChangeListener, applyComponentOrientation,
areFocusTraversalKeysSet, countComponents, deliverEvent, doLayout, findComponentAt,
findComponentAt, getAlignmentX, getAlignmentY, getComponent, getComponentAt,
getComponentAt, getComponentCount, getComponents, getComponentZOrder,
getContainerListeners, getFocusTraversalKeys, getFocusTraversalPolicy, getInsets,
getLayout, getListeners, getMaximumSize, getMinimumSize, getMousePosition,
getPreferredSize, insets, invalidate, isAncestorOf, isFocusCycleRoot,
isFocusCycleRoot, isFocusTraversalPolicyProvider, isFocusTraversalPolicySet, layout,
list, list, locate, minimumSize, paint, paintComponents, paramString, preferredSize,
print, printComponents, processContainerEvent, processEvent, remove, remove,
removeAll, removeContainerListener, removeNotify, setComponentZOrder,
setFocusCycleRoot, setFocusTraversalKeys, setFocusTraversalPolicy,
setFocusTraversalPolicyProvider, setFont, setLayout, transferFocusBackward,
transferFocusDownCycle, update, validate, validateTree
```

Methods inherited from class `java.awt.Component`

```
clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait,
wait
```

```
imageUpdate
```

```
getFont, postEvent, remove
```

Methods inherited from interface javax.accessibility.Accessible`getAccessibleContext`**Methods inherited from interface** java.awt.MenuContainer`getFont, postEvent, remove`**Methods inherited from interface** javax.accessibility.Accessible`getAccessibleContext`**Methods inherited from interface** javax.swing.RootPaneContainer`getContentPane, getGlassPane, getLayeredPane, getRootPane, setContentPane, setGlassPane, setLayeredPane`**Methods inherited from interface** javax.swing.TransferHandler.HasGetTransferHandler`getTransferHandler`

Constructors

OrderGUI

```
public OrderGUI()
```

Creates new form OrderGUI

Methods

getPanel

```
public javax.swing.JPanel getPanel()
```

Helper method for adding the panel into the main GUI class

Returns:

enterSearchDetails

```
public void enterSearchDetails(java.lang.String searchCriteria)
```

This method ask the controller-layer to perform a search for an owner Search results are set from the results of the controller-layer as multiple lists of Owner-objects, strings and ints. All variables except startDate, expEndDate, and orderID in every object in the resultFoundObjects are put together as a string and inserted to an arraylist(resultFoundOrderTypeDescOrderDescSpareStartDateEndDateExpPrice) which will be converted to an array. The same applies to the list of Integer (startDate, expEndDate, and orderID)

Parameters:

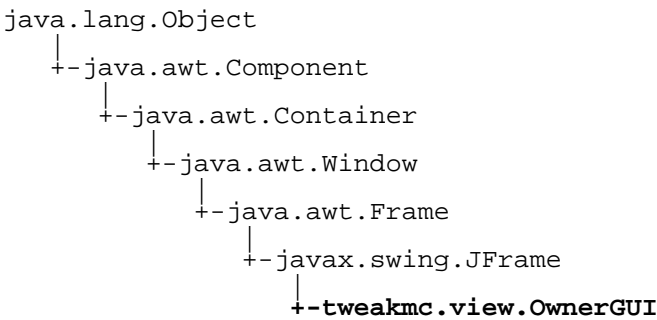
searchCriteria

Returns:

void

tweakmc.view

Class OwnerGUI



All Implemented Interfaces:

java.io.Serializable, java.awt.MenuContainer, java.awt.image.ImageObserver, javax.accessibility.Accessible, java.awt.MenuContainer, javax.swing.TransferHandler.HasGetTransferHandler, javax.swing.RootPaneContainer, javax.accessibility.Accessible, javax.swing.WindowConstants

public class OwnerGUI
extends javax.swing.JFrame

Field Summary

| | |
|--------|------------------------|
| public | oPanel |
|--------|------------------------|

Fields inherited from class javax.swing.JFrame

accessibleContext, EXIT_ON_CLOSE, rootPane, rootPaneCheckingEnabled

Fields inherited from class java.awt.Frame

CROSSHAIR_CURSOR, DEFAULT_CURSOR, E_RESIZE_CURSOR, HAND_CURSOR, ICONIFIED, MAXIMIZED_BOTH, MAXIMIZED_HORIZ, MAXIMIZED_VERT, MOVE_CURSOR, N_RESIZE_CURSOR, NE_RESIZE_CURSOR, NORMAL, NW_RESIZE_CURSOR, S_RESIZE_CURSOR, SE_RESIZE_CURSOR, SW_RESIZE_CURSOR, TEXT_CURSOR, W_RESIZE_CURSOR, WAIT_CURSOR

Fields inherited from class java.awt.Component

BOTTOM_ALIGNMENT, CENTER_ALIGNMENT, LEFT_ALIGNMENT, RIGHT_ALIGNMENT, TOP_ALIGNMENT

Fields inherited from interface java.awt.image.ImageObserver

ABORT, ALLBITS, ERROR, FRAMEBITS, HEIGHT, PROPERTIES, SOMEBITS, WIDTH

Fields inherited from interface javax.swing.WindowConstants

DISPOSE_ON_CLOSE, DO_NOTHING_ON_CLOSE, EXIT_ON_CLOSE, HIDE_ON_CLOSE

Constructor Summary

| | |
|--------|---|
| public | OwnerGUI() Creates new form OwnerGUI |
|--------|---|

Method Summary

| | |
|----------------------------|--|
| boolean | checkOwnerEditFields() Checks input for fields in Owner for edit |
| boolean | checkOwnerFields() Checks input for fields in Owner for errors |
| void | deleteOwner() Delete an owner if selected |
| void | disableEditOwnerPanel() Disable all buttons and fields in edit owner panel |
| void | enable() |
| void | enterSearchDetails(java.lang.String searchCriteria) This method ask the controller-layer to perform a search for an owner Search results are set from the results of the controller-layer as multiple lists of Owner-objects, strings and ints. |
| static java.util.Vector | getNamesVector() Return vectorList with names |
| boolean | getOwnerSaved() Return owners saved status |
| javax.swing.JPanel | getPanel() Returns the owner GUI object, to insert in mainGUI |
| void | setOwnerSavedStatus(boolean ownerSaved) Set the owner saved status |
| void | updateOwner() |

Methods inherited from class javax.swing.JFrame

addImpl, createRootPane, frameInit, getAccessibleContext, getContentPane, getDefaultCloseOperation, getGlassPane, getGraphics, getJMenuBar, getLayeredPane, getRootPane, getTransferHandler, isDefaultLookAndFeelDecorated, isRootPaneCheckingEnabled, paramString, processWindowEvent, remove, repaint, setContentPane, setDefaultCloseOperation, setDefaultLookAndFeelDecorated, setGlassPane, setIconImage, setJMenuBar, setLayeredPane, setLayout, setRootPane, setRootPaneCheckingEnabled, setTransferHandler, update

Methods inherited from class java.awt.Frame

addNotify, getAccessibleContext, getCursorType, getExtendedState, getFrames, getIconImage, getMaximizedBounds, getMenuBar, getState, getTitle, isResizable, isUndecorated, paramString, remove, removeNotify, setCursor, setExtendedState, setIconImage, setMaximizedBounds, setMenuBar, setResizable, setState, setTitle, setUndecorated

Methods inherited from class java.awt.Window

```

addNotify, addPropertyChangeListener, addPropertyChangeListener,
addWindowFocusListener, addWindowListener, addWindowStateListener,
applyResourceBundle, applyResourceBundle, createBufferStrategy, createBufferStrategy,
dispose, getAccessibleContext, getBufferStrategy, getFocusableWindowState,
getFocusCycleRootAncestor, getFocusOwner, getFocusTraversalKeys,
getGraphicsConfiguration, getIconImages, getInputContext, getListeners, getLocale,
getModalExclusionType, getMostRecentFocusOwner, getOwnedWindows, getOwner,
getOwnerlessWindows, getToolkit, getWarningString, getWindowFocusListeners,
getWindowListeners, getWindows, getWindowStateListeners, hide, isActive,
isAlwaysOnTop, isAlwaysOnTopSupported, isFocusableWindow, isFocusCycleRoot,
isFocused, isLocationByPlatform, isShowing, pack, paint, postEvent, processEvent,
processWindowEvent, processWindowFocusEvent, processWindowStateEvent, removeNotify,
removeWindowFocusListener, removeWindowListener, removeWindowStateListener, reshape,
setAlwaysOnTop, setBounds, setBounds, setCursor, setFocusableWindowState,
setFocusCycleRoot, setIconImage, setIconImages, setLocationByPlatform,
setLocationRelativeTo, setMinimumSize, setModalExclusionType, setSize, setSize,
setVisible, show, toBack, toFront

```

Methods inherited from class `java.awt.Container`

```

add, add, add, add, add, addContainerListener, addImpl, addNotify,
addPropertyChangeListener, addPropertyChangeListener, applyComponentOrientation,
areFocusTraversalKeysSet, countComponents, deliverEvent, doLayout, findComponentAt,
findComponentAt, getAlignmentX, getAlignmentY, getComponent, getComponentAt,
getComponentAt, getComponentCount, getComponents, getComponentZOrder,
getContainerListeners, getFocusTraversalKeys, getFocusTraversalPolicy, getInsets,
getLayout, getListeners, getMaximumSize, getMinimumSize, getMousePosition,
getPreferredSize, insets, invalidate, isAncestorOf, isFocusCycleRoot,
isFocusCycleRoot, isFocusTraversalPolicyProvider, isFocusTraversalPolicySet, layout,
list, list, locate, minimumSize, paint, paintComponents, paramString, preferredSize,
print, printComponents, processContainerEvent, processEvent, remove, remove,
removeAll, removeContainerListener, removeNotify, setComponentZOrder,
setFocusCycleRoot, setFocusTraversalKeys, setFocusTraversalPolicy,
setFocusTraversalPolicyProvider, setFont, setLayout, transferFocusBackward,
transferFocusDownCycle, update, validate, validateTree

```

Methods inherited from class `java.awt.Component`

```
clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait,
wait
```

```
imageUpdate
```

```
getFont, postEvent, remove
```

Methods inherited from interface javax.accessibility.Accessible`getAccessibleContext`**Methods inherited from interface** java.awt.MenuContainer`getFont, postEvent, remove`**Methods inherited from interface** javax.accessibility.Accessible`getAccessibleContext`**Methods inherited from interface** javax.swing.RootPaneContainer`getContentPane, getGlassPane, getLayeredPane, getRootPane, setContentPane, setGlassPane, setLayeredPane`**Methods inherited from interface** javax.swing.TransferHandler.HasGetTransferHandler`getTransferHandler`

Fields

oPanel

```
public javax.swing.JPanel oPanel
```

Constructors

OwnerGUI

```
public OwnerGUI()
```

Creates new form OwnerGUI

Methods

enable

```
public void enable()
```

getPanel

```
public javax.swing.JPanel getPanel()
```

Returns the owner GUI object, to insert in mainGUI

Returns:

return oPanel

(continued from last page)

updateOwner

```
public void updateOwner()
```

deleteOwner

```
public void deleteOwner()
```

Delete an owner if selected

checkOwnerFields

```
public boolean checkOwnerFields()
```

Checks input for fields in Owner for errors

Returns:

return true/false

checkOwnerEditFields

```
public boolean checkOwnerEditFields()
```

Checks input for fields in Owner for edit

Returns:

return true/false

disableEditOwnerPanel

```
public void disableEditOwnerPanel()
```

Disable all buttons and fields in edit owner panel

getOwnerSaved

```
public boolean getOwnerSaved()
```

Return owners saved status

Returns:

owners saved status

setOwnerSavedStatus

```
public void setOwnerSavedStatus(boolean ownerSaved)
```

Set the owner saved status

Parameters:

ownerSaved - boolean owner saved status

enterSearchDetails

```
public void enterSearchDetails(java.lang.String searchCriteria)
```

(continued from last page)

This method ask the controller-layer to perform a search for an owner Search results are set from the results of the controller-layer as multiple lists of Owner-objects, strings and ints. The variables firstName, lastName, and phoneNumber in every object in the actFoundsObjects is put together as a string and inserted to an arraylist(actFoundsFirstnameLastNamePhoneNumber) which will be converted to an array. The same applies to the list of OwnerIDs

Parameters:

searchCriteria

Returns:void

getNamesVector

```
public static java.util.Vector getNamesVector()
```

Return vectorList with names

Returns:

vector List

tweakmc.view Class SuperSearch

```

java.lang.Object
├-- java.awt.Component
│   ├── java.awt.Container
│   │   ├── java.awt.Window
│   │   │   ├── java.awt.Frame
│   │   │   │   ├── javax.swing.JFrame
│   │   │   │   └-- tweakmc.view.SuperSearch

```

All Implemented Interfaces:

java.io.Serializable, java.awt.MenuContainer, java.awt.image.ImageObserver, javax.accessibility.Accessible, java.awt.MenuContainer, javax.swing.TransferHandler.HasGetTransferHandler, javax.swing.RootPaneContainer, javax.accessibility.Accessible, javax.swing.WindowConstants

```

public class SuperSearch
extends javax.swing.JFrame

```

Field Summary

| | |
|------------------|-----------------------------------|
| public static | instance |
| protected static | tempLABELbyNYVANG |

Fields inherited from class javax.swing.JFrame

accessibleContext, EXIT_ON_CLOSE, rootPane, rootPaneCheckingEnabled

Fields inherited from class java.awt.Frame

CROSSHAIR_CURSOR, DEFAULT_CURSOR, E_RESIZE_CURSOR, HAND_CURSOR, ICONIFIED, MAXIMIZED_BOTH, MAXIMIZED_HORIZ, MAXIMIZED_VERT, MOVE_CURSOR, N_RESIZE_CURSOR, NE_RESIZE_CURSOR, NORMAL, NW_RESIZE_CURSOR, S_RESIZE_CURSOR, SE_RESIZE_CURSOR, SW_RESIZE_CURSOR, TEXT_CURSOR, W_RESIZE_CURSOR, WAIT_CURSOR

Fields inherited from class java.awt.Component

BOTTOM_ALIGNMENT, CENTER_ALIGNMENT, LEFT_ALIGNMENT, RIGHT_ALIGNMENT, TOP_ALIGNMENT

Fields inherited from interface java.awt.image.ImageObserver

ABORT, ALLBITS, ERROR, FRAMEBITS, HEIGHT, PROPERTIES, SOMEBITS, WIDTH

Fields inherited from interface javax.swing.WindowConstants

DISPOSE_ON_CLOSE, DO_NOTHING_ON_CLOSE, EXIT_ON_CLOSE, HIDE_ON_CLOSE

Method Summary

| | |
|---|--|
| void | <u>enterOrderSearchDetails</u> (java.lang.String searchCriteria) This method ask the controller-layer to perform a search for an owner Search results are set from the results of the controller-layer as multiple lists of Owner-objects, strings and ints. |
| void | <u>enterOwnerByVehicleSearchDetails</u> (java.lang.String vehicleID) This method ask the controller-layer to perform a search for an owner Search results are set from the results of the controller-layer as multiple lists of Owner-objects, strings and ints. |
| void | <u>enterOwnerSearchDetails</u> (java.lang.String searchCriteria) This method ask the controller-layer to perform a search for an owner Search results are set from the results of the controller-layer as multiple lists of Owner-objects, strings and ints. |
| void | <u>enterVehicleByOwnerSearchDetails</u> (java.lang.String ownerID) This method ask the controller-layer to perform a search for a vehicle Search results are set from the controller-layer as multiply list of Vehicle-objects, String and ints The variables model and vType in every object in the actFoundsVehicleObjects list is put together as a string and inserted to an arraylist(actFoundsBrandModel) which will be converted to an array The same applies to the list of vehilce id |
| void | <u>enterVehicleSearchDetails</u> (java.lang.String searchCriteria) This method ask the controller-layer to perform a search for a vehicle Search results are set from the controller-layer as multiply list of Vehicle-objects, String and ints The variables model and vType in every object in the actFoundsVehicleObjects list is put together as a string and inserted to an arraylist(actFoundsBrandModel) which will be converted to an array The same applies to the list of vehilce id |
| static <u>SuperSearch</u> | <u>getInstance</u> () |
| static void | <u>main</u> (java.lang.String[] args) |
| void | <u>run</u> () |
| void | <u>searchOwnerByVehicle</u> (java.lang.String searchCriteria) |

Methods inherited from class javax.swing.JFrame

addImpl, createRootPane, frameInit, getAccessibleContext, getContentPane, getDefaultCloseOperation, getGlassPane, getGraphics, getJMenuBar, getLayeredPane, getRootPane, getTransferHandler, isDefaultLookAndFeelDecorated, isRootPaneCheckingEnabled, paramString, processWindowEvent, remove, repaint, setContentPane, setDefaultCloseOperation, setDefaultLookAndFeelDecorated, setGlassPane, setIconImage, setJMenuBar, setLayeredPane, setLayout, setRootPane, setRootPaneCheckingEnabled, setTransferHandler, update

Methods inherited from class java.awt.Frame

addNotify, getAccessibleContext, getCursorType, getExtendedState, getFrames, getIconImage, getMaximizedBounds, getMenuBar, getState, getTitle, isResizable, isUndecorated, paramString, remove, removeNotify, setCursor, setExtendedState, setIconImage, setMaximizedBounds, setMenuBar, setResizable, setState, setTitle, setUndecorated

Methods inherited from class java.awt.Window

```

addNotify, addPropertyChangeListener, addPropertyChangeListener,
addWindowFocusListener, addWindowListener, addWindowStateListener,
applyResourceBundle, applyResourceBundle, createBufferStrategy, createBufferStrategy,
dispose, getAccessibleContext, getBufferStrategy, getFocusableWindowState,
getFocusCycleRootAncestor, getFocusOwner, getFocusTraversalKeys,
getGraphicsConfiguration, getIconImages, getInputContext, getListeners, getLocale,
getModalExclusionType, getMostRecentFocusOwner, getOwnedWindows, getOwner,
getOwnerlessWindows, getToolkit, getWarningString, getWindowFocusListeners,
getWindowListeners, getWindows, getWindowStateListeners, hide, isActive,
isAlwaysOnTop, isAlwaysOnTopSupported, isFocusableWindow, isFocusCycleRoot,
isFocused, isLocationByPlatform, isShowing, pack, paint, postEvent, processEvent,
processWindowEvent, processWindowFocusEvent, processWindowStateEvent, removeNotify,
removeWindowFocusListener, removeWindowListener, removeWindowStateListener, reshape,
setAlwaysOnTop, setBounds, setBounds, setCursor, setFocusableWindowState,
setFocusCycleRoot, setIconImage, setIconImages, setLocationByPlatform,
setLocationRelativeTo, setMinimumSize, setModalExclusionType, setSize, setSize,
setVisible, show, toBack, toFront

```

Methods inherited from class java.awt.Container

```

add, add, add, add, add, addContainerListener, addImpl, addNotify,
addPropertyChangeListener, addPropertyChangeListener, applyComponentOrientation,
areFocusTraversalKeysSet, countComponents, deliverEvent, doLayout, findComponentAt,
findComponentAt, getAlignmentX, getAlignmentY, getComponent, getComponentAt,
getComponentAt, getComponentCount, getComponents, getComponentZOrder,
getContainerListeners, getFocusTraversalKeys, getFocusTraversalPolicy, getInsets,
getLayout, getListeners, getMaximumSize, getMinimumSize, getMousePosition,
getPreferredSize, insets, invalidate, isAncestorOf, isFocusCycleRoot,
isFocusCycleRoot, isFocusTraversalPolicyProvider, isFocusTraversalPolicySet, layout,
list, list, locate, minimumSize, paint, paintComponents, paramString, preferredSize,
print, printComponents, processContainerEvent, processEvent, remove, remove,
removeAll, removeContainerListener, removeNotify, setComponentZOrder,
setFocusCycleRoot, setFocusTraversalKeys, setFocusTraversalPolicy,
setFocusTraversalPolicyProvider, setFont, setLayout, transferFocusBackward,
transferFocusDownCycle, update, validate, validateTree

```

Methods inherited from class java.awt.Component

```
clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait
```

```
imageUpdate
```

```
getFont, postEvent, remove
```

Methods inherited from interface javax.accessibility.Accessible`getAccessibleContext`**Methods inherited from interface** java.awt.MenuContainer`getFont, postEvent, remove`**Methods inherited from interface** javax.accessibility.Accessible`getAccessibleContext`**Methods inherited from interface** javax.swing.RootPaneContainer`getContentPane, getGlassPane, getLayeredPane, getRootPane, setContentPane, setGlassPane, setLayeredPane`**Methods inherited from interface** javax.swing.TransferHandler.HasGetTransferHandler`getTransferHandler`

Fields

instance`public static tweakmc.view.SuperSearch instance`**tempLABELbyNYVANG**`protected static javax.swing.JLabel tempLABELbyNYVANG`

Methods

getInstance`public static SuperSearch getInstance()`**main**`public static void main(java.lang.String[] args)`**Parameters:**`args` - the command line arguments**run**`public void run()`

enterOrderSearchDetails

```
public void enterOrderSearchDetails(java.lang.String searchCriteria)
```

This method ask the controller-layer to perform a search for an owner Search results are set from the results of the controller-layer as multiple lists of Owner-objects, strings and ints. All variables except startDate, expEndDate, and orderID in every object in the resultFoundObjects are put together as a string and inserted to an arrayList(resultFoundOrderTypeDescOrderDescSpareStartDateEndDateExpPrice) which will be converted to an array. The same applies to the list of Integer (startDate, expEndDate, and orderID)

Parameters:

searchCriteria

Returns:

void

searchOwnerByVehicle

```
public void searchOwnerByVehicle(java.lang.String searchCriteria)
```

enterOwnerByVehicleSearchDetails

```
public void enterOwnerByVehicleSearchDetails(java.lang.String vehicleID)
```

This method ask the controller-layer to perform a search for an owner Search results are set from the results of the controller-layer as multiple lists of Owner-objects, strings and ints. The variables firstName, lastName, and phoneNumber in every object in the actFoundsObjects is put together as a string and inserted to an arrayList(actFoundsFirstnameLastNamePhoneNumber) which will be converted to an array. The same applies to the list of OwnerIDs

Parameters:

searchCriteria

Returns:

void

enterVehicleSearchDetails

```
public void enterVehicleSearchDetails(java.lang.String searchCriteria)
```

This method ask the controller-layer to perform a search for a vehicle Search results are set from the controller-layer as multiply list of Vehicle-objects, String and ints The variables model and vType in every object in the actFoundsVehicleObjects list is put together as a string and inserted to an arrayList(actFoundsBrandModel) which will be converted to an array The same applies to the list of vehilce id

Parameters:

searchCriteria

Returns:

void

enterVehicleByOwnerSearchDetails

```
public void enterVehicleByOwnerSearchDetails(java.lang.String ownerID)
```

(continued from last page)

This method ask the controller-layer to perform a search for a vehicle Search results are set from the controller-layer as multiply list of Vehicle-objects, String and ints The variables model and vType in every object in the actFoundsVehicleObjects list is put together as a string and inserted to an arraylist(actFoundsBrandModel) which will be converted to an array The same applies to the list of vehilce id

Parameters:`searchCriteria`**Returns:**`void`

enterOwnerSearchDetails

```
public void enterOwnerSearchDetails(java.lang.String searchCriteria)
```

This method ask the controller-layer to perform a search for an owner Search results are set from the results of the controller-layer as multiple lists of Owner-objects, strings and ints. The variables firstName, lastName, and phoneNumber in every object in the actFoundsObjects is put together as a string and inserted to an arraylist(actFoundsFirstnameLastNamePhoneNumber) which will be converted to an array. The same applies to the list of OwnerIDs

Parameters:`searchCriteria`**Returns:**`void`

tweakmc.view

Class UploadMediaView

```

java.lang.Object
  |-- java.awt.Component
        |-- java.awt.Container
              |-- java.awt.Window
                    |-- java.awt.Frame
                          |-- javax.swing.JFrame
                                |-- tweakmc.view.UploadMediaView
  
```

All Implemented Interfaces:

java.io.Serializable, java.awt.MenuContainer, java.awt.image.ImageObserver, javax.accessibility.Accessible, java.awt.MenuContainer, javax.swing.TransferHandler.HasGetTransferHandler, javax.swing.RootPaneContainer, javax.accessibility.Accessible, javax.swing.WindowConstants

```

public class UploadMediaView
extends javax.swing.JFrame
  
```

Fields inherited from class javax.swing.JFrame

accessibleContext, EXIT_ON_CLOSE, rootPane, rootPaneCheckingEnabled

Fields inherited from class java.awt.Frame

CROSSHAIR_CURSOR, DEFAULT_CURSOR, E_RESIZE_CURSOR, HAND_CURSOR, ICONIFIED, MAXIMIZED_BOTH, MAXIMIZED_HORIZ, MAXIMIZED_VERT, MOVE_CURSOR, N_RESIZE_CURSOR, NE_RESIZE_CURSOR, NORMAL, NW_RESIZE_CURSOR, S_RESIZE_CURSOR, SE_RESIZE_CURSOR, SW_RESIZE_CURSOR, TEXT_CURSOR, W_RESIZE_CURSOR, WAIT_CURSOR

Fields inherited from class java.awt.Component

BOTTOM_ALIGNMENT, CENTER_ALIGNMENT, LEFT_ALIGNMENT, RIGHT_ALIGNMENT, TOP_ALIGNMENT

Fields inherited from interface java.awt.image.ImageObserver

ABORT, ALLBITS, ERROR, FRAMEBITS, HEIGHT, PROPERTIES, SOMEBITS, WIDTH

Fields inherited from interface javax.swing.WindowConstants

DISPOSE_ON_CLOSE, DO_NOTHING_ON_CLOSE, EXIT_ON_CLOSE, HIDE_ON_CLOSE

Constructor Summary

| | |
|--------|---|
| public | UploadMediaView (WSGUI wsgui, java.lang.String vehicleID, java.lang.String workstationID, java.lang.String orderID, java.lang.String resultType) Creates new form UploadMediaView |
| public | UploadMediaView (WSGUI wsgui, Result r) Build and uploadview for already existing medias, possible to enter new comments |

Method Summary

| | |
|-------------|--|
| static void | main (java.lang.String[] args) |
|-------------|--|

Methods inherited from class javax.swing.JFrame

addImpl, createRootPane, frameInit, getAccessibleContext, getContentPane, getDefaultCloseOperation, getGlassPane, getGraphics, getJMenuBar, getLayeredPane, getRootPane, getTransferHandler, isDefaultLookAndFeelDecorated, isRootPaneCheckingEnabled, paramString, processWindowEvent, remove, repaint, setContentPane, setDefaultCloseOperation, setDefaultLookAndFeelDecorated, setGlassPane, setIconImage, setJMenuBar, setLayeredPane, setLayout, setRootPane, setRootPaneCheckingEnabled, setTransferHandler, update

Methods inherited from class java.awt.Frame

addNotify, getAccessibleContext, getCursorType, getExtendedState, getFrames, getIconImage, getMaximizedBounds, getMenuBar, getState, getTitle, isResizable, isUndecorated, paramString, remove, removeNotify, setCursor, setExtendedState, setIconImage, setMaximizedBounds, setMenuBar, setResizable, setState, setTitle, setUndecorated

Methods inherited from class java.awt.Window

addNotify, addPropertyChangeListener, addPropertyChangeListener, addWindowFocusListener, addWindowListener, addWindowStateListener, applyResourceBundle, applyResourceBundle, createBufferStrategy, createBufferStrategy, dispose, getAccessibleContext, getBufferStrategy, getFocusableWindowState, getFocusCycleRootAncestor, getFocusOwner, getFocusTraversalKeys, getGraphicsConfiguration, getIconImages, getInputContext, getListeners, getLocale, getModalExclusionType, getMostRecentFocusOwner, getOwnedWindows, getOwner, getOwnerlessWindows, getToolkit, getWarningString, getWindowFocusListeners, getWindowListeners, getWindows, getWindowStateListeners, hide, isActive, isAlwaysOnTop, isAlwaysOnTopSupported, isFocusableWindow, isFocusCycleRoot, isFocused, isLocationByPlatform, isShowing, pack, paint, postEvent, processEvent, processWindowEvent, processWindowFocusEvent, processWindowStateEvent, removeNotify, removeWindowFocusListener, removeWindowListener, removeWindowStateListener, reshape, setAlwaysOnTop, setBounds, setBounds, setCursor, setFocusableWindowState, setFocusCycleRoot, setIconImage, setIconImages, setLocationByPlatform, setLocationRelativeTo, setMinimumSize, setModalExclusionType, setSize, setSize, setVisible, show, toBack, toFront

Methods inherited from class java.awt.Container

```
add, add, add, add, add, addContainerListener, addImpl, addNotify,
addPropertyChangeListener, addPropertyChangeListener, applyComponentOrientation,
areFocusTraversalKeysSet, countComponents, deliverEvent, doLayout, findComponentAt,
findComponentAt, getAlignmentX, getAlignmentY, getComponent, getComponentAt,
getComponentAt, getComponentCount, getComponents, getComponentZOrder,
getContainerListeners, getFocusTraversalKeys, getFocusTraversalPolicy, getInsets,
getLayout, getListeners, getMaximumSize, getMinimumSize, getMousePosition,
getPreferredSize, insets, invalidate, isAncestorOf, isFocusCycleRoot,
isFocusCycleRoot, isFocusTraversalPolicyProvider, isFocusTraversalPolicySet, layout,
list, list, locate, minimumSize, paint, paintComponents, paramString, preferredSize,
print, printComponents, processContainerEvent, processEvent, remove, remove,
removeAll, removeContainerListener, removeNotify, setComponentZOrder,
setFocusCycleRoot, setFocusTraversalKeys, setFocusTraversalPolicy,
setFocusTraversalPolicyProvider, setFont, setLayout, transferFocusBackward,
transferFocusDownCycle, update, validate, validateTree
```

Methods inherited from class `java.awt.Component`

```
clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait,
wait
```

```
imageUpdate
```

```
getFont, postEvent, remove
```

Methods inherited from interface javax.accessibility.Accessible

getAccessibleContext

Methods inherited from interface java.awt.MenuContainer

getFont, postEvent, remove

Methods inherited from interface javax.accessibility.Accessible

getAccessibleContext

Methods inherited from interface javax.swing.RootPaneContainer

getContentPane, getGlassPane, getLayeredPane, getRootPane, setContentPane, setGlassPane, setLayeredPane

Methods inherited from interface javax.swing.TransferHandler.HasGetTransferHandler

getTransferHandler

Constructors

UploadMediaView

```
public UploadMediaView(WSGUI wsgui,
                       java.lang.String vehicleID,
                       java.lang.String workstationID,
                       java.lang.String orderID,
                       java.lang.String resultType)
```

Creates new form UploadMediaView

UploadMediaView

```
public UploadMediaView(WSGUI wsgui,
                       Result r)
```

Build and uploadview for already existing medias, possible to enter new comments

Parameters:

wsgui - the actual WS gui window
 r - the result to get information from

Methods

main

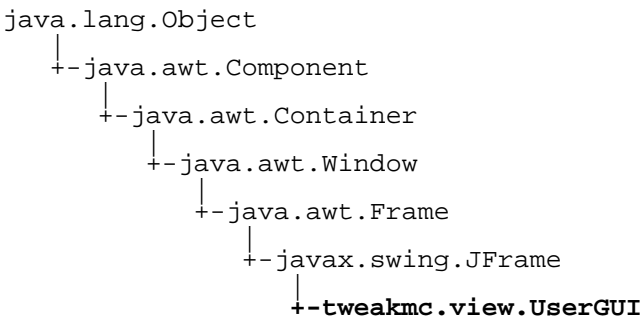
```
public static void main(java.lang.String[] args)
```

Parameters:

args - the command line arguments

tweakmc.view

Class UserGUI



All Implemented Interfaces:
java.io.Serializable, java.awt.MenuContainer, java.awt.image.ImageObserver, javax.accessibility.Accessible, java.awt.MenuContainer, javax.swing.TransferHandler.HasGetTransferHandler, javax.swing.RootPaneContainer, javax.accessibility.Accessible, javax.swing.WindowConstants

public class **UserGUI**
extends javax.swing.JFrame

| |
|---|
| Fields inherited from class javax.swing.JFrame |
| accessibleContext, EXIT_ON_CLOSE, rootPane, rootPaneCheckingEnabled |

| |
|--|
| Fields inherited from class java.awt.Frame |
| CROSSHAIR_CURSOR, DEFAULT_CURSOR, E_RESIZE_CURSOR, HAND_CURSOR, ICONIFIED, MAXIMIZED_BOTH, MAXIMIZED_HORIZ, MAXIMIZED_VERT, MOVE_CURSOR, N_RESIZE_CURSOR, NE_RESIZE_CURSOR, NORMAL, NW_RESIZE_CURSOR, S_RESIZE_CURSOR, SE_RESIZE_CURSOR, SW_RESIZE_CURSOR, TEXT_CURSOR, W_RESIZE_CURSOR, WAIT_CURSOR |

| |
|--|
| Fields inherited from class java.awt.Component |
| BOTTOM_ALIGNMENT, CENTER_ALIGNMENT, LEFT_ALIGNMENT, RIGHT_ALIGNMENT, TOP_ALIGNMENT |

| |
|---|
| Fields inherited from interface java.awt.image.ImageObserver |
| ABORT, ALLBITS, ERROR, FRAMEBITS, HEIGHT, PROPERTIES, SOMEBITS, WIDTH |

| |
|---|
| Fields inherited from interface javax.swing.WindowConstants |
| DISPOSE_ON_CLOSE, DO_NOTHING_ON_CLOSE, EXIT_ON_CLOSE, HIDE_ON_CLOSE |

| | |
|----------------------------|---|
| Constructor Summary | |
| public | UserGUI() Creates new form UserGUI |

Method Summary

| | |
|-------------|--|
| static void | main (java.lang.String[] args) |
|-------------|--|

Methods inherited from class javax.swing.JFrame

addImpl, createRootPane, frameInit, getAccessibleContext, getContentPane, getDefaultCloseOperation, getGlassPane, getGraphics, getJMenuBar, getLayeredPane, getRootPane, getTransferHandler, isDefaultLookAndFeelDecorated, isRootPaneCheckingEnabled, paramString, processWindowEvent, remove, repaint, setContentPane, setDefaultCloseOperation, setDefaultLookAndFeelDecorated, setGlassPane, setIconImage, setJMenuBar, setLayeredPane, setLayout, setRootPane, setRootPaneCheckingEnabled, setTransferHandler, update

Methods inherited from class java.awt.Frame

addNotify, getAccessibleContext, getCursorType, getExtendedState, getFrames, getIconImage, getMaximizedBounds, getMenuBar, getState, getTitle, isResizable, isUndecorated, paramString, remove, removeNotify, setCursor, setExtendedState, setIconImage, setMaximizedBounds, setMenuBar, setResizable, setState, setTitle, setUndecorated

Methods inherited from class java.awt.Window

addNotify, addPropertyChangeListener, addPropertyChangeListener, addWindowFocusListener, addWindowListener, addWindowStateListener, applyResourceBundle, applyResourceBundle, createBufferStrategy, createBufferStrategy, dispose, getAccessibleContext, getBufferStrategy, getFocusableWindowState, getFocusCycleRootAncestor, getFocusOwner, getFocusTraversalKeys, getGraphicsConfiguration, getIconImages, getInputContext, getListeners, getLocale, getModalExclusionType, getMostRecentFocusOwner, getOwnedWindows, getOwner, getOwnerlessWindows, getToolkit, getWarningString, getWindowFocusListeners, getWindowListeners, getWindows, getWindowStateListeners, hide, isActive, isAlwaysOnTop, isAlwaysOnTopSupported, isFocusableWindow, isFocusCycleRoot, isFocused, isLocationByPlatform, isShowing, pack, paint, postEvent, processEvent, processWindowEvent, processWindowFocusEvent, processWindowStateEvent, removeNotify, removeWindowFocusListener, removeWindowListener, removeWindowStateListener, reshape, setAlwaysOnTop, setBounds, setBounds, setCursor, setFocusableWindowState, setFocusCycleRoot, setIconImage, setIconImages, setLocationByPlatform, setLocationRelativeTo, setMinimumSize, setModalExclusionType, setSize, setSize, setVisible, show, toBack, toFront

Methods inherited from class java.awt.Container

add, add, add, add, add, addContainerListener, addImpl, addNotify, addPropertyChangeListener, addPropertyChangeListener, applyComponentOrientation, areFocusTraversalKeysSet, countComponents, deliverEvent, doLayout, findComponentAt, findComponentAt, getAlignmentX, getAlignmentY, getComponent, getComponentAt, getComponentAt, getComponentCount, getComponents, getComponentZOrder, getContainerListeners, getFocusTraversalKeys, getFocusTraversalPolicy, getInsets, getLayout, getListeners, getMaximumSize, getMinimumSize, getMousePosition, getPreferredSize, insets, invalidate, isAncestorOf, isFocusCycleRoot, isFocusCycleRoot, isFocusTraversalPolicyProvider, isFocusTraversalPolicySet, layout, list, list, locate, minimumSize, paint, paintComponents, paramString, preferredSize, print, printComponents, processContainerEvent, processEvent, remove, remove, removeAll, removeContainerListener, removeNotify, setComponentZOrder, setFocusCycleRoot, setFocusTraversalKeys, setFocusTraversalPolicy, setFocusTraversalPolicyProvider, setFont, setLayout, transferFocusBackward, transferFocusDownCycle, update, validate, validateTree

Methods inherited from class `java.awt.Component`

`action`, `add`, `addComponentListener`, `addFocusListener`, `addHierarchyBoundsListener`,
`addHierarchyListener`, `addInputMethodListener`, `addKeyListener`, `addMouseListener`,
`addMouseMotionListener`, `addMouseWheelListener`, `addNotify`, `addPropertyChangeListener`,
`addPropertyChangeListener`, `applyComponentOrientation`, `areFocusTraversalKeysSet`,
`bounds`, `checkImage`, `checkImage`, `coalesceEvents`, `contains`, `contains`, `createImage`,
`createImage`, `createVolatileImage`, `createVolatileImage`, `deliverEvent`, `disable`,
`disableEvents`, `dispatchEvent`, `doLayout`, `enable`, `enable`, `enableEvents`,
`enableInputMethods`, `firePropertyChange`, `firePropertyChange`, `firePropertyChange`,
`firePropertyChange`, `firePropertyChange`, `firePropertyChange`, `firePropertyChange`,
`firePropertyChange`, `firePropertyChange`, `getAccessibleContext`, `getAlignmentX`,
`getAlignmentY`, `getBackground`, `getBaseline`, `getBaselineResizeBehavior`, `getBounds`,
`getBounds`, `getColorModel`, `getComponentAt`, `getComponentAt`, `getComponentListeners`,
`getComponentOrientation`, `getCursor`, `getDropTarget`, `getFocusCycleRootAncestor`,
`getFocusListeners`, `getFocusTraversalKeys`, `getFocusTraversalKeysEnabled`, `getFont`,
`getFontMetrics`, `getForeground`, `getGraphics`, `getGraphicsConfiguration`, `getHeight`,
`getHierarchyBoundsListeners`, `getHierarchyListeners`, `getIgnoreRepaint`,
`getInputContext`, `getInputMethodListeners`, `getInputMethodRequests`, `getKeyListeners`,
`getListeners`, `getLocale`, `getLocation`, `getLocation`, `getLocationOnScreen`,
`getMaximumSize`, `getMinimumSize`, `getMouseListeners`, `getMouseMotionListeners`,
`getMousePosition`, `getMouseWheelListeners`, `getName`, `getParent`, `getPeer`,
`getPreferredSize`, `getPropertyChangeListeners`, `getPropertyChangeListeners`, `getSize`,
`getSize`, `getToolkit`, `getTreeLock`, `getWidth`, `getX`, `getY`, `gotFocus`, `handleEvent`,
`hasFocus`, `hide`, `imageUpdate`, `inside`, `invalidate`, `isBackgroundSet`, `isCursorSet`,
`isDisplayable`, `isDoubleBuffered`, `isEnabled`, `isFocusable`, `isFocusCycleRoot`,
`isFocusOwner`, `isFocusTraversable`, `isFontSet`, `isForegroundSet`, `isLightweight`,
`isMaximumSizeSet`, `isMinimumSizeSet`, `isOpaque`, `isPreferredSizeSet`, `isShowing`, `isValid`,
`isVisible`, `keyDown`, `keyUp`, `layout`, `list`, `list`, `list`, `list`, `list`, `locate`, `location`,
`lostFocus`, `minimumSize`, `mouseDown`, `mouseDrag`, `mouseEnter`, `mouseExit`, `mouseMove`,
`mouseUp`, `move`, `nextFocus`, `paint`, `paintAll`, `paramString`, `postEvent`, `preferredSize`,
`prepareImage`, `prepareImage`, `print`, `printAll`, `processComponentEvent`, `processEvent`,
`processFocusEvent`, `processHierarchyBoundsEvent`, `processHierarchyEvent`,
`processInputMethodEvent`, `processKeyEvent`, `processMouseEvent`, `processMouseMotionEvent`,
`processMouseWheelEvent`, `remove`, `removeComponentListener`, `removeFocusListener`,
`removeHierarchyBoundsListener`, `removeHierarchyListener`, `removeInputMethodListener`,
`removeKeyListener`, `removeMouseListener`, `removeMouseMotionListener`,
`removeMouseWheelListener`, `removeNotify`, `removePropertyChangeListener`,
`removePropertyChangeListener`, `repaint`, `repaint`, `repaint`, `repaint`, `requestFocus`,
`requestFocus`, `requestFocusInWindow`, `requestFocusInWindow`, `reshape`, `resize`, `resize`,
`setBackground`, `setBounds`, `setBounds`, `setComponentOrientation`, `setCursor`,
`setDropTarget`, `setEnabled`, `setFocusable`, `setFocusTraversalKeys`,
`setFocusTraversalKeysEnabled`, `setFont`, `setForeground`, `setIgnoreRepaint`, `setLocale`,
`setLocation`, `setLocation`, `setMaximumSize`, `setMinimumSize`, `setName`, `setPreferredSize`,
`setSize`, `setSize`, `setVisible`, `show`, `show`, `size`, `toString`, `transferFocus`,
`transferFocusBackward`, `transferFocusUpCycle`, `update`, `validate`

Methods inherited from class `java.lang.Object`

`clone`, `equals`, `finalize`, `getClass`, `hashCode`, `notify`, `notifyAll`, `toString`, `wait`, `wait`,
`wait`

Methods inherited from interface `java.awt.image.ImageObserver`

`imageUpdate`

Methods inherited from interface `java.awt.MenuContainer`

```
getFont, postEvent, remove
```

Methods inherited from interface `javax.accessibility.Accessible`

```
getAccessibleContext
```

Methods inherited from interface `java.awt.MenuContainer`

```
getFont, postEvent, remove
```

Methods inherited from interface `javax.accessibility.Accessible`

```
getAccessibleContext
```

Methods inherited from interface `javax.swing.RootPaneContainer`

```
getContentPane, getGlassPane, getLayeredPane, getRootPane, setContentPane,  
setGlassPane, setLayeredPane
```

Methods inherited from interface `javax.swing.TransferHandler.HasGetTransferHandler`

```
getTransferHandler
```

Constructors

UserGUI

```
public UserGUI()
```

Creates new form UserGUI

Methods

main

```
public static void main(java.lang.String[] args)
```

Parameters:

args - the command line arguments

tweakmc.view

Class ValveAdjustmentTableGUI

```

java.lang.Object
├── java.awt.Component
│   ├── java.awt.Container
│   │   ├── java.awt.Window
│   │   │   ├── java.awt.Frame
│   │   │   │   ├── javax.swing.JFrame
│   │   │   │   └── tweakmc.view.ValveAdjustmentTableGUI

```

All Implemented Interfaces:

java.io.Serializable, java.awt.MenuContainer, java.awt.image.ImageObserver, javax.accessibility.Accessible, java.awt.MenuContainer, javax.swing.TransferHandler.HasGetTransferHandler, javax.swing.RootPaneContainer, javax.accessibility.Accessible, javax.swing.WindowConstants

```

public class ValveAdjustmentTableGUI
extends javax.swing.JFrame

```

Fields inherited from class javax.swing.JFrame

accessibleContext, EXIT_ON_CLOSE, rootPane, rootPaneCheckingEnabled

Fields inherited from class java.awt.Frame

CROSSHAIR_CURSOR, DEFAULT_CURSOR, E_RESIZE_CURSOR, HAND_CURSOR, ICONIFIED, MAXIMIZED_BOTH, MAXIMIZED_HORIZ, MAXIMIZED_VERT, MOVE_CURSOR, N_RESIZE_CURSOR, NE_RESIZE_CURSOR, NORMAL, NW_RESIZE_CURSOR, S_RESIZE_CURSOR, SE_RESIZE_CURSOR, SW_RESIZE_CURSOR, TEXT_CURSOR, W_RESIZE_CURSOR, WAIT_CURSOR

Fields inherited from class java.awt.Component

BOTTOM_ALIGNMENT, CENTER_ALIGNMENT, LEFT_ALIGNMENT, RIGHT_ALIGNMENT, TOP_ALIGNMENT

Fields inherited from interface java.awt.image.ImageObserver

ABORT, ALLBITS, ERROR, FRAMEBITS, HEIGHT, PROPERTIES, SOMEBITS, WIDTH

Fields inherited from interface javax.swing.WindowConstants

DISPOSE_ON_CLOSE, DO_NOTHING_ON_CLOSE, EXIT_ON_CLOSE, HIDE_ON_CLOSE

Method Summary

| | |
|---|---|
| void | fillAllArraysWithContent() Take all the user defined rows from the valve adjustment table and save them into arrays |
| static ValveAdjustmentTableGUI | getInstance (int numberOfColumns, java.lang.String[] cyl_no, java.lang.String[] cyl_pos, java.lang.String vehicleID, java.lang.String workstationID, java.lang.String orderID) Singleton constructor for ValveAdjustmentTableGUI |

void

[saveTable\(\)](#)

First fill all the arrays with the user defined rows Then get the mechanic Comments and the customer comments Then Create the new valveadjustment table with all the arrays

Methods inherited from class `javax.swing.JFrame`

`addImpl`, `createRootPane`, `frameInit`, `getAccessibleContext`, `getContentPane`, `getDefaultCloseOperation`, `getGlassPane`, `getGraphics`, `getJMenuBar`, `getLayeredPane`, `getRootPane`, `getTransferHandler`, `isDefaultLookAndFeelDecorated`, `isRootPaneCheckingEnabled`, `paramString`, `processWindowEvent`, `remove`, `repaint`, `setContentPane`, `setDefaultCloseOperation`, `setDefaultLookAndFeelDecorated`, `setGlassPane`, `setIconImage`, `setJMenuBar`, `setLayeredPane`, `setLayout`, `setRootPane`, `setRootPaneCheckingEnabled`, `setTransferHandler`, `update`

Methods inherited from class `java.awt.Frame`

`addNotify`, `getAccessibleContext`, `getCursorType`, `getExtendedState`, `getFrames`, `getIconImage`, `getMaximizedBounds`, `getMenuBar`, `getState`, `getTitle`, `isResizable`, `isUndecorated`, `paramString`, `remove`, `removeNotify`, `setCursor`, `setExtendedState`, `setIconImage`, `setMaximizedBounds`, `setMenuBar`, `setResizable`, `setState`, `setTitle`, `setUndecorated`

Methods inherited from class `java.awt.Window`

`addNotify`, `addPropertyChangeListener`, `addPropertyChangeListener`, `addWindowFocusListener`, `addWindowListener`, `addWindowStateListener`, `applyResourceBundle`, `applyResourceBundle`, `createBufferStrategy`, `createBufferStrategy`, `dispose`, `getAccessibleContext`, `getBufferStrategy`, `getFocusableWindowState`, `getFocusCycleRootAncestor`, `getFocusOwner`, `getFocusTraversalKeys`, `getGraphicsConfiguration`, `getIconImages`, `getInputContext`, `getListeners`, `getLocale`, `getModalExclusionType`, `getMostRecentFocusOwner`, `getOwnedWindows`, `getOwner`, `getOwnerlessWindows`, `getToolkit`, `getWarningString`, `getWindowFocusListeners`, `getWindowListeners`, `getWindows`, `getWindowStateListeners`, `hide`, `isActive`, `isAlwaysOnTop`, `isAlwaysOnTopSupported`, `isFocusableWindow`, `isFocusCycleRoot`, `isFocused`, `isLocationByPlatform`, `isShowing`, `pack`, `paint`, `postEvent`, `processEvent`, `processWindowEvent`, `processWindowFocusEvent`, `processWindowStateEvent`, `removeNotify`, `removeWindowFocusListener`, `removeWindowListener`, `removeWindowStateListener`, `reshape`, `setAlwaysOnTop`, `setBounds`, `setBounds`, `setCursor`, `setFocusableWindowState`, `setFocusCycleRoot`, `setIconImage`, `setIconImages`, `setLocationByPlatform`, `setLocationRelativeTo`, `setMinimumSize`, `setModalExclusionType`, `setSize`, `setSize`, `setVisible`, `show`, `toBack`, `toFront`

Methods inherited from class `java.awt.Container`

```
add, add, add, add, add, addContainerListener, addImpl, addNotify,
addPropertyChangeListener, addPropertyChangeListener, applyComponentOrientation,
areFocusTraversalKeysSet, countComponents, deliverEvent, doLayout, findComponentAt,
findComponentAt, getAlignmentX, getAlignmentY, getComponent, getComponentAt,
getComponentAt, getComponentCount, getComponents, getComponentZOrder,
getContainerListeners, getFocusTraversalKeys, getFocusTraversalPolicy, getInsets,
getLayout, getListeners, getMaximumSize, getMinimumSize, getMousePosition,
getPreferredSize, insets, invalidate, isAncestorOf, isFocusCycleRoot,
isFocusCycleRoot, isFocusTraversalPolicyProvider, isFocusTraversalPolicySet, layout,
list, list, locate, minimumSize, paint, paintComponents, paramString, preferredSize,
print, printComponents, processContainerEvent, processEvent, remove, remove,
removeAll, removeContainerListener, removeNotify, setComponentZOrder,
setFocusCycleRoot, setFocusTraversalKeys, setFocusTraversalPolicy,
setFocusTraversalPolicyProvider, setFont, setLayout, transferFocusBackward,
transferFocusDownCycle, update, validate, validateTree
```

Methods inherited from class `java.awt.Component`

```
clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait,
wait
```

```
imageUpdate
```

```
getFont, postEvent, remove
```

Methods inherited from interface javax.accessibility.Accessible

getAccessibleContext

Methods inherited from interface java.awt.MenuContainer

getFont, postEvent, remove

Methods inherited from interface javax.accessibility.Accessible

getAccessibleContext

Methods inherited from interface javax.swing.RootPaneContainer

getContentPane, getGlassPane, getLayeredPane, getRootPane, setContentPane, setGlassPane, setLayeredPane

Methods inherited from interface javax.swing.TransferHandler.HasGetTransferHandler

getTransferHandler

Methods

getInstance

```
public static ValveAdjustmentTableGUI getInstance(int numberOfColumns,
    java.lang.String[] cyl_no,
    java.lang.String[] cyl_pos,
    java.lang.String vehicleID,
    java.lang.String workstationID,
    java.lang.String orderID)
```

Singleton constructor for ValveAdjustmentTableGUI

Parameters:

numberOfColumns - number of columns to make set by user
 cyl_no - array with all cylinder numbers
 cyl_pos - array with all cylinder positions

Returns:

only ONE instance of valveAdjustment table

saveTable

```
public void saveTable()
```

First fill all the arrays with the user defined rows Then get the mechanic Comments and the customer comments Then Create the new valveadjustment table with all the arrays

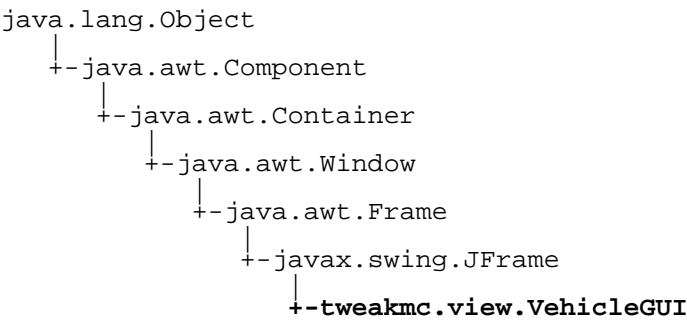
fillAllArraysWithContent

```
public void fillAllArraysWithContent()
```

Take all the user defined rows from the valve adjustment table and save them into arrays

tweakmc.view

Class VehicleGUI



All Implemented Interfaces:
java.io.Serializable, java.awt.MenuContainer, java.awt.image.ImageObserver, javax.accessibility.Accessible, java.awt.MenuContainer, javax.swing.TransferHandler.HasGetTransferHandler, javax.swing.RootPaneContainer, javax.accessibility.Accessible, javax.swing.WindowConstants

public class **VehicleGUI**
extends javax.swing.JFrame

| Fields inherited from class javax.swing.JFrame |
|--|
| accessibleContext, EXIT_ON_CLOSE, rootPane, rootPaneCheckingEnabled |
| Fields inherited from class java.awt.Frame |
| CROSSHAIR_CURSOR, DEFAULT_CURSOR, E_RESIZE_CURSOR, HAND_CURSOR, ICONIFIED, MAXIMIZED_BOTH, MAXIMIZED_HORIZ, MAXIMIZED_VERT, MOVE_CURSOR, N_RESIZE_CURSOR, NE_RESIZE_CURSOR, NORMAL, NW_RESIZE_CURSOR, S_RESIZE_CURSOR, SE_RESIZE_CURSOR, SW_RESIZE_CURSOR, TEXT_CURSOR, W_RESIZE_CURSOR, WAIT_CURSOR |
| Fields inherited from class java.awt.Component |
| BOTTOM_ALIGNMENT, CENTER_ALIGNMENT, LEFT_ALIGNMENT, RIGHT_ALIGNMENT, TOP_ALIGNMENT |
| Fields inherited from interface java.awt.image.ImageObserver |
| ABORT, ALLBITS, ERROR, FRAMEBITS, HEIGHT, PROPERTIES, SOMEBITS, WIDTH |
| Fields inherited from interface javax.swing.WindowConstants |
| DISPOSE_ON_CLOSE, DO_NOTHING_ON_CLOSE, EXIT_ON_CLOSE, HIDE_ON_CLOSE |

| Constructor Summary | |
|---------------------|---|
| public | VehicleGUI() Creates new form VehicleGUI |

Method Summary

| | |
|----------------------------|--|
| void | <u>buildAutoCompleteVectors()</u> Fill name in autocomplete vectors for VehicleGUI |
| void | <u>deleteVehicle()</u> Delete a vehicle if selected |
| java.lang.String[] | <u>enterSearchDetails()</u> (java.lang.Object searchCriteria) This method ask the controller-layer to perform a search for a vehicle Search results are set from the controller-layer as multiply list of Vehicle-objects, String and ints The variables model and vType in every object in the actFoundsVehicleObjects list is put together as a string and inserted to an arraylist(actFoundsBrandModel) which will be converted to an array The same applies to the list of vehilce id |
| static java.util.Vector | <u>getBrandVector()</u> Return the vector with brands |
| javax.swing.JPanel | <u>getPanel()</u> |
| boolean | <u>getVehicleSaved()</u> Return vehicles saved status |
| void | <u>setVehicleSavedStatus()</u> (boolean vehicleSaved) Set the vehicles saved status |

Methods inherited from class javax.swing.JFrame

addImpl, createRootPane, frameInit, getAccessibleContext, getContentPane, getDefaultCloseOperation, getGlassPane, getGraphics, getJMenuBar, getLayeredPane, getRootPane, getTransferHandler, isDefaultLookAndFeelDecorated, isRootPaneCheckingEnabled, paramString, processWindowEvent, remove, repaint, setContentPane, setDefaultCloseOperation, setDefaultCloseOperation, setGlassPane, setIconImage, setJMenuBar, setLayeredPane, setLayout, setRootPane, setRootPaneCheckingEnabled, setTransferHandler, update

Methods inherited from class java.awt.Frame

addNotify, getAccessibleContext, getCursorType, getExtendedState, getFrames, getIconImage, getMaximizedBounds, getMenuBar, getState, getTitle, isResizable, isUndecorated, paramString, remove, removeNotify, setCursor, setExtendedState, setIconImage, setMaximizedBounds, setMenuBar, setResizable, setState, setTitle, setUndecorated

Methods inherited from class java.awt.Window

```

addNotify, addPropertyChangeListener, addPropertyChangeListener,
addWindowFocusListener, addWindowListener, addWindowStateListener,
applyResourceBundle, applyResourceBundle, createBufferStrategy, createBufferStrategy,
dispose, getAccessibleContext, getBufferStrategy, getFocusableWindowState,
getFocusCycleRootAncestor, getFocusOwner, getFocusTraversalKeys,
getGraphicsConfiguration, getIconImages, getInputContext, getListeners, getLocale,
getModalExclusionType, getMostRecentFocusOwner, getOwnedWindows, getOwner,
getOwnerlessWindows, getToolkit, getWarningString, getWindowFocusListeners,
getWindowListeners, getWindows, getWindowStateListeners, hide, isActive,
isAlwaysOnTop, isAlwaysOnTopSupported, isFocusableWindow, isFocusCycleRoot,
isFocused, isLocationByPlatform, isShowing, pack, paint, postEvent, processEvent,
processWindowEvent, processWindowFocusEvent, processWindowStateEvent, removeNotify,
removeWindowFocusListener, removeWindowListener, removeWindowStateListener, reshape,
setAlwaysOnTop, setBounds, setBounds, setCursor, setFocusableWindowState,
setFocusCycleRoot, setIconImage, setIconImages, setLocationByPlatform,
setLocationRelativeTo, setMinimumSize, setModalExclusionType, setSize, setSize,
setVisible, show, toBack, toFront

```

Methods inherited from class java.awt.Container

```

add, add, add, add, add, addContainerListener, addImpl, addNotify,
addPropertyChangeListener, addPropertyChangeListener, applyComponentOrientation,
areFocusTraversalKeysSet, countComponents, deliverEvent, doLayout, findComponentAt,
findComponentAt, getAlignmentX, getAlignmentY, getComponent, getComponentAt,
getComponentAt, getComponentCount, getComponents, getComponentZOrder,
getContainerListeners, getFocusTraversalKeys, getFocusTraversalPolicy, getInsets,
getLayout, getListeners, getMaximumSize, getMinimumSize, getMousePosition,
getPreferredSize, insets, invalidate, isAncestorOf, isFocusCycleRoot,
isFocusCycleRoot, isFocusTraversalPolicyProvider, isFocusTraversalPolicySet, layout,
list, list, locate, minimumSize, paint, paintComponents, paramString, preferredSize,
print, printComponents, processContainerEvent, processEvent, remove, remove,
removeAll, removeContainerListener, removeNotify, setComponentZOrder,
setFocusCycleRoot, setFocusTraversalKeys, setFocusTraversalPolicy,
setFocusTraversalPolicyProvider, setFont, setLayout, transferFocusBackward,
transferFocusDownCycle, update, validate, validateTree

```

Methods inherited from class java.awt.Component

```
clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait
```

```
imageUpdate
```

```
getFont, postEvent, remove
```

Methods inherited from interface javax.accessibility.Accessible`getAccessibleContext`**Methods inherited from interface** java.awt.MenuContainer`getFont, postEvent, remove`**Methods inherited from interface** javax.accessibility.Accessible`getAccessibleContext`**Methods inherited from interface** javax.swing.RootPaneContainer`getContentPane, getGlassPane, getLayeredPane, getRootPane, setContentPane, setGlassPane, setLayeredPane`**Methods inherited from interface** javax.swing.TransferHandler.HasGetTransferHandler`getTransferHandler`

Constructors

VehicleGUI

```
public VehicleGUI()
```

Creates new form VehicleGUI

Methods

getPanel

```
public javax.swing.JPanel getPanel()
```

getVehicleSaved

```
public boolean getVehicleSaved()
```

Return vehicles saved status

Returns:

vehicles saved status

setVehicleSavedStatus

```
public void setVehicleSavedStatus(boolean vehicleSaved)
```

Set the vehicles saved status

Parameters:

vehicleSaved - boolean vehicle saved status

buildAutoCompleteVectors

```
public void buildAutoCompleteVectors()
```

Fill name in autocomplete vectors for VehicleGUI

getBrandVector

```
public static java.util.Vector getBrandVector()
```

Return the vector with brands

Returns:

vector with brands

enterSearchDetails

```
public java.lang.String[] enterSearchDetails(java.lang.Object searchCriteria)
```

This method ask the controller-layer to perform a search for a vehicle Search results are set from the controller-layer as multiply list of Vehicle-objects, String and ints The variables model and vType in every object in the actFoundsVehicleObjects list is put together as a string and inserted to an arraylist(actFoundsBrandModel) which will be converted to an array The same applies to the list of vehilce id

Parameters:

searchCriteria

Returns:

void

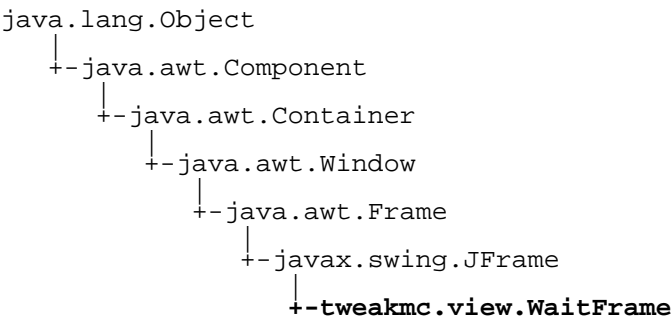
deleteVehicle

```
public void deleteVehicle()
```

Delete a vehicle if selected

tweakmc.view

Class WaitFrame



All Implemented Interfaces:
java.io.Serializable, java.awt.MenuContainer, java.awt.image.ImageObserver, javax.accessibility.Accessible, java.awt.MenuContainer, javax.swing.TransferHandler.HasGetTransferHandler, javax.swing.RootPaneContainer, javax.accessibility.Accessible, javax.swing.WindowConstants

public class **WaitFrame**
extends javax.swing.JFrame

| Fields inherited from class javax.swing.JFrame |
|---|
| accessibleContext, EXIT_ON_CLOSE, rootPane, rootPaneCheckingEnabled |

| Fields inherited from class java.awt.Frame |
|--|
| CROSSHAIR_CURSOR, DEFAULT_CURSOR, E_RESIZE_CURSOR, HAND_CURSOR, ICONIFIED, MAXIMIZED_BOTH, MAXIMIZED_HORIZ, MAXIMIZED_VERT, MOVE_CURSOR, N_RESIZE_CURSOR, NE_RESIZE_CURSOR, NORMAL, NW_RESIZE_CURSOR, S_RESIZE_CURSOR, SE_RESIZE_CURSOR, SW_RESIZE_CURSOR, TEXT_CURSOR, W_RESIZE_CURSOR, WAIT_CURSOR |

| Fields inherited from class java.awt.Component |
|--|
| BOTTOM_ALIGNMENT, CENTER_ALIGNMENT, LEFT_ALIGNMENT, RIGHT_ALIGNMENT, TOP_ALIGNMENT |

| Fields inherited from interface java.awt.image.ImageObserver |
|---|
| ABORT, ALLBITS, ERROR, FRAMEBITS, HEIGHT, PROPERTIES, SOMEBITS, WIDTH |

| Fields inherited from interface javax.swing.WindowConstants |
|---|
| DISPOSE_ON_CLOSE, DO_NOTHING_ON_CLOSE, EXIT_ON_CLOSE, HIDE_ON_CLOSE |

| Constructor Summary | |
|---------------------|---|
| public | WaitFrame (java.awt.Dimension size) Creates new form WaitFrame |

Method Summary

| | |
|-------------|---|
| void | killWait() Kill the waiting time |
| static void | main (java.lang.String[] args, java.awt.Dimension size) |
| void | startWait() Start waiting time |

Methods inherited from class javax.swing.JFrame

addImpl, createRootPane, frameInit, getAccessibleContext, getContentPane, getDefaultCloseOperation, getGlassPane, getGraphics, getJMenuBar, getLayeredPane, getRootPane, getTransferHandler, isDefaultLookAndFeelDecorated, isRootPaneCheckingEnabled, paramString, processWindowEvent, remove, repaint, setContentPane, setDefaultCloseOperation, setDefaultLookAndFeelDecorated, setGlassPane, setIconImage, setJMenuBar, setLayeredPane, setLayout, setRootPane, setRootPaneCheckingEnabled, setTransferHandler, update

Methods inherited from class java.awt.Frame

addNotify, getAccessibleContext, getCursorType, getExtendedState, getFrames, getIconImage, getMaximizedBounds, getMenuBar, getState, getTitle, isResizable, isUndecorated, paramString, remove, removeNotify, setCursor, setExtendedState, setIconImage, setMaximizedBounds, setMenuBar, setResizable, setState, setTitle, setUndecorated

Methods inherited from class java.awt.Window

addNotify, addPropertyChangeListener, addPropertyChangeListener, addWindowFocusListener, addWindowListener, addWindowStateListener, applyResourceBundle, applyResourceBundle, createBufferStrategy, createBufferStrategy, dispose, getAccessibleContext, getBufferStrategy, getFocusableWindowState, getFocusCycleRootAncestor, getFocusOwner, getFocusTraversalKeys, getGraphicsConfiguration, getIconImages, getInputContext, getListeners, getLocale, getModalExclusionType, getMostRecentFocusOwner, getOwnedWindows, getOwner, getOwnerlessWindows, getToolkit, getWarningString, getWindowFocusListeners, getWindowListeners, getWindows, getWindowStateListeners, hide, isActive, isAlwaysOnTop, isAlwaysOnTopSupported, isFocusableWindow, isFocusCycleRoot, isFocused, isLocationByPlatform, isShowing, pack, paint, postEvent, processEvent, processWindowEvent, processWindowFocusEvent, processWindowStateEvent, removeNotify, removeWindowFocusListener, removeWindowListener, removeWindowStateListener, reshape, setAlwaysOnTop, setBounds, setBounds, setCursor, setFocusableWindowState, setFocusCycleRoot, setIconImage, setIconImages, setLocationByPlatform, setLocationRelativeTo, setMinimumSize, setModalExclusionType, setSize, setSize, setVisible, show, toBack, toFront

Methods inherited from class java.awt.Container

```
add, add, add, add, add, addContainerListener, addImpl, addNotify,
addPropertyChangeListener, addPropertyChangeListener, applyComponentOrientation,
areFocusTraversalKeysSet, countComponents, deliverEvent, doLayout, findComponentAt,
findComponentAt, getAlignmentX, getAlignmentY, getComponent, getComponentAt,
getComponentAt, getComponentCount, getComponents, getComponentZOrder,
getContainerListeners, getFocusTraversalKeys, getFocusTraversalPolicy, getInsets,
getLayout, getListeners, getMaximumSize, getMinimumSize, getMousePosition,
getPreferredSize, insets, invalidate, isAncestorOf, isFocusCycleRoot,
isFocusCycleRoot, isFocusTraversalPolicyProvider, isFocusTraversalPolicySet, layout,
list, list, locate, minimumSize, paint, paintComponents, paramString, preferredSize,
print, printComponents, processContainerEvent, processEvent, remove, remove,
removeAll, removeContainerListener, removeNotify, setComponentZOrder,
setFocusCycleRoot, setFocusTraversalKeys, setFocusTraversalPolicy,
setFocusTraversalPolicyProvider, setFont, setLayout, transferFocusBackward,
transferFocusDownCycle, update, validate, validateTree
```

Methods inherited from class `java.awt.Component`


```
clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait,
wait
```

```
imageUpdate
```

```
getFont, postEvent, remove
```

Methods inherited from interface javax.accessibility.Accessible`getAccessibleContext`**Methods inherited from interface** java.awt.MenuContainer`getFont, postEvent, remove`**Methods inherited from interface** javax.accessibility.Accessible`getAccessibleContext`**Methods inherited from interface** javax.swing.RootPaneContainer`getContentPane, getGlassPane, getLayeredPane, getRootPane, setContentPane, setGlassPane, setLayeredPane`**Methods inherited from interface** javax.swing.TransferHandler.HasGetTransferHandler`getTransferHandler`

Constructors

WaitFrame

```
public WaitFrame(java.awt.Dimension size)
```

Creates new form WaitFrame

Methods

startWait

```
public void startWait()
```

Start waiting time

killWait

```
public void killWait()
```

Kill the waiting time

main

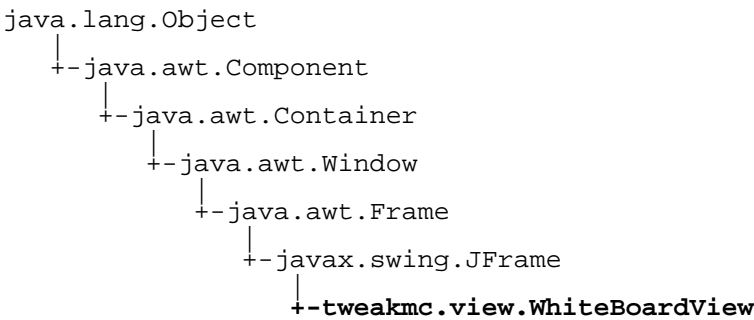
```
public static void main(java.lang.String[] args,  
    java.awt.Dimension size)
```

Parameters:

args - the command line arguments

tweakmc.view

Class WhiteBoardView



All Implemented Interfaces:
java.io.Serializable, java.awt.MenuContainer, java.awt.image.ImageObserver, javax.accessibility.Accessible, java.awt.MenuContainer, javax.swing.TransferHandler.HasGetTransferHandler, javax.swing.RootPaneContainer, javax.accessibility.Accessible, javax.swing.WindowConstants

public class **WhiteBoardView**
extends javax.swing.JFrame

| |
|--|
| Fields inherited from class javax.swing.JFrame |
| accessibleContext, EXIT_ON_CLOSE, rootPane, rootPaneCheckingEnabled |
| Fields inherited from class java.awt.Frame |
| CROSSHAIR_CURSOR, DEFAULT_CURSOR, E_RESIZE_CURSOR, HAND_CURSOR, ICONIFIED, MAXIMIZED_BOTH, MAXIMIZED_HORIZ, MAXIMIZED_VERT, MOVE_CURSOR, N_RESIZE_CURSOR, NE_RESIZE_CURSOR, NORMAL, NW_RESIZE_CURSOR, S_RESIZE_CURSOR, SE_RESIZE_CURSOR, SW_RESIZE_CURSOR, TEXT_CURSOR, W_RESIZE_CURSOR, WAIT_CURSOR |
| Fields inherited from class java.awt.Component |
| BOTTOM_ALIGNMENT, CENTER_ALIGNMENT, LEFT_ALIGNMENT, RIGHT_ALIGNMENT, TOP_ALIGNMENT |
| Fields inherited from interface java.awt.image.ImageObserver |
| ABORT, ALLBITS, ERROR, FRAMEBITS, HEIGHT, PROPERTIES, SOMEBITS, WIDTH |
| Fields inherited from interface javax.swing.WindowConstants |
| DISPOSE_ON_CLOSE, DO_NOTHING_ON_CLOSE, EXIT_ON_CLOSE, HIDE_ON_CLOSE |

| | |
|---------------------|--|
| Constructor Summary | |
| public | WhiteBoardView (java.lang.String vehicleID, java.lang.String workstationID, java.lang.String orderID) Creates new form WhiteBoardView |

Method Summary

| | |
|-------------|---|
| static void | main (java.lang.String[] args) |
| static void | setColumnNames (java.lang.String[] columnNames) Set the column names |
| static void | setCylinderNo (java.lang.String[] cylinderNo) Set the cylinder numbers |

Methods inherited from class javax.swing.JFrame

addImpl, createRootPane, frameInit, getAccessibleContext, getContentPane, getDefaultCloseOperation, getGlassPane, getGraphics, getJMenuBar, getLayeredPane, getRootPane, getTransferHandler, isDefaultLookAndFeelDecorated, isRootPaneCheckingEnabled, paramString, processWindowEvent, remove, repaint, setContentPane, setDefaultCloseOperation, setDefaultLookAndFeelDecorated, setGlassPane, setIconImage, setJMenuBar, setLayeredPane, setLayout, setRootPane, setRootPaneCheckingEnabled, setTransferHandler, update

Methods inherited from class java.awt.Frame

addNotify, getAccessibleContext, getCursorType, getExtendedState, getFrames, getIconImage, getMaximizedBounds, getMenuBar, getState, getTitle, isResizable, isUndecorated, paramString, remove, removeNotify, setCursor, setExtendedState, setIconImage, setMaximizedBounds, setMenuBar, setResizable, setState, setTitle, setUndecorated

Methods inherited from class java.awt.Window

addNotify, addPropertyChangeListener, addPropertyChangeListener, addWindowFocusListener, addWindowListener, addWindowStateListener, applyResourceBundle, applyResourceBundle, createBufferStrategy, createBufferStrategy, dispose, getAccessibleContext, getBufferStrategy, getFocusableWindowState, getFocusCycleRootAncestor, getFocusOwner, getFocusTraversalKeys, getGraphicsConfiguration, getIconImages, getInputContext, getListeners, getLocale, getModalExclusionType, getMostRecentFocusOwner, getOwnedWindows, getOwner, getOwnerlessWindows, getToolkit, getWarningString, getWindowFocusListeners, getWindowListeners, getWindows, getWindowStateListeners, hide, isActive, isAlwaysOnTop, isAlwaysOnTopSupported, isFocusableWindow, isFocusCycleRoot, isFocused, isLocationByPlatform, isShowing, pack, paint, postEvent, processEvent, processWindowEvent, processWindowFocusEvent, processWindowStateEvent, removeNotify, removeWindowFocusListener, removeWindowListener, removeWindowStateListener, reshape, setAlwaysOnTop, setBounds, setBounds, setCursor, setFocusableWindowState, setFocusCycleRoot, setIconImage, setIconImages, setLocationByPlatform, setLocationRelativeTo, setMinimumSize, setModalExclusionType, setSize, setSize, setVisible, show, toBack, toFront

Methods inherited from class java.awt.Container

```
add, add, add, add, add, addContainerListener, addImpl, addNotify,
addPropertyChangeListener, addPropertyChangeListener, applyComponentOrientation,
areFocusTraversalKeysSet, countComponents, deliverEvent, doLayout, findComponentAt,
findComponentAt, getAlignmentX, getAlignmentY, getComponent, getComponentAt,
getComponentAt, getComponentCount, getComponents, getComponentZOrder,
getContainerListeners, getFocusTraversalKeys, getFocusTraversalPolicy, getInsets,
getLayout, getListeners, getMaximumSize, getMinimumSize, getMousePosition,
getPreferredSize, insets, invalidate, isAncestorOf, isFocusCycleRoot,
isFocusCycleRoot, isFocusTraversalPolicyProvider, isFocusTraversalPolicySet, layout,
list, list, locate, minimumSize, paint, paintComponents, paramString, preferredSize,
print, printComponents, processContainerEvent, processEvent, remove, remove,
removeAll, removeContainerListener, removeNotify, setComponentZOrder,
setFocusCycleRoot, setFocusTraversalKeys, setFocusTraversalPolicy,
setFocusTraversalPolicyProvider, setFont, setLayout, transferFocusBackward,
transferFocusDownCycle, update, validate, validateTree
```

Methods inherited from class `java.awt.Component`

```
clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait,
wait
```

```
imageUpdate
```

```
getFont, postEvent, remove
```

Methods inherited from interface javax.accessibility.Accessible

getAccessibleContext

Methods inherited from interface java.awt.MenuContainer

getFont, postEvent, remove

Methods inherited from interface javax.accessibility.Accessible

getAccessibleContext

Methods inherited from interface javax.swing.RootPaneContainer

getContentPane, getGlassPane, getLayeredPane, getRootPane, setContentPane, setGlassPane, setLayeredPane

Methods inherited from interface javax.swing.TransferHandler.HasGetTransferHandler

getTransferHandler

Constructors

WhiteBoardView

```
public WhiteBoardView(java.lang.String vehicleID,
                      java.lang.String workstationID,
                      java.lang.String orderID)
```

Creates new form WhiteBoardView

Methods

setColumnNames

```
public static void setColumnNames(java.lang.String[] columnNames)
```

Set the column names

Parameters:

columnNames - column names to the table

setCylinderNo

```
public static void setCylinderNo(java.lang.String[] cylinderNo)
```

Set the cylinder numbers

Parameters:

cylinderNo - Array with cylinder numbers

main

```
public static void main(java.lang.String[] args)
```

(continued from last page)

Parameters:

args - the command line arguments

tweakmc.view

Class WorkStationGUI

```

java.lang.Object
├── java.awt.Component
│   ├── java.awt.Container
│   │   ├── javax.swing.JComponent
│   │   │   ├── javax.swing.JPanel
│   │   │   └── tweakmc.view.WorkStationGUI

```

All Implemented Interfaces:

java.io.Serializable, java.awt.MenuContainer, java.awt.image.ImageObserver,
 javax.swing.TransferHandler.HasGetTransferHandler, java.io.Serializable, javax.accessibility.Accessible

```

public class WorkStationGUI
extends javax.swing.JPanel

```

Fields inherited from class javax.swing.JComponent

accessibleContext, listenerList, TOOL_TIP_TEXT_KEY, ui, UNDEFINED_CONDITION,
 WHEN_ANCESTOR_OF_FOCUSED_COMPONENT, WHEN_FOCUSED, WHEN_IN_FOCUSED_WINDOW

Fields inherited from class java.awt.Component

BOTTOM_ALIGNMENT, CENTER_ALIGNMENT, LEFT_ALIGNMENT, RIGHT_ALIGNMENT, TOP_ALIGNMENT

Fields inherited from interface java.awt.image.ImageObserver

ABORT, ALLBITS, ERROR, FRAMEBITS, HEIGHT, PROPERTIES, SOMEBITS, WIDTH

Constructor Summary

| | |
|--------|---|
| public | WorkStationGUI() Creates new form WorkStationGUI |
|--------|---|

Method Summary

| | |
|---|---|
| javax.swing.JPanel | getPanel() The actual workstationPanel |
| javax.swing.tree.DefaultMutableTreeNode | getTreeModel() |

Methods inherited from class javax.swing.JPanel

getAccessibleContext, getUI, getUIClassID, paramString, setUI, updateUI

Methods inherited from class javax.swing.JComponent

```

addAncestorListener, addNotify, addVetoableChangeListener, computeVisibleRect,
contains, createToolTip, disable, enable, firePropertyChange, firePropertyChange,
firePropertyChange, fireVetoableChange, getAccessibleContext, getActionForKeyStroke,
getActionMap, getAlignmentX, getAlignmentY, getAncestorListeners, getAutoscrolls,
getBaseline, getBaselineResizeBehavior, getBorder, getBounds, getClientProperty,
getComponentGraphics, getComponentPopupMenu, getConditionForKeyStroke,
getDebugGraphicsOptions, getDefaultLocale, getFontMetrics, getGraphics, getHeight,
getInheritsPopupMenu, getInputMap, getInputMap, getInputVerifier, getInsets,
getInsets, getListeners, getLocation, getMaximumSize, getMinimumSize,
getNextFocusableComponent, getPopupLocation, getPreferredSize,
getRegisteredKeyStrokes, getRootPane, getSize, getToolTipLocation, getToolTipText,
getToolTipText, getTopLevelAncestor, getTransferHandler, getUIClassID,
getVerifyInputWhenFocusTarget, getVetoableChangeListeners, getVisibleRect, getWidth,
getX, getY, grabFocus, isDoubleBuffered, isLightweightComponent, isManagingFocus,
isOpaque, isOptimizedDrawingEnabled, isPaintingForPrint, isPaintingTile,
isRequestFocusEnabled, isValidRoot, paint, paintBorder, paintChildren,
paintComponent, paintImmediately, paintImmediately, paramString, print, printAll,
printBorder, printChildren, printComponent, processComponentKeyEvent,
processKeyBinding, processKeyEvent, processMouseEvent, processMouseEvent,
putClientProperty, registerKeyboardAction, registerKeyboardAction,
removeAncestorListener, removeNotify, removeVetoableChangeListener, repaint, repaint,
requestDefaultFocus, requestFocus, requestFocus, requestFocusInWindow,
requestFocusInWindow, resetKeyboardActions, reshape, revalidate, scrollRectToVisible,
setActionMap, setAlignmentX, setAlignmentY, setAutoscrolls, setBackground, setBorder,
setComponentPopupMenu, setDebugGraphicsOptions, setDefaultLocale, setDoubleBuffered,
setEnabled, setFocusTraversalKeys, setFont, setForeground, setInheritsPopupMenu,
setInputMap, setInputVerifier, setMaximumSize, setMinimumSize,
setNextFocusableComponent, setOpaque, setPreferredSize, setRequestFocusEnabled,
setToolTipText, setTransferHandler, setUI, setVerifyInputWhenFocusTarget, setVisible,
unregisterKeyboardAction, update, updateUI

```

Methods inherited from class java.awt.Container

```

add, add, add, add, add, addContainerListener, addImpl, addNotify,
addPropertyChangeListener, addPropertyChangeListener, applyComponentOrientation,
areFocusTraversalKeysSet, countComponents, deliverEvent, doLayout, findComponentAt,
findComponentAt, getAlignmentX, getAlignmentY, getComponent, getComponentAt,
getComponentAt, getComponentCount, getComponents, getComponentZOrder,
getContainerListeners, getFocusTraversalKeys, getFocusTraversalPolicy, getInsets,
getLayout, getListeners, getMaximumSize, getMinimumSize, getMousePosition,
getPreferredSize, insets, invalidate, isAncestorOf, isFocusCycleRoot,
isFocusCycleRoot, isFocusTraversalPolicyProvider, isFocusTraversalPolicySet, layout,
list, list, locate, minimumSize, paint, paintComponents, paramString, preferredSize,
print, printComponents, processContainerEvent, processEvent, remove, remove,
removeAll, removeContainerListener, removeNotify, setComponentZOrder,
setFocusCycleRoot, setFocusTraversalKeys, setFocusTraversalPolicy,
setFocusTraversalPolicyProvider, setFont, setLayout, transferFocusBackward,
transferFocusDownCycle, update, validate, validateTree

```

Methods inherited from class java.awt.Component

```
clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait,
wait
```

```
imageUpdate
```

```
getFont, postEvent, remove
```

| |
|--|
| Methods inherited from interface <code>javax.swing.TransferHandler.HasGetTransferHandler</code> |
| <code>getTransferHandler</code> |

| |
|---|
| Methods inherited from interface <code>javax.accessibility.Accessible</code> |
| <code>getAccessibleContext</code> |

Constructors

WorkStationGUI

```
public WorkStationGUI()
```

Creates new form WorkStationGUI

Methods

getPanel

```
public javax.swing.JPanel getPanel()
```

The actual workstationPanel

Returns:

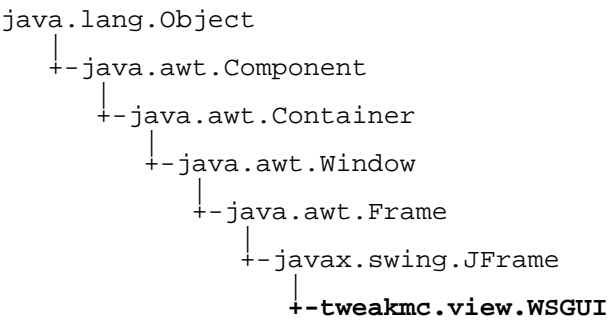
the panel with all layout

getTreeModel

```
public javax.swing.tree.DefaultMutableTreeNode getTreeModel()
```

tweakmc.view

Class WSGUI



All Implemented Interfaces:
java.io.Serializable, java.awt.MenuContainer, java.awt.image.ImageObserver, javax.accessibility.Accessible, java.awt.MenuContainer, javax.swing.TransferHandler.HasGetTransferHandler, javax.swing.RootPaneContainer, javax.accessibility.Accessible, javax.swing.WindowConstants

public class **WSGUI**
extends javax.swing.JFrame

| Fields inherited from class javax.swing.JFrame |
|--|
| accessibleContext, EXIT_ON_CLOSE, rootPane, rootPaneCheckingEnabled |
| Fields inherited from class java.awt.Frame |
| CROSSHAIR_CURSOR, DEFAULT_CURSOR, E_RESIZE_CURSOR, HAND_CURSOR, ICONIFIED, MAXIMIZED_BOTH, MAXIMIZED_HORIZ, MAXIMIZED_VERT, MOVE_CURSOR, N_RESIZE_CURSOR, NE_RESIZE_CURSOR, NORMAL, NW_RESIZE_CURSOR, S_RESIZE_CURSOR, SE_RESIZE_CURSOR, SW_RESIZE_CURSOR, TEXT_CURSOR, W_RESIZE_CURSOR, WAIT_CURSOR |
| Fields inherited from class java.awt.Component |
| BOTTOM_ALIGNMENT, CENTER_ALIGNMENT, LEFT_ALIGNMENT, RIGHT_ALIGNMENT, TOP_ALIGNMENT |
| Fields inherited from interface java.awt.image.ImageObserver |
| ABORT, ALLBITS, ERROR, FRAMEBITS, HEIGHT, PROPERTIES, SOMEBITS, WIDTH |
| Fields inherited from interface javax.swing.WindowConstants |
| DISPOSE_ON_CLOSE, DO_NOTHING_ON_CLOSE, EXIT_ON_CLOSE, HIDE_ON_CLOSE |

Constructor Summary

| | |
|--------|---|
| public | WSGUI() Creates new form WSGUI |
|--------|---|

Method Summary

| | |
|--------------------|---|
| java.lang.String | getStationName() Return the name for the tab where user is |
| javax.swing.JPanel | getWorkstationPanel() Gives the panel for GUI |
| static void | main (java.lang.String[] args) |

Methods inherited from class javax.swing.JFrame

addImpl, createRootPane, frameInit, getAccessibleContext, getContentPane, getDefaultCloseOperation, getGlassPane, getGraphics, getJMenuBar, getLayeredPane, getRootPane, getTransferHandler, isDefaultLookAndFeelDecorated, isRootPaneCheckingEnabled, paramString, processWindowEvent, remove, repaint, setContentPane, setDefaultCloseOperation, setDefaultLookAndFeelDecorated, setGlassPane, setIconImage, setJMenuBar, setLayeredPane, setLayout, setRootPane, setRootPaneCheckingEnabled, setTransferHandler, update

Methods inherited from class java.awt.Frame

addNotify, getAccessibleContext, getCursorType, getExtendedState, getFrames, getIconImage, getMaximizedBounds, getMenuBar, getState, getTitle, isResizable, isUndecorated, paramString, remove, removeNotify, setCursor, setExtendedState, setIconImage, setMaximizedBounds, setMenuBar, setResizable, setState, setTitle, setUndecorated

Methods inherited from class java.awt.Window

addNotify, addPropertyChangeListener, addPropertyChangeListener, addWindowFocusListener, addWindowListener, addWindowStateListener, applyResourceBundle, applyResourceBundle, createBufferStrategy, createBufferStrategy, dispose, getAccessibleContext, getBufferStrategy, getFocusableWindowState, getFocusCycleRootAncestor, getFocusOwner, getFocusTraversalKeys, getGraphicsConfiguration, getIconImages, getInputContext, getListeners, getLocale, getModalExclusionType, getMostRecentFocusOwner, getOwnedWindows, getOwner, getOwnerlessWindows, getToolkit, getWarningString, getWindowFocusListeners, getWindowListeners, getWindows, getWindowStateListeners, hide, isActive, isAlwaysOnTop, isAlwaysOnTopSupported, isFocusableWindow, isFocusCycleRoot, isFocused, isLocationByPlatform, isShowing, pack, paint, postEvent, processEvent, processWindowEvent, processWindowFocusEvent, processWindowStateEvent, removeNotify, removeWindowFocusListener, removeWindowListener, removeWindowStateListener, reshape, setAlwaysOnTop, setBounds, setBounds, setCursor, setFocusableWindowState, setFocusCycleRoot, setIconImage, setIconImages, setLocationByPlatform, setLocationRelativeTo, setMinimumSize, setModalExclusionType, setSize, setSize, setVisible, show, toBack, toFront

Methods inherited from class java.awt.Container

```
add, add, add, add, add, addContainerListener, addImpl, addNotify,
addPropertyChangeListener, addPropertyChangeListener, applyComponentOrientation,
areFocusTraversalKeysSet, countComponents, deliverEvent, doLayout, findComponentAt,
findComponentAt, getAlignmentX, getAlignmentY, getComponent, getComponentAt,
getComponentAt, getComponentCount, getComponents, getComponentZOrder,
getContainerListeners, getFocusTraversalKeys, getFocusTraversalPolicy, getInsets,
getLayout, getListeners, getMaximumSize, getMinimumSize, getMousePosition,
getPreferredSize, insets, invalidate, isAncestorOf, isFocusCycleRoot,
isFocusCycleRoot, isFocusTraversalPolicyProvider, isFocusTraversalPolicySet, layout,
list, list, locate, minimumSize, paint, paintComponents, paramString, preferredSize,
print, printComponents, processContainerEvent, processEvent, remove, remove,
removeAll, removeContainerListener, removeNotify, setComponentZOrder,
setFocusCycleRoot, setFocusTraversalKeys, setFocusTraversalPolicy,
setFocusTraversalPolicyProvider, setFont, setLayout, transferFocusBackward,
transferFocusDownCycle, update, validate, validateTree
```

Methods inherited from class `java.awt.Component`

```
clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait,
wait
```

| |
|-------------|
| imageUpdate |
|-------------|

getFont, postEvent, remove

Methods inherited from interface javax.accessibility.Accessible`getAccessibleContext`**Methods inherited from interface** java.awt.MenuContainer`getFont, postEvent, remove`**Methods inherited from interface** javax.accessibility.Accessible`getAccessibleContext`**Methods inherited from interface** javax.swing.RootPaneContainer`getContentPane, getGlassPane, getLayeredPane, getRootPane, setContentPane, setGlassPane, setLayeredPane`**Methods inherited from interface** javax.swing.TransferHandler.HasGetTransferHandler`getTransferHandler`

Constructors

WSGUI

```
public WSGUI()
```

Creates new form WSGUI

Methods

getWorkstationPanel

```
public javax.swing.JPanel getWorkstationPanel()
```

Gives the panel for GUI

Returns:

JPanel with all design

getStationName

```
public java.lang.String getStationName()
```

Return the name for the tab where user is

Returns:

name on active tab

main

```
public static void main(java.lang.String[] args)
```

(continued from last page)

Parameters:

`args` - the command line arguments

Package

tweakmc.view.resultviewUtility

tweakmc.view.resultviewUtility

Class ResultTreeUtility

java.lang.Object

└--tweakmc.view.resultviewUtility.ResultTreeUtility

```
public class ResultTreeUtility
    extends java.lang.Object
```

Produce Tree models , to present result for Vehicles in the GUI

Constructor Summary

| | |
|--------|-------------------------------------|
| public | ResultTreeUtility() |
|--------|-------------------------------------|

Method Summary

| | |
|---|---|
| static javax.swing.tree.DefaultMutableTreeNode | getResultTreeModelWithoutWhiteboard (java.lang.String resultName) Return the actual model with all relevant informations |
| static javax.swing.tree.DefaultMutableTreeNode | getResultTreeModelWithWhiteboard (java.lang.String resultName) Return the actual model with all relevant informations |
| static void | setNode (java.util.Vector results) Fill names on the results |

Methods inherited from class java.lang.Object

clone, equals, finalize, getClass, hashCode, notify, notifyAll, toString, wait, wait, wait

Constructors

ResultTreeUtility

```
public ResultTreeUtility()
```

Methods

getResultTreeModelWithoutWhiteboard

```
public static javax.swing.tree.DefaultMutableTreeNode
getResultTreeModelWithoutWhiteboard(java.lang.String resultName)
```

Return the actual model with all relevant informations

Parameters:

resultName - for the tree

(continued from last page)

Returns:treemodel with info

getResultTreeModelWithWhiteboard

```
public static javax.swing.tree.DefaultMutableTreeNode  
getResultTreeModelWithWhiteboard(java.lang.String resultName)
```

Return the actual model with all relevant informations

Parameters:

resultName - for the tree

Returns:treemodel with info

setNode

```
public static void setNode(java.util.Vector results)
```

Fill names on the results

Parameters:

results - for this vehicled