

BSPQ21-E1

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# Chapter 1

## Namespace Index

### 1.1 Packages

Here are the packages with brief descriptions (if available):

#### [client.main](#)

This is the documentation for the Java package [client.main](#) intended to work as a wrapper for the Domain Object Model (DOM) of the EasyFilmin Project. This package is composed by 2 classes, EasyFilmin and EasyFilminAdmin. The purpose of this classes is to run the User interface or the Admin interface

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<a href="#">es.deusto.bspq21e1.server.dao</a>	10
<a href="#">es.deusto.bspq21e1.server.data</a>	10
<a href="#">es.deusto.bspq21e1.server.dto</a>	11
<a href="#">es.deusto.bspq21e1.server.remote</a>	11



## Chapter 2

# Hierarchical Index

### 2.1 Class Hierarchy

This inheritance list is sorted roughly, but not completely, alphabetically:

es.deusto.bspq21e1.server.remote.AirBV . . . . .	13
es.deusto.bspq21e1.client.main.AirBVClient . . . . .	16
es.deusto.bspq21e1.server.AirBVService . . . . .	17
es.deusto.bspq21e1.server.AirBVServiceTest . . . . .	20
es.deusto.bspq21e1.server.dto.Assembler . . . . .	21
es.deusto.bspq21e1.client.controller.Controller . . . . .	25
es.deusto.bspq21e1.client.controller.ControllerTest . . . . .	28
es.deusto.bspq21e1.server.dao.DBManager . . . . .	30
es.deusto.bspq21e1.server.dao.DBManagerTest . . . . .	34
es.deusto.bspq21e1.server.data.Reservation . . . . .	42
es.deusto.bspq21e1.serialization.ReservationData . . . . .	45
es.deusto.bspq21e1.server.data.ReservationTest . . . . .	49
es.deusto.bspq21e1.server.data.Review . . . . .	50
es.deusto.bspq21e1.serialization.ReviewData . . . . .	53
es.deusto.bspq21e1.server.data.ReviewTest . . . . .	55
es.deusto.bspq21e1.server.data.User . . . . .	57
es.deusto.bspq21e1.serialization.UserData . . . . .	61
es.deusto.bspq21e1.server.data.UserTest . . . . .	64
es.deusto.bspq21e1.server.data.Van . . . . .	65
es.deusto.bspq21e1.serialization.VanData . . . . .	71
es.deusto.bspq21e1.server.data.VanTest . . . . .	76
JFrame	
es.deusto.bspq21e1.client.gui.CancelReservationWindow . . . . .	23
es.deusto.bspq21e1.client.gui.CharacteristicsWindow . . . . .	24
es.deusto.bspq21e1.client.gui.InitialWindow . . . . .	36
es.deusto.bspq21e1.client.gui.LogInWindow . . . . .	37
es.deusto.bspq21e1.client.gui.MainWindow . . . . .	38
es.deusto.bspq21e1.client.gui.RegisterUserWindow . . . . .	39
es.deusto.bspq21e1.client.gui.RegisterVanWindow . . . . .	40
es.deusto.bspq21e1.client.gui.RemoveAccountWindow . . . . .	41
es.deusto.bspq21e1.client.gui.RemoveVanWindow . . . . .	42
es.deusto.bspq21e1.client.gui.SearchWindow . . . . .	57





## Chapter 3

# Class Index

### 3.1 Class List

Here are the classes, structs, unions and interfaces with brief descriptions:

<a href="#">es.deusto.bspq21e1.server.remote.AirBV</a>	13
<a href="#">es.deusto.bspq21e1.client.main.AirBVClient</a>	16
<a href="#">es.deusto.bspq21e1.server.AirBVService</a>	17
<a href="#">es.deusto.bspq21e1.server.AirBVServiceTest</a>	20
<a href="#">es.deusto.bspq21e1.server.dto.Assembler</a>	21
<a href="#">es.deusto.bspq21e1.client.gui.CancelReservationWindow</a>	23
<a href="#">es.deusto.bspq21e1.client.gui.CharacteristicsWindow</a>	24
<a href="#">es.deusto.bspq21e1.client.controller.Controller</a>	25
<a href="#">es.deusto.bspq21e1.client.controller.ControllerTest</a>	28
<a href="#">es.deusto.bspq21e1.server.dao.DBManager</a>	30
<a href="#">es.deusto.bspq21e1.server.dao.DBManagerTest</a>	34
<a href="#">es.deusto.bspq21e1.client.gui.InitialWindow</a>	36
<a href="#">es.deusto.bspq21e1.client.gui.LogInWindow</a>	37
<a href="#">es.deusto.bspq21e1.client.gui.MainWindow</a>	38
<a href="#">es.deusto.bspq21e1.client.gui.RegisterUserWindow</a>	39
<a href="#">es.deusto.bspq21e1.client.gui.RegisterVanWindow</a>	40
<a href="#">es.deusto.bspq21e1.client.gui.RemoveAccountWindow</a>	41
<a href="#">es.deusto.bspq21e1.client.gui.RemoveVanWindow</a>	42
<a href="#">es.deusto.bspq21e1.server.data.Reservation</a>	42
<a href="#">es.deusto.bspq21e1.serialization.ReservationData</a>	45
<a href="#">es.deusto.bspq21e1.server.data.ReservationTest</a>	49
<a href="#">es.deusto.bspq21e1.server.data.Review</a>	50
<a href="#">es.deusto.bspq21e1.serialization.ReviewData</a>	53
<a href="#">es.deusto.bspq21e1.server.data.ReviewTest</a>	55
<a href="#">es.deusto.bspq21e1.client.gui.SearchWindow</a>	57
<a href="#">es.deusto.bspq21e1.server.data.User</a>	57
<a href="#">es.deusto.bspq21e1.serialization.UserData</a>	61
<a href="#">es.deusto.bspq21e1.server.data.UserTest</a>	64
<a href="#">es.deusto.bspq21e1.server.data.Van</a>	65
<a href="#">es.deusto.bspq21e1.serialization.VanData</a>	71
<a href="#">es.deusto.bspq21e1.server.data.VanTest</a>	76



## Chapter 4

# File Index

### 4.1 File List

Here is a list of all files with brief descriptions:

C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/main/java/es/deusto/bspq21e1/client/controller/Controller.java	79
C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/main/java/es/deusto/bspq21e1/client/gui/CancelReservationWindow.java	79
C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/main/java/es/deusto/bspq21e1/client/gui/CharacteristicsWindow.java	79
C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/main/java/es/deusto/bspq21e1/client/gui/InitialWindow.java	80
C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/main/java/es/deusto/bspq21e1/client/gui/LoginWindow.java	80
C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/main/java/es/deusto/bspq21e1/client/gui/MainWindow.java	80
C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/main/java/es/deusto/bspq21e1/client/gui/RegisterUserWindow.java	81
C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/main/java/es/deusto/bspq21e1/client/gui/RegisterVanWindow.java	81
C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/main/java/es/deusto/bspq21e1/client/gui/RemoveAccountWindow.java	81
C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/main/java/es/deusto/bspq21e1/client/gui/RemoveVanWindow.java	81
C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/main/java/es/deusto/bspq21e1/client/gui/SearchWindow.java	82
C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/main/java/es/deusto/bspq21e1/client/main/AirBVClient.java	82
C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/main/java/es/deusto/bspq21e1/serialization/ReservationData.java	82
C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/main/java/es/deusto/bspq21e1/serialization/ReviewData.java	83
C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/main/java/es/deusto/bspq21e1/serialization/UserData.java	83
C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/main/java/es/deusto/bspq21e1/serialization/VanData.java	83
C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/main/java/es/deusto/bspq21e1/server/AirBVService.java	83
C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/main/java/es/deusto/bspq21e1/server/dao/DBManager.java	84

C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/main/java/es/deusto/bspq21e1/server/data/[Reservation.java](#)  
84

C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/main/java/es/deusto/bspq21e1/server/data/[Review.java](#)  
84

C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/main/java/es/deusto/bspq21e1/server/data/[User.java](#) 85

C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/main/java/es/deusto/bspq21e1/server/data/[Van.java](#) 85

C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/main/java/es/deusto/bspq21e1/server/dto/[Assembler.java](#)  
85

C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/main/java/es/deusto/bspq21e1/server/remote/[AirBV.java](#)  
85

C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/test/java/es/deusto/bspq21e1/client/controller/[ControllerTest.java](#)  
86

C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/test/java/es/deusto/bspq21e1/server/[AirBVServiceTest.java](#)  
86

C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/test/java/es/deusto/bspq21e1/server/dao/[DBManagerTest.java](#)  
86

C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/test/java/es/deusto/bspq21e1/server/data/[ReservationTest.java](#)  
87

C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/test/java/es/deusto/bspq21e1/server/data/[ReviewTest.java](#)  
87

C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/test/java/es/deusto/bspq21e1/server/data/[UserTest.java](#)  
87

C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/test/java/es/deusto/bspq21e1/server/data/[VanTest.java](#)  
87

## Chapter 5

# Namespace Documentation

### 5.1 Package `client.main`

This is the documentation for the Java package `client.main` intended to work as a wrapper for the Domain Object Model (DOM) of the EasyFilmin Project. This package is composed by 2 classes, `EasyFilmin` and `EasyFilminAdmin`. The purpose of this classes is to run the User interface or the Admin interface.

#### 5.1.1 Detailed Description

This is the documentation for the Java package `client.main` intended to work as a wrapper for the Domain Object Model (DOM) of the EasyFilmin Project. This package is composed by 2 classes, `EasyFilmin` and `EasyFilminAdmin`. The purpose of this classes is to run the User interface or the Admin interface.

### 5.2 Package `es.deusto.bspq21e1.client.controller`

#### Classes

- class `Controller`
- class `ControllerTest`

### 5.3 Package `es.deusto.bspq21e1.client.gui`

#### Classes

- class `CancelReservationWindow`
- class `CharacteristicsWindow`
- class `InitialWindow`
- class `LoginWindow`
- class `MainWindow`
- class `RegisterUserWindow`
- class `RegisterVanWindow`
- class `RemoveAccountWindow`
- class `RemoveVanWindow`
- class `SearchWindow`

## 5.4 Package es.deusto.bspq21e1.client.main

### Classes

- class [AirBVClient](#)

## 5.5 Package es.deusto.bspq21e1.serialization

### Classes

- class [ReservationData](#)
- class [ReviewData](#)
- class [UserData](#)
- class [VanData](#)

## 5.6 Package es.deusto.bspq21e1.server

### Packages

- package [dao](#)
- package [data](#)
- package [dto](#)
- package [remote](#)

### Classes

- class [AirBVService](#)
- class [AirBVServiceTest](#)

## 5.7 Package es.deusto.bspq21e1.server.dao

### Classes

- class [DBManager](#)
- class [DBManagerTest](#)

## 5.8 Package es.deusto.bspq21e1.server.data

### Classes

- class [Reservation](#)
- class [Review](#)
- class [User](#)
- class [Van](#)
- class [ReservationTest](#)
- class [ReviewTest](#)
- class [UserTest](#)
- class [VanTest](#)

## 5.9 Package es.deusto.bspq21e1.server.dto

### Classes

- class [Assembler](#)

## 5.10 Package es.deusto.bspq21e1.server.remote

### Classes

- class [AirBV](#)





## Chapter 6

# Class Documentation

### 6.1 es.deusto.bspq21e1.server.remote.AirBV Class Reference

#### Public Member Functions

- [AirBV](#) ()
- Response [registerUser](#) ([UserData](#) userData)
- Response [deleteUser](#) (@PathParam("dni") String dni)
- Response [registerVan](#) ([VanData](#) vanData, @PathParam("kitchen") boolean kitchen, @PathParam("shower") boolean shower)
- Response [deleteVan](#) (@PathParam("licensePlate") String licensePlate)
- Response [cancelReservation](#) (@PathParam("code") String code)
- Response [registerReservation](#) ([ReservationData](#) rD)
- ArrayList< [VanData](#) > [searchVans](#) ( @PathParam("location") String location)
- Response [login](#) (@PathParam("email") String email, @PathParam("password") String password)
- ArrayList< [ReservationData](#) > [getUserReservations](#) ( @PathParam("dni") String dni)
- ArrayList< [VanData](#) > [getUserVans](#) ( @PathParam("dni") String dni)

#### 6.1.1 Detailed Description

This is the remote façade pattern class. This class will be in contact with the client side of the application. Managing all of the GET and POST requests, and making use of the ApplicationService pattern.

{@Path} in the class definition is used to define the HTTP path, as well as all of the {@Path} seen bellow in the corresponding methods.

Author

Group 3

Definition at line 40 of file AirBV.java.

#### 6.1.2 Constructor & Destructor Documentation

### 6.1.2.1 AirBV()

```
es.deusto.bspq21e1.server.remote.AirBV.AirBV ( )
```

Definition at line 61 of file AirBV.java.

## 6.1.3 Member Function Documentation

### 6.1.3.1 cancelReservation()

```
Response es.deusto.bspq21e1.server.remote.AirBV.cancelReservation (
    @PathParam("code") String code )
```

Definition at line 117 of file AirBV.java.

### 6.1.3.2 deleteUser()

```
Response es.deusto.bspq21e1.server.remote.AirBV.deleteUser (
    @PathParam("dni") String dni )
```

Definition at line 75 of file AirBV.java.

### 6.1.3.3 deleteVan()

```
Response es.deusto.bspq21e1.server.remote.AirBV.deleteVan (
    @PathParam("licensePlate") String licensePlate )
```

Definition at line 107 of file AirBV.java.

### 6.1.3.4 getUserReservations()

```
ArrayList<ReservationData> es.deusto.bspq21e1.server.remote.AirBV.getUserReservations (
    @PathParam("dni") String dni )
```

Definition at line 169 of file AirBV.java.

### 6.1.3.5 getUserVans()

```
ArrayList<VanData> es.deusto.bspq21e1.server.remote.AirBV.getUserVans (
    @PathParam("dni") String dni )
```

Definition at line 182 of file AirBV.java.

### 6.1.3.6 login()

```
Response es.deusto.bspq21e1.server.remote.AirBV.login (
    @PathParam("email") String email,
    @PathParam("password") String password )
```

Definition at line 156 of file AirBV.java.

### 6.1.3.7 registerReservation()

```
Response es.deusto.bspq21e1.server.remote.AirBV.registerReservation (
    ReservationData rD )
```

Definition at line 127 of file AirBV.java.

### 6.1.3.8 registerUser()

```
Response es.deusto.bspq21e1.server.remote.AirBV.registerUser (
    UserData userData )
```

Definition at line 65 of file AirBV.java.

### 6.1.3.9 registerVan()

```
Response es.deusto.bspq21e1.server.remote.AirBV.registerVan (
    VanData vanData,
    @PathParam("kitchen") boolean kitchen,
    @PathParam("shower") boolean shower )
```

Transforms VanData into Van and uses a method from the Application Service to store a Van

#### Parameters

<i>vanData</i>	
----------------	--

Definition at line 87 of file AirBV.java.

#### 6.1.3.10 searchVans()

```
ArrayList<VanData> es.deusto.bspq21e1.server.remote.AirBV.searchVans (
    @PathParam("location") String location )
```

Definition at line 144 of file AirBV.java.

The documentation for this class was generated from the following file:

- C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/main/java/es/deusto/bspq21e1/server/remote/[AirBV.java](#)

## 6.2 es.deusto.bspq21e1.client.main.AirBVClient Class Reference

### Static Public Member Functions

- static void [main](#) (String[] args)

#### 6.2.1 Detailed Description

This class is the main class of our project, gets the arguments of the

Author

BSPQ21-E1

Definition at line 18 of file AirBVClient.java.

#### 6.2.2 Member Function Documentation

##### 6.2.2.1 main()

```
static void es.deusto.bspq21e1.client.main.AirBVClient.main (
    String[] args ) [static]
```

Definition at line 22 of file AirBVClient.java.

The documentation for this class was generated from the following file:

- C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/main/java/es/deusto/bspq21e1/client/main/[AirBVClient.java](#)

## 6.3 es.deusto.bspq21e1.server.AirBVService Class Reference

### Public Member Functions

- [AirBVService](#) ()
- boolean [registerUser](#) (String dni, String name, String email, String password)
- boolean [registerVan](#) ([Van](#) van)
- boolean [cancelReservation](#) (String code)
- boolean [registerReservation](#) (Date bookingDate, int duration, String van, String vanRenter)
- ArrayList< [Van](#) > [searchVans](#) (String location)
- [User](#) [login](#) (String email, String password)
- ArrayList< [Reservation](#) > [getUserReservations](#) (String dni)
- ArrayList< [Van](#) > [getUserVans](#) (String dni)
- boolean [deleteUser](#) (String dni)
- boolean [deleteVan](#) (String licensePlate)

### 6.3.1 Detailed Description

Application service class.

Definition at line 20 of file AirBVService.java.

### 6.3.2 Constructor & Destructor Documentation

#### 6.3.2.1 AirBVService()

```
es.deusto.bspq21e1.server.AirBVService.AirBVService ( )
```

Definition at line 28 of file AirBVService.java.

### 6.3.3 Member Function Documentation

#### 6.3.3.1 cancelReservation()

```
boolean es.deusto.bspq21e1.server.AirBVService.cancelReservation (
    String code )
```

Definition at line 55 of file AirBVService.java.

#### 6.3.3.2 deleteUser()

```
boolean es.deusto.bspq21e1.server.AirBVService.deleteUser (
    String dni )
```

Definition at line 98 of file AirBVService.java.

#### 6.3.3.3 deleteVan()

```
boolean es.deusto.bspq21e1.server.AirBVService.deleteVan (
    String licensePlate )
```

Definition at line 106 of file AirBVService.java.

#### 6.3.3.4 getUserReservations()

```
ArrayList<Reservation> es.deusto.bspq21e1.server.AirBVService.getUserReservations (
    String dni )
```

Definition at line 87 of file AirBVService.java.

#### 6.3.3.5 getUserVans()

```
ArrayList<Van> es.deusto.bspq21e1.server.AirBVService.getUserVans (
    String dni )
```

Definition at line 92 of file AirBVService.java.

#### 6.3.3.6 login()

```
User es.deusto.bspq21e1.server.AirBVService.login (
    String email,
    String password )
```

Definition at line 81 of file AirBVService.java.

### 6.3.3.7 registerReservation()

```
boolean es.deusto.bspq21e1.server.AirBVService.registerReservation (
    Date bookingDate,
    int duration,
    String van,
    String vanRenter )
```

Definition at line 60 of file AirBVService.java.

### 6.3.3.8 registerUser()

```
boolean es.deusto.bspq21e1.server.AirBVService.registerUser (
    String dni,
    String name,
    String email,
    String password )
```

Registers a new user in Database and stores it in the map

#### Parameters

<i>dni</i>	- new user's dni
<i>name</i>	- new users' name
<i>email</i>	- new user's email
<i>password</i>	- new user's password

#### Returns

returns the created new User

Definition at line 40 of file AirBVService.java.

### 6.3.3.9 registerVan()

```
boolean es.deusto.bspq21e1.server.AirBVService.registerVan (
    Van van )
```

Definition at line 47 of file AirBVService.java.

### 6.3.3.10 searchVans()

```
ArrayList<Van> es.deusto.bspq21e1.server.AirBVService.searchVans (
    String location )
```

Definition at line 70 of file AirBVService.java.

The documentation for this class was generated from the following file:

- C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/main/java/es/deusto/bspq21e1/server/[AirBVService.java](#)

## 6.4 es.deusto.bspq21e1.server.AirBVServiceTest Class Reference

### Public Member Functions

- void [setUp](#) () throws Exception
- void [tearDown](#) () throws Exception
- void [searchVansTest](#) ()
- void [loginTest](#) ()
- void [getUserReservationsTest](#) ()
- void [getUserVans](#) ()

### 6.4.1 Detailed Description

Definition at line 24 of file AirBVServiceTest.java.

### 6.4.2 Member Function Documentation

#### 6.4.2.1 [getUserReservationsTest\(\)](#)

```
void es.deusto.bspq21e1.server.AirBVServiceTest.getUserReservationsTest ( )
```

Definition at line 113 of file AirBVServiceTest.java.

#### 6.4.2.2 [getUserVans\(\)](#)

```
void es.deusto.bspq21e1.server.AirBVServiceTest.getUserVans ( )
```

Definition at line 120 of file AirBVServiceTest.java.

#### 6.4.2.3 [loginTest\(\)](#)

```
void es.deusto.bspq21e1.server.AirBVServiceTest.loginTest ( )
```

Definition at line 103 of file AirBVServiceTest.java.



#### 6.4.2.4 searchVansTest()

```
void es.deusto.bspq21e1.server.AirBVServiceTest.searchVansTest ( )
```

Definition at line 96 of file AirBVServiceTest.java.

#### 6.4.2.5 setUp()

```
void es.deusto.bspq21e1.server.AirBVServiceTest.setUp ( ) throws Exception
```

Definition at line 41 of file AirBVServiceTest.java.

#### 6.4.2.6 tearDown()

```
void es.deusto.bspq21e1.server.AirBVServiceTest.tearDown ( ) throws Exception
```

Definition at line 80 of file AirBVServiceTest.java.

The documentation for this class was generated from the following file:

- C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/test/java/es/deusto/bspq21e1/server/[AirBVServiceTest.java](#)

## 6.5 es.deusto.bspq21e1.server.dto.Assembler Class Reference

### Public Member Functions

- [UserData](#) assembleUser ([User](#) u)
- [ReservationData](#) assembleReservation ([Reservation](#) r)
- [VanData](#) assembleVan ([Van](#) v)
- [ReviewData](#) assembleReview ([Review](#) r)
- [User](#) disassembleUser ([UserData](#) u)
- [Reservation](#) disassembleReservation ([ReservationData](#) r)
- [Van](#) disassembleVan ([VanData](#) v)
- [Review](#) disassembleReview ([ReviewData](#) r)

### 6.5.1 Detailed Description

Definition at line 14 of file Assembler.java.

### 6.5.2 Member Function Documentation

#### 6.5.2.1 assembleReservation()

```
ReservationData es.deusto.bspq21e1.server.dto.Assembler.assembleReservation (
    Reservation r )
```

Definition at line 24 of file Assembler.java.

#### 6.5.2.2 assembleReview()

```
ReviewData es.deusto.bspq21e1.server.dto.Assembler.assembleReview (
    Review r )
```

Definition at line 36 of file Assembler.java.

#### 6.5.2.3 assembleUser()

```
UserData es.deusto.bspq21e1.server.dto.Assembler.assembleUser (
    User u )
```

Definition at line 18 of file Assembler.java.

#### 6.5.2.4 assembleVan()

```
VanData es.deusto.bspq21e1.server.dto.Assembler.assembleVan (
    Van v )
```

Definition at line 30 of file Assembler.java.

#### 6.5.2.5 disassembleReservation()

```
Reservation es.deusto.bspq21e1.server.dto.Assembler.disassembleReservation (
    ReservationData r )
```

Definition at line 49 of file Assembler.java.

#### 6.5.2.6 disassembleReview()

```
Review es.deusto.bspq21e1.server.dto.Assembler.disassembleReview (
    ReviewData r )
```

Definition at line 68 of file Assembler.java.

### 6.5.2.7 disassembleUser()

```
User es.deusto.bspq21e1.server.dto.Assembler.disassembleUser (
    UserData u )
```

Definition at line 42 of file Assembler.java.

### 6.5.2.8 disassembleVan()

```
Van es.deusto.bspq21e1.server.dto.Assembler.disassembleVan (
    VanData v )
```

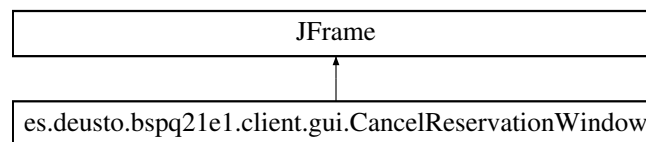
Definition at line 55 of file Assembler.java.

The documentation for this class was generated from the following file:

- C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/main/java/es/deusto/bspq21e1/server/dto/[Assembler.java](#)

## 6.6 es.deusto.bspq21e1.client.gui.CancelReservationWindow Class Reference

Inheritance diagram for es.deusto.bspq21e1.client.gui.CancelReservationWindow:



### Public Member Functions

- [CancelReservationWindow](#) ([Controller](#) controller, [UserData](#) userData, JFrame frmMain)

### 6.6.1 Detailed Description

Window class for the visualization of the logic behind cancellations of vans by a user.

Author

BSPQ21-E1

Version

1.0

Definition at line 27 of file CancelReservationWindow.java.

## 6.6.2 Constructor & Destructor Documentation

### 6.6.2.1 CancelReservationWindow()

```
es.deusto.bspq21e1.client.gui.CancelReservationWindow.CancelReservationWindow (
    Controller controller,
    UserData userData,
    JFrame frmMain )
```

Creates the window for a specific user.

#### Parameters

<i>controller</i>	Controller used for handling all requests in the system.
<i>userData</i>	The user that has logged in.

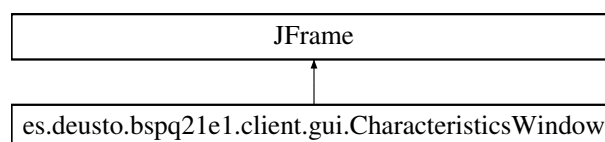
Definition at line 47 of file CancelReservationWindow.java.

The documentation for this class was generated from the following file:

- C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/main/java/es/deusto/bspq21e1/client/gui/CancelReservationWindow.java

## 6.7 es.deusto.bspq21e1.client.gui.CharacteristicsWindow Class Reference

Inheritance diagram for es.deusto.bspq21e1.client.gui.CharacteristicsWindow:



### Public Member Functions

- [CharacteristicsWindow](#) ([Controller](#) controller, [VanData](#) van, JFrame searchFrame)

### 6.7.1 Detailed Description

Definition at line 17 of file CharacteristicsWindow.java.

### 6.7.2 Constructor & Destructor Documentation

### 6.7.2.1 CharacteristicsWindow()

```
es.deusto.bspq21e1.client.gui.CharacteristicsWindow.CharacteristicsWindow (
    Controller controller,
    VanData van,
    JFrame searchFrame )
```

Definition at line 28 of file CharacteristicsWindow.java.

The documentation for this class was generated from the following file:

- C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/main/java/es/deusto/bspq21e1/client/gui/[CharacteristicsWindow.java](#)

## 6.8 es.deusto.bspq21e1.client.controller.Controller Class Reference

### Public Member Functions

- [Controller](#) (String hostname, String port)
- ArrayList< [VanData](#) > [searchVans](#) (String location)
- boolean [eraseUser](#) (String dni)
- boolean [eraseVan](#) (String licensePlate)
- boolean [cancelReservation](#) (String code)
- boolean [registerUsers](#) (String dni, String name, String email, String password)
- [UserData](#) [loginUser](#) (String email, String password)
- boolean [registerVan](#) ([VanData](#) vanData)
- boolean [registerReservation](#) (Date bookingDate, int duration, [VanData](#) vanData, [UserData](#) vanRenter)
- ArrayList< [ReservationData](#) > [getMyReservations](#) ([UserData](#) user)
- ArrayList< [VanData](#) > [getMyVans](#) (String dni)
- ResourceBundle [getResourcebundle](#) ()

### 6.8.1 Detailed Description

Definition at line 24 of file Controller.java.

### 6.8.2 Constructor & Destructor Documentation

#### 6.8.2.1 Controller()

```
es.deusto.bspq21e1.client.controller.Controller.Controller (
    String hostname,
    String port )
```

Definition at line 31 of file Controller.java.

## 6.8.3 Member Function Documentation

### 6.8.3.1 `cancelReservation()`

```
boolean es.deusto.bspq21e1.client.controller.Controller.cancelReservation (
    String code )
```

Definition at line 83 of file Controller.java.

### 6.8.3.2 `eraseUser()`

```
boolean es.deusto.bspq21e1.client.controller.Controller.eraseUser (
    String dni )
```

Definition at line 55 of file Controller.java.

### 6.8.3.3 `eraseVan()`

```
boolean es.deusto.bspq21e1.client.controller.Controller.eraseVan (
    String licensePlate )
```

Definition at line 69 of file Controller.java.

### 6.8.3.4 `getMyReservations()`

```
ArrayList<ReservationData> es.deusto.bspq21e1.client.controller.Controller.getMyReservations (
    UserData user )
```

Definition at line 176 of file Controller.java.

### 6.8.3.5 `getMyVans()`

```
ArrayList<VanData> es.deusto.bspq21e1.client.controller.Controller.getMyVans (
    String dni )
```

Definition at line 195 of file Controller.java.

### 6.8.3.6 getResourcebundle()

```
ResourceBundle es.deusto.bspq21e1.client.controller.Controller.getResourcebundle ( )
```

Returns the ResourceBundle

Returns

ResourceBundle

Definition at line 217 of file Controller.java.

### 6.8.3.7 loginUser()

```
UserData es.deusto.bspq21e1.client.controller.Controller.loginUser (
    String email,
    String password )
```

Definition at line 118 of file Controller.java.

### 6.8.3.8 registerReservation()

```
boolean es.deusto.bspq21e1.client.controller.Controller.registerReservation (
    Date bookingDate,
    int duration,
    VanData vanData,
    UserData vanRenter )
```

Definition at line 156 of file Controller.java.

### 6.8.3.9 registerUsers()

```
boolean es.deusto.bspq21e1.client.controller.Controller.registerUsers (
    String dni,
    String name,
    String email,
    String password )
```

Definition at line 98 of file Controller.java.

#### 6.8.3.10 registerVan()

```
boolean es.deusto.bspq21e1.client.controller.Controller.registerVan (
    VanData vanData )
```

Definition at line 136 of file Controller.java.

#### 6.8.3.11 searchVans()

```
ArrayList<VanData> es.deusto.bspq21e1.client.controller.Controller.searchVans (
    String location )
```

Definition at line 37 of file Controller.java.

The documentation for this class was generated from the following file:

- C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/main/java/es/deusto/bspq21e1/client/controller/[Controller.java](#)

## 6.9 es.deusto.bspq21e1.client.controller.ControllerTest Class Reference

### Public Member Functions

- void [setUp](#) () throws Exception
- void [tearDown](#) ()
- void [loginUserTest](#) ()
- void [getMyVansTest](#) ()
- void [searchVansTest](#) ()
- void [getMyReservations](#) ()

### 6.9.1 Detailed Description

Definition at line 27 of file ControllerTest.java.

### 6.9.2 Member Function Documentation

#### 6.9.2.1 getMyReservations()

```
void es.deusto.bspq21e1.client.controller.ControllerTest.getMyReservations ( )
```

Definition at line 124 of file ControllerTest.java.



### 6.9.2.2 getMyVansTest()

```
void es.deusto.bspq21e1.client.controller.ControllerTest.getMyVansTest ( )
```

Definition at line 110 of file ControllerTest.java.

### 6.9.2.3 loginUserTest()

```
void es.deusto.bspq21e1.client.controller.ControllerTest.loginUserTest ( )
```

Definition at line 99 of file ControllerTest.java.

### 6.9.2.4 searchVansTest()

```
void es.deusto.bspq21e1.client.controller.ControllerTest.searchVansTest ( )
```

Definition at line 117 of file ControllerTest.java.

### 6.9.2.5 setUp()

```
void es.deusto.bspq21e1.client.controller.ControllerTest.setUp ( ) throws Exception
```

Definition at line 44 of file ControllerTest.java.

### 6.9.2.6 tearDown()

```
void es.deusto.bspq21e1.client.controller.ControllerTest.tearDown ( )
```

Definition at line 83 of file ControllerTest.java.

The documentation for this class was generated from the following file:

- C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/test/java/es/deusto/bspq21e1/client/controller/[ControllerTest.java](#)

## 6.10 es.deusto.bspq21e1.server.dao.DBManager Class Reference

### Public Member Functions

- boolean [store](#) ([User](#) user)
- boolean [store](#) ([Van](#) van)
- boolean [store](#) ([Review](#) review)
- boolean [store](#) ([Reservation](#) reservation)
- boolean [deleteReservation](#) (String reservation)
- boolean [deleteUser](#) (String dni)
- boolean [deleteVan](#) (String licensePlate)
- [User](#) [getUser](#) (String dni)
- [Van](#) [getVan](#) (String licensePlate)
- List< [Reservation](#) > [getReservationsByUser](#) (String vanRenter)
- List< [Van](#) > [getVansByLocation](#) (String location)
- List< [Van](#) > [getVansByUser](#) (String user)
- [User](#) [validateLogin](#) (String email, String password)

### Static Public Member Functions

- static [DBManager](#) [getInstance](#) ()

#### 6.10.1 Detailed Description

Singleton [DBManager](#) class.

Author

Group E1

Version

1.0-SNAPSHOT

Definition at line 25 of file DBManager.java.

#### 6.10.2 Member Function Documentation

##### 6.10.2.1 deleteReservation()

```
boolean es.deusto.bspq21e1.server.dao.DBManager.deleteReservation (  
    String reservation )
```

Deletes a reservation from the DB.

## Parameters

<i>reservation</i>	
--------------------	--

Definition at line 123 of file DBManager.java.

### 6.10.2.2 deleteUser()

```
boolean es.deusto.bspq21e1.server.dao.DBManager.deleteUser (
    String dni )
```

Definition at line 157 of file DBManager.java.

### 6.10.2.3 deleteVan()

```
boolean es.deusto.bspq21e1.server.dao.DBManager.deleteVan (
    String licensePlate )
```

Definition at line 197 of file DBManager.java.

### 6.10.2.4 getInstance()

```
static DBManager es.deusto.bspq21e1.server.dao.DBManager.getInstance ( ) [static]
```

Method that creates a [DBManager](#) instance if needed and returns it.

## Returns

[DBManager](#) instance

Definition at line 39 of file DBManager.java.

### 6.10.2.5 getReservationsByUser()

```
List<Reservation> es.deusto.bspq21e1.server.dao.DBManager.getReservationsByUser (
    String vanRenter )
```

Method that finds and returns all of the reservations given a user.

**Parameters**

<i>vanRenter</i>	to retrieve the reservations from
------------------	-----------------------------------

**Returns**

an ArrayList with all of the user's reservations

Definition at line 329 of file DBManager.java.

**6.10.2.6 getUser()**

```
User es.deusto.bspq21e1.server.dao.DBManager.getUser (
    String dni )
```

Definition at line 259 of file DBManager.java.

**6.10.2.7 getVan()**

```
Van es.deusto.bspq21e1.server.dao.DBManager.getVan (
    String licensePlate )
```

Definition at line 289 of file DBManager.java.

**6.10.2.8 getVansByLocation()**

```
List<Van> es.deusto.bspq21e1.server.dao.DBManager.getVansByLocation (
    String location )
```

Definition at line 369 of file DBManager.java.

**6.10.2.9 getVansByUser()**

```
List<Van> es.deusto.bspq21e1.server.dao.DBManager.getVansByUser (
    String user )
```

Definition at line 415 of file DBManager.java.

**6.10.2.10 store() [1/4]**

```
boolean es.deusto.bspq21e1.server.dao.DBManager.store (
    Reservation reservation )
```

Stores a reservation in the DB (makes the object persistent).

## Parameters

<i>reservation</i>	
--------------------	--

Definition at line 80 of file DBManager.java.

**6.10.2.11 store() [2/4]**

```
boolean es.deusto.bspq21e1.server.dao.DBManager.store (
    Review review )
```

Stores a review in the DB (makes the object persistent).

## Parameters

<i>review</i>	
---------------	--

Definition at line 71 of file DBManager.java.

**6.10.2.12 store() [3/4]**

```
boolean es.deusto.bspq21e1.server.dao.DBManager.store (
    User user )
```

Stores a user in the DB (makes the object persistent).

## Parameters

<i>user</i>	
-------------	--

Definition at line 53 of file DBManager.java.

**6.10.2.13 store() [4/4]**

```
boolean es.deusto.bspq21e1.server.dao.DBManager.store (
    Van van )
```

Stores a van in the DB (makes the object persistent).

## Parameters

<i>van</i>	
------------	--

Definition at line 62 of file DBManager.java.

#### 6.10.2.14 validateLogin()

```
User es.deusto.bspq21e1.server.dao.DBManager.validateLogin (
    String email,
    String password )
```

Method that searches for a user given an email and password.

##### Parameters

<i>user's</i>	email and password
---------------	--------------------

##### Returns

user if valid login, null otherwise

Definition at line 466 of file DBManager.java.

The documentation for this class was generated from the following file:

- C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/main/java/es/deusto/bspq21e1/server/dao/[DBManager.java](#)

## 6.11 es.deusto.bspq21e1.server.dao.DBManagerTest Class Reference

### Public Member Functions

- void [validateUserTest](#) ()
- void [getReservationsByUser](#) ()
- void [getVansByUser](#) ()
- void [searchVanTest](#) ()
- void [getUserTest](#) ()

### Static Public Member Functions

- static junit.framework.Test [suite](#) ()
- static void [setUp](#) ()
- static void [tearDown](#) () throws Exception

### Public Attributes

- ContiPerfRule [rule](#) = new ContiPerfRule()

### 6.11.1 Detailed Description

Definition at line 32 of file DBManagerTest.java.

### 6.11.2 Member Function Documentation

#### 6.11.2.1 getReservationsByUser()

```
void es.deusto.bspq21e1.server.dao.DBManagerTest.getReservationsByUser ( )
```

Definition at line 131 of file DBManagerTest.java.

#### 6.11.2.2 getUserTest()

```
void es.deusto.bspq21e1.server.dao.DBManagerTest.getUserTest ( )
```

Definition at line 166 of file DBManagerTest.java.

#### 6.11.2.3 getVansByUser()

```
void es.deusto.bspq21e1.server.dao.DBManagerTest.getVansByUser ( )
```

Definition at line 143 of file DBManagerTest.java.

#### 6.11.2.4 searchVanTest()

```
void es.deusto.bspq21e1.server.dao.DBManagerTest.searchVanTest ( )
```

Definition at line 155 of file DBManagerTest.java.

#### 6.11.2.5 setUp()

```
static void es.deusto.bspq21e1.server.dao.DBManagerTest.setUp ( ) [static]
```

It initializes the variables used by the other methods

Definition at line 64 of file DBManagerTest.java.

#### 6.11.2.6 suite()

```
static junit.framework.Test es.deusto.bspq21e1.server.dao.DBManagerTest.suite ( ) [static]
```

Definition at line 56 of file DBManagerTest.java.

#### 6.11.2.7 tearDown()

```
static void es.deusto.bspq21e1.server.dao.DBManagerTest.tearDown ( ) throws Exception [static]
```

Removes everything not needed after executing a test

Definition at line 97 of file DBManagerTest.java.

#### 6.11.2.8 validateUserTest()

```
void es.deusto.bspq21e1.server.dao.DBManagerTest.validateUserTest ( )
```

Definition at line 119 of file DBManagerTest.java.

### 6.11.3 Member Data Documentation

#### 6.11.3.1 rule

```
ContiPerfRule es.deusto.bspq21e1.server.dao.DBManagerTest.rule = new ContiPerfRule()
```

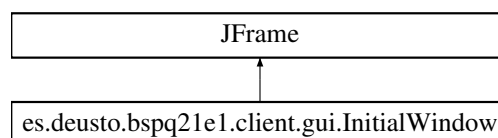
Definition at line 54 of file DBManagerTest.java.

The documentation for this class was generated from the following file:

- C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/test/java/es/deusto/bspq21e1/server/dao/[DBManagerTest.java](#)

## 6.12 es.deusto.bspq21e1.client.gui.InitialWindow Class Reference

Inheritance diagram for es.deusto.bspq21e1.client.gui.InitialWindow:





## Public Member Functions

- [InitialWindow](#) ([Controller](#) controller)

### 6.12.1 Detailed Description

Window class for the initial point of the program, where users can register or log in.

#### Author

SPQ Group 1

#### Version

1.0

Definition at line 20 of file InitialWindow.java.

### 6.12.2 Constructor & Destructor Documentation

#### 6.12.2.1 InitialWindow()

```
es.deusto.bspq21e1.client.gui.InitialWindow.InitialWindow (  
    Controller controller )
```

Creates the initial window of the program.

#### Parameters

<i>controller</i>	Controller used for handling all requests in the system.
-------------------	--

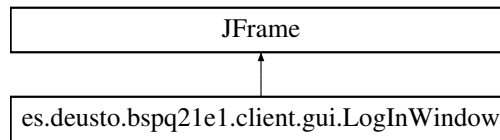
Definition at line 35 of file InitialWindow.java.

The documentation for this class was generated from the following file:

- C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/main/java/es/deusto/bspq21e1/client/gui/[InitialWindow.java](#)

## 6.13 es.deusto.bspq21e1.client.gui.LoginWindow Class Reference

Inheritance diagram for es.deusto.bspq21e1.client.gui.LoginWindow:



## Public Member Functions

- [LogInWindow](#) ([Controller](#) controller)

### 6.13.1 Detailed Description

Window for the user to log in to the application

Author

BSPQ21-E1

Definition at line 23 of file `LogInWindow.java`.

### 6.13.2 Constructor & Destructor Documentation

#### 6.13.2.1 LogInWindow()

```
es.deusto.bspq21e1.client.gui.LogInWindow.LogInWindow (
    Controller controller )
```

Create the application.

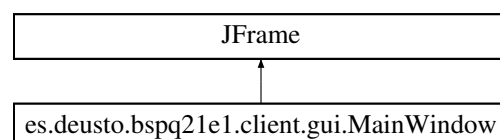
Definition at line 45 of file `LogInWindow.java`.

The documentation for this class was generated from the following file:

- `C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/main/java/es/deusto/bspq21e1/client/gui/LogInWindow.java`

## 6.14 es.deusto.bspq21e1.client.gui.MainWindow Class Reference

Inheritance diagram for `es.deusto.bspq21e1.client.gui.MainWindow`:



## Public Member Functions

- [MainWindow](#) ([Controller](#) controller, [UserData](#) user)

### 6.14.1 Detailed Description

Definition at line 14 of file MainWindow.java.

### 6.14.2 Constructor & Destructor Documentation

#### 6.14.2.1 MainWindow()

```
es.deusto.bspq21e1.client.gui.MainWindow.MainWindow (
    Controller controller,
    UserData user )
```

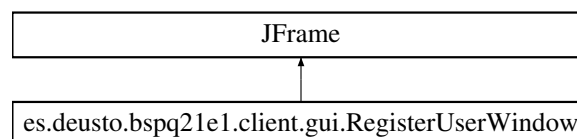
Definition at line 26 of file MainWindow.java.

The documentation for this class was generated from the following file:

- C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/main/java/es/deusto/bspq21e1/client/gui/[MainWindow.java](#)

## 6.15 es.deusto.bspq21e1.client.gui.RegisterUserWindow Class Reference

Inheritance diagram for es.deusto.bspq21e1.client.gui.RegisterUserWindow:



## Public Member Functions

- [RegisterUserWindow](#) ([Controller](#) controller)
- [RegisterUserWindow](#) ()

### 6.15.1 Detailed Description

Definition at line 21 of file RegisterUserWindow.java.

## 6.15.2 Constructor & Destructor Documentation

### 6.15.2.1 RegisterUserWindow() [1/2]

```
es.deusto.bspq21e1.client.gui.RegisterUserWindow.RegisterUserWindow (
    Controller controller )
```

Definition at line 35 of file RegisterUserWindow.java.

### 6.15.2.2 RegisterUserWindow() [2/2]

```
es.deusto.bspq21e1.client.gui.RegisterUserWindow.RegisterUserWindow ( )
```

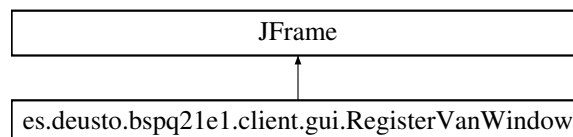
Definition at line 44 of file RegisterUserWindow.java.

The documentation for this class was generated from the following file:

- C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/main/java/es/deusto/bspq21e1/client/gui/[RegisterUserWindow.java](#)

## 6.16 es.deusto.bspq21e1.client.gui.RegisterVanWindow Class Reference

Inheritance diagram for es.deusto.bspq21e1.client.gui.RegisterVanWindow:



### Public Member Functions

- [RegisterVanWindow](#) ([Controller](#) controller, [UserData](#) user, JFrame frmMain)

### 6.16.1 Detailed Description

Definition at line 24 of file RegisterVanWindow.java.

### 6.16.2 Constructor & Destructor Documentation

### 6.16.2.1 RegisterVanWindow()

```
es.deusto.bspq21e1.client.gui.RegisterVanWindow.RegisterVanWindow (
    Controller controller,
    UserData user,
    JFrame frmMain )
```

Create the application.

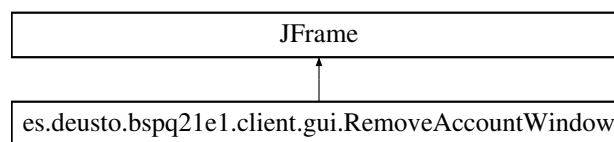
Definition at line 73 of file RegisterVanWindow.java.

The documentation for this class was generated from the following file:

- C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/main/java/es/deusto/bspq21e1/client/gui/[RegisterVanWindow.java](#)

## 6.17 es.deusto.bspq21e1.client.gui.RemoveAccountWindow Class Reference

Inheritance diagram for es.deusto.bspq21e1.client.gui.RemoveAccountWindow:



### Public Member Functions

- [RemoveAccountWindow](#) (Controller controller, UserData userData, JFrame frmMain)

### 6.17.1 Detailed Description

Definition at line 15 of file RemoveAccountWindow.java.

### 6.17.2 Constructor & Destructor Documentation

#### 6.17.2.1 RemoveAccountWindow()

```
es.deusto.bspq21e1.client.gui.RemoveAccountWindow.RemoveAccountWindow (
    Controller controller,
    UserData userData,
    JFrame frmMain )
```

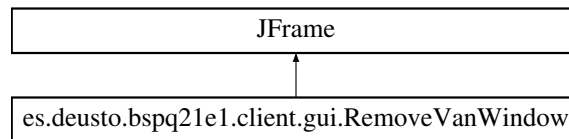
Definition at line 27 of file RemoveAccountWindow.java.

The documentation for this class was generated from the following file:

- C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/main/java/es/deusto/bspq21e1/client/gui/[RemoveAccountWindow.java](#)

## 6.18 es.deusto.bspq21e1.client.gui.RemoveVanWindow Class Reference

Inheritance diagram for es.deusto.bspq21e1.client.gui.RemoveVanWindow:



### Public Member Functions

- [RemoveVanWindow](#) ([Controller](#) controller, [UserData](#) user, JFrame frmMain)

#### 6.18.1 Detailed Description

Definition at line 22 of file RemoveVanWindow.java.

#### 6.18.2 Constructor & Destructor Documentation

##### 6.18.2.1 RemoveVanWindow()

```

es.deusto.bspq21e1.client.gui.RemoveVanWindow.RemoveVanWindow (
    Controller controller,
    UserData user,
    JFrame frmMain )
  
```

Definition at line 39 of file RemoveVanWindow.java.

The documentation for this class was generated from the following file:

- C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/main/java/es/deusto/bspq21e1/client/gui/[RemoveVanWindow.java](#)

## 6.19 es.deusto.bspq21e1.server.data.Reservation Class Reference

### Public Member Functions

- [Reservation](#) (Date bookingDate, int duration, String van, String vanRenter)
- [Reservation](#) ()
- String [getCode](#) ()
- void [setCode](#) (String code)
- Date [getBookingDate](#) ()
- void [setBookingDate](#) (Date bookingDate)
- int [getDuration](#) ()
- void [setDuration](#) (int duration)
- String [getVan](#) ()
- void [setVan](#) (String van)
- String [getVanRenter](#) ()
- void [setVanRenter](#) (String vanRenter)

### 6.19.1 Detailed Description

Definition at line 9 of file Reservation.java.

### 6.19.2 Constructor & Destructor Documentation

#### 6.19.2.1 Reservation() [1/2]

```
es.deusto.bspq21e1.server.data.Reservation.Reservation (
    Date bookingDate,
    int duration,
    String van,
    String vanRenter )
```

Definition at line 18 of file Reservation.java.

#### 6.19.2.2 Reservation() [2/2]

```
es.deusto.bspq21e1.server.data.Reservation.Reservation ( )
```

Definition at line 26 of file Reservation.java.

### 6.19.3 Member Function Documentation

#### 6.19.3.1 getBookingDate()

```
Date es.deusto.bspq21e1.server.data.Reservation.getBookingDate ( )
```

Definition at line 38 of file Reservation.java.

#### 6.19.3.2 getCode()

```
String es.deusto.bspq21e1.server.data.Reservation.getCode ( )
```

Definition at line 30 of file Reservation.java.

#### 6.19.3.3 `getDuration()`

```
int es.deusto.bspq21e1.server.data.Reservation.getDuration ( )
```

Definition at line 46 of file Reservation.java.

#### 6.19.3.4 `getVan()`

```
String es.deusto.bspq21e1.server.data.Reservation.getVan ( )
```

Definition at line 54 of file Reservation.java.

#### 6.19.3.5 `getVanRenter()`

```
String es.deusto.bspq21e1.server.data.Reservation.getVanRenter ( )
```

Definition at line 62 of file Reservation.java.

#### 6.19.3.6 `setBookingDate()`

```
void es.deusto.bspq21e1.server.data.Reservation.setBookingDate (
    Date bookingDate )
```

Definition at line 42 of file Reservation.java.

#### 6.19.3.7 `setCode()`

```
void es.deusto.bspq21e1.server.data.Reservation.setCode (
    String code )
```

Definition at line 34 of file Reservation.java.

#### 6.19.3.8 `setDuration()`

```
void es.deusto.bspq21e1.server.data.Reservation.setDuration (
    int duration )
```

Definition at line 50 of file Reservation.java.



### 6.19.3.9 setVan()

```
void es.deusto.bspq21e1.server.data.Reservation.setVan (
    String van )
```

Definition at line 58 of file Reservation.java.

### 6.19.3.10 setVanRenter()

```
void es.deusto.bspq21e1.server.data.Reservation.setVanRenter (
    String vanRenter )
```

Definition at line 66 of file Reservation.java.

The documentation for this class was generated from the following file:

- C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/main/java/es/deusto/bspq21e1/server/data/[Reservation.java](#)

## 6.20 es.deusto.bspq21e1.serialization.ReservationData Class Reference

### Public Member Functions

- [ReservationData](#) ()
- [ReservationData](#) (String code, Date bookingDate, int duration, String van, String vanRenter)
- [ReservationData](#) (Date bookingDate, int duration, String van, String vanRenter)
- String [getCode](#) ()
- void [setCode](#) (String code)
- Date [getBookingDate](#) ()
- void [setBookingDate](#) (Date bookingDate)
- int [getDuration](#) ()
- void [setDuration](#) (int duration)
- String [getVan](#) ()
- void [setVan](#) (String van)
- String [getVanRenter](#) ()
- void [setVanRenter](#) (String vanRenter)
- String [toString](#) ()

### 6.20.1 Detailed Description

Class for the representation of the Reservation object which is going to be send to clients.

#### Author

SPQ Group 1

#### Version

1.0

Definition at line 10 of file ReservationData.java.

## 6.20.2 Constructor & Destructor Documentation

### 6.20.2.1 ReservationData() [1/3]

```
es.deusto.bspq21e1.serialization.ReservationData.ReservationData ( )
```

Definition at line 19 of file ReservationData.java.

### 6.20.2.2 ReservationData() [2/3]

```
es.deusto.bspq21e1.serialization.ReservationData.ReservationData (
    String code,
    Date bookingDate,
    int duration,
    String van,
    String vanRenter )
```

Creates the object that has the data from Reservation.

#### Parameters

<i>code</i>	Code of the reservation.
<i>bookingDate</i>	Date of the reservation.
<i>duration</i>	Duration of the reservation in days.
<i>van</i>	Rented van.
<i>vanRenter</i>	Owner of the rented van.

Definition at line 31 of file ReservationData.java.

### 6.20.2.3 ReservationData() [3/3]

```
es.deusto.bspq21e1.serialization.ReservationData.ReservationData (
    Date bookingDate,
    int duration,
    String van,
    String vanRenter )
```

Creates the object that has the data from Reservation.

#### Parameters

<i>bookingDate</i>	Date of the reservation.
<i>duration</i>	Duration of the reservation in days.
<i>van</i>	Rented van.
<i>vanRenter</i>	Owner of the rented van.

Definition at line 47 of file ReservationData.java.

### 6.20.3 Member Function Documentation

#### 6.20.3.1 getBookingDate()

```
Date es.deusto.bspq21e1.serialization.ReservationData.getBookingDate ( )
```

Definition at line 61 of file ReservationData.java.

#### 6.20.3.2 getCode()

```
String es.deusto.bspq21e1.serialization.ReservationData.getCode ( )
```

Definition at line 55 of file ReservationData.java.

#### 6.20.3.3 getDuration()

```
int es.deusto.bspq21e1.serialization.ReservationData.getDuration ( )
```

Definition at line 67 of file ReservationData.java.

#### 6.20.3.4 getVan()

```
String es.deusto.bspq21e1.serialization.ReservationData.getVan ( )
```

Definition at line 73 of file ReservationData.java.

#### 6.20.3.5 getVanRenter()

```
String es.deusto.bspq21e1.serialization.ReservationData.getVanRenter ( )
```

Definition at line 79 of file ReservationData.java.

#### 6.20.3.6 setBookingDate()

```
void es.deusto.bspq21e1.serialization.ReservationData.setBookingDate (
    Date bookingDate )
```

Definition at line 64 of file ReservationData.java.

#### 6.20.3.7 setCode()

```
void es.deusto.bspq21e1.serialization.ReservationData.setCode (
    String code )
```

Definition at line 58 of file ReservationData.java.

#### 6.20.3.8 setDuration()

```
void es.deusto.bspq21e1.serialization.ReservationData.setDuration (
    int duration )
```

Definition at line 70 of file ReservationData.java.

#### 6.20.3.9 setVan()

```
void es.deusto.bspq21e1.serialization.ReservationData.setVan (
    String van )
```

Definition at line 76 of file ReservationData.java.

#### 6.20.3.10 setVanRenter()

```
void es.deusto.bspq21e1.serialization.ReservationData.setVanRenter (
    String vanRenter )
```

Definition at line 82 of file ReservationData.java.

### 6.20.3.11 toString()

```
String es.deusto.bspq21e1.serialization.ReservationData.toString ( )
```

Definition at line 87 of file ReservationData.java.

The documentation for this class was generated from the following file:

- C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/main/java/es/deusto/bspq21e1/serialization/[ReservationData.java](#)

## 6.21 es.deusto.bspq21e1.server.data.ReservationTest Class Reference

### Public Member Functions

- void [setUp](#) ()
- void [constructorTest](#) ()
- void [setterGettersTest](#) ()

### Static Public Member Functions

- static junit.framework.Test [suite](#) ()

### 6.21.1 Detailed Description

Definition at line 15 of file ReservationTest.java.

### 6.21.2 Member Function Documentation

#### 6.21.2.1 constructorTest()

```
void es.deusto.bspq21e1.server.data.ReservationTest.constructorTest ( )
```

Definition at line 47 of file ReservationTest.java.

#### 6.21.2.2 setterGettersTest()

```
void es.deusto.bspq21e1.server.data.ReservationTest.setterGettersTest ( )
```

Definition at line 67 of file ReservationTest.java.

### 6.21.2.3 setUp()

```
void es.deusto.bspq21e1.server.data.ReservationTest.setUp ( )
```

Definition at line 30 of file ReservationTest.java.

### 6.21.2.4 suite()

```
static junit.framework.Test es.deusto.bspq21e1.server.data.ReservationTest.suite ( ) [static]
```

Definition at line 25 of file ReservationTest.java.

The documentation for this class was generated from the following file:

- C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/test/java/es/deusto/bspq21e1/server/data/[ReservationTest.java](#)

## 6.22 es.deusto.bspq21e1.server.data.Review Class Reference

### Public Member Functions

- [Review](#) (int stars, String comment, String van)
- [Review](#) (int code, int stars, String comment, String van)
- int [getCode](#) ()
- void [setCode](#) (int code)
- int [getStars](#) ()
- void [setStars](#) (int stars)
- String [getComment](#) ()
- void [setComment](#) (String comment)
- String [getVan](#) ()
- void [setVan](#) (String van)
- String [toString](#) ()

### 6.22.1 Detailed Description

Definition at line 9 of file Review.java.

### 6.22.2 Constructor & Destructor Documentation

### 6.22.2.1 Review() [1/2]

```
es.deusto.bspq21e1.server.data.Review.Review (
    int stars,
    String comment,
    String van )
```

Definition at line 17 of file Review.java.

### 6.22.2.2 Review() [2/2]

```
es.deusto.bspq21e1.server.data.Review.Review (
    int code,
    int stars,
    String comment,
    String van )
```

Definition at line 24 of file Review.java.

## 6.22.3 Member Function Documentation

### 6.22.3.1 getCode()

```
int es.deusto.bspq21e1.server.data.Review.getCode ( )
```

Definition at line 32 of file Review.java.

### 6.22.3.2 getComment()

```
String es.deusto.bspq21e1.server.data.Review.getComment ( )
```

Definition at line 48 of file Review.java.

### 6.22.3.3 getStars()

```
int es.deusto.bspq21e1.server.data.Review.getStars ( )
```

Definition at line 40 of file Review.java.

#### 6.22.3.4 getVan()

```
String es.deusto.bspq21e1.server.data.Review.getVan ( )
```

Definition at line 56 of file Review.java.

#### 6.22.3.5 setCode()

```
void es.deusto.bspq21e1.server.data.Review.setCode (
    int code )
```

Definition at line 36 of file Review.java.

#### 6.22.3.6 setComment()

```
void es.deusto.bspq21e1.server.data.Review.setComment (
    String comment )
```

Definition at line 52 of file Review.java.

#### 6.22.3.7 setStars()

```
void es.deusto.bspq21e1.server.data.Review.setStars (
    int stars )
```

Definition at line 44 of file Review.java.

#### 6.22.3.8 setVan()

```
void es.deusto.bspq21e1.server.data.Review.setVan (
    String van )
```

Definition at line 60 of file Review.java.

#### 6.22.3.9 toString()

```
String es.deusto.bspq21e1.server.data.Review.toString ( )
```

Definition at line 66 of file Review.java.

The documentation for this class was generated from the following file:

- C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/main/java/es/deusto/bspq21e1/server/data/[Review.java](#)



## 6.23 es.deusto.bspq21e1.serialization.ReviewData Class Reference

### Public Member Functions

- [ReviewData](#) (int stars, String comment, String van)
- int [getCode](#) ()
- void [setCode](#) (int code)
- int [getStars](#) ()
- void [setStars](#) (int stars)
- String [getComment](#) ()
- void [setComment](#) (String comment)
- String [getVan](#) ()
- void [setVan](#) (String van)
- String [toString](#) ()

### 6.23.1 Detailed Description

Class for the representation of the Review object which is going to be send to clients.

#### Author

SPQ Group 1

#### Version

1.0

Definition at line 8 of file ReviewData.java.

### 6.23.2 Constructor & Destructor Documentation

#### 6.23.2.1 ReviewData()

```
es.deusto.bspq21e1.serialization.ReviewData.ReviewData (
    int stars,
    String comment,
    String van )
```

Creates the object that has the data from Review.

#### Parameters

<i>stars</i>	Rating between zero and five stars.
<i>comment</i>	Comment of the review.

Definition at line 20 of file ReviewData.java.

### 6.23.3 Member Function Documentation

#### 6.23.3.1 getCode()

```
int es.deusto.bspq21e1.serialization.ReviewData.getCode ( )
```

Definition at line 27 of file ReviewData.java.

#### 6.23.3.2 getComment()

```
String es.deusto.bspq21e1.serialization.ReviewData.getComment ( )
```

Definition at line 43 of file ReviewData.java.

#### 6.23.3.3 getStars()

```
int es.deusto.bspq21e1.serialization.ReviewData.getStars ( )
```

Definition at line 35 of file ReviewData.java.

#### 6.23.3.4 getVan()

```
String es.deusto.bspq21e1.serialization.ReviewData.getVan ( )
```

Definition at line 51 of file ReviewData.java.

#### 6.23.3.5 setCode()

```
void es.deusto.bspq21e1.serialization.ReviewData.setCode (
    int code )
```

Definition at line 31 of file ReviewData.java.

### 6.23.3.6 setComment()

```
void es.deusto.bspq21e1.serialization.ReviewData.setComment (
    String comment )
```

Definition at line 47 of file ReviewData.java.

### 6.23.3.7 setStars()

```
void es.deusto.bspq21e1.serialization.ReviewData.setStars (
    int stars )
```

Definition at line 39 of file ReviewData.java.

### 6.23.3.8 setVan()

```
void es.deusto.bspq21e1.serialization.ReviewData.setVan (
    String van )
```

Definition at line 55 of file ReviewData.java.

### 6.23.3.9 toString()

```
String es.deusto.bspq21e1.serialization.ReviewData.toString ( )
```

Definition at line 60 of file ReviewData.java.

The documentation for this class was generated from the following file:

- C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/main/java/es/deusto/bspq21e1/serialization/[ReviewData.java](#)

## 6.24 es.deusto.bspq21e1.server.data.ReviewTest Class Reference

### Public Member Functions

- void [setUp](#) ()
- void [constructorTest](#) ()
- void [setterGettersTest](#) ()

### Static Public Member Functions

- static junit.framework.Test [suite](#) ()

### 6.24.1 Detailed Description

Definition at line 13 of file ReviewTest.java.

### 6.24.2 Member Function Documentation

#### 6.24.2.1 constructorTest()

```
void es.deusto.bspq21e1.server.data.ReviewTest.constructorTest ( )
```

Definition at line 38 of file ReviewTest.java.

#### 6.24.2.2 setterGettersTest()

```
void es.deusto.bspq21e1.server.data.ReviewTest.setterGettersTest ( )
```

Definition at line 55 of file ReviewTest.java.

#### 6.24.2.3 setUp()

```
void es.deusto.bspq21e1.server.data.ReviewTest.setUp ( )
```

Definition at line 27 of file ReviewTest.java.

#### 6.24.2.4 suite()

```
static junit.framework.Test es.deusto.bspq21e1.server.data.ReviewTest.suite ( ) [static]
```

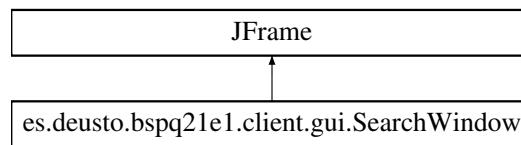
Definition at line 22 of file ReviewTest.java.

The documentation for this class was generated from the following file:

- C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/test/java/es/deusto/bspq21e1/server/data/[ReviewTest.java](#)

## 6.25 es.deusto.bspq21e1.client.gui.SearchWindow Class Reference

Inheritance diagram for es.deusto.bspq21e1.client.gui.SearchWindow:



### Public Member Functions

- [SearchWindow](#) ([Controller](#) controller, [UserData](#) user, JFrame mainWindow)

#### 6.25.1 Detailed Description

Definition at line 30 of file SearchWindow.java.

#### 6.25.2 Constructor & Destructor Documentation

##### 6.25.2.1 SearchWindow()

```

es.deusto.bspq21e1.client.gui.SearchWindow.SearchWindow (
    Controller controller,
    UserData user,
    JFrame mainWindow )

```

Create the application.

Definition at line 62 of file SearchWindow.java.

The documentation for this class was generated from the following file:

- C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/main/java/es/deusto/bspq21e1/client/gui/[SearchWindow.java](#)

## 6.26 es.deusto.bspq21e1.server.data.User Class Reference

### Public Member Functions

- [User](#) ()
- [User](#) (String dni, String name, String email, String password)
- int [getStarsAverage](#) ()
- String [getDni](#) ()
- void [setDni](#) (String dni)
- String [getName](#) ()
- void [setName](#) (String name)
- String [getEmail](#) ()
- void [setEmail](#) (String email)
- String [getPassword](#) ()
- void [setPassword](#) (String password)
- List< Integer > [getStars](#) ()
- void [setStars](#) (List< Integer > stars)
- void [addStar](#) (int star)
- boolean [equals](#) (Object obj)

### 6.26.1 Detailed Description

Definition at line 10 of file User.java.

### 6.26.2 Constructor & Destructor Documentation

#### 6.26.2.1 User() [1/2]

```
es.deusto.bspq21e1.server.data.User.User ( )
```

Definition at line 18 of file User.java.

#### 6.26.2.2 User() [2/2]

```
es.deusto.bspq21e1.server.data.User.User (
    String dni,
    String name,
    String email,
    String password )
```

Definition at line 22 of file User.java.

### 6.26.3 Member Function Documentation

#### 6.26.3.1 addStar()

```
void es.deusto.bspq21e1.server.data.User.addStar (
    int star )
```

Definition at line 87 of file User.java.

#### 6.26.3.2 equals()

```
boolean es.deusto.bspq21e1.server.data.User.equals (
    Object obj )
```

Definition at line 92 of file User.java.

### 6.26.3.3 getDni()

```
String es.deusto.bspq21e1.server.data.User.getDni ( )
```

Definition at line 47 of file User.java.

### 6.26.3.4 getEmail()

```
String es.deusto.bspq21e1.server.data.User.getEmail ( )
```

Definition at line 63 of file User.java.

### 6.26.3.5 getName()

```
String es.deusto.bspq21e1.server.data.User.getName ( )
```

Definition at line 55 of file User.java.

### 6.26.3.6 getPassword()

```
String es.deusto.bspq21e1.server.data.User.getPassword ( )
```

Definition at line 71 of file User.java.

### 6.26.3.7 getStars()

```
List<Integer> es.deusto.bspq21e1.server.data.User.getStars ( )
```

Definition at line 79 of file User.java.

### 6.26.3.8 getStarsAverage()

```
int es.deusto.bspq21e1.server.data.User.getStarsAverage ( )
```

Calculates the average of the ratings given to a user

Returns

average number of stars

Definition at line 34 of file User.java.

#### 6.26.3.9 setDni()

```
void es.deusto.bspq21e1.server.data.User.setDni (
    String dni )
```

Definition at line 51 of file User.java.

#### 6.26.3.10 setEmail()

```
void es.deusto.bspq21e1.server.data.User.setEmail (
    String email )
```

Definition at line 67 of file User.java.

#### 6.26.3.11 setName()

```
void es.deusto.bspq21e1.server.data.User.setName (
    String name )
```

Definition at line 59 of file User.java.

#### 6.26.3.12 setPassword()

```
void es.deusto.bspq21e1.server.data.User.setPassword (
    String password )
```

Definition at line 75 of file User.java.

#### 6.26.3.13 setStars()

```
void es.deusto.bspq21e1.server.data.User.setStars (
    List< Integer > stars )
```

Definition at line 83 of file User.java.

The documentation for this class was generated from the following file:

- C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/main/java/es/deusto/bspq21e1/server/data/[User.java](#)



## 6.27 es.deusto.bspq21e1.serialization.UserData Class Reference

### Public Member Functions

- [UserData](#) ()
- [UserData](#) (String dni, String name, String email, String password)
- String [getDni](#) ()
- void [setDni](#) (String dni)
- String [getName](#) ()
- void [setName](#) (String name)
- String [getEmail](#) ()
- void [setEmail](#) (String email)
- String [getPassword](#) ()
- void [setPassword](#) (String password)
- List< Integer > [getStars](#) ()
- void [setStars](#) (List< Integer > stars)
- String [toString](#) ()

### 6.27.1 Detailed Description

Class for the representation of the User object which is going to be send to clients.

#### Author

SPQ Group 1

#### Version

1.0

Definition at line 11 of file UserData.java.

### 6.27.2 Constructor & Destructor Documentation

#### 6.27.2.1 UserData() [1/2]

```
es.deusto.bspq21e1.serialization.UserData.UserData ( )
```

Definition at line 19 of file UserData.java.

#### 6.27.2.2 UserData() [2/2]

```
es.deusto.bspq21e1.serialization.UserData.UserData (
    String dni,
    String name,
    String email,
    String password )
```

Creates the object that has the data from User.

**Parameters**

<i>dni</i>	DNI of the user.
<i>name</i>	Name of the user.
<i>email</i>	Email of the user.

Definition at line 29 of file UserData.java.

## 6.27.3 Member Function Documentation

### 6.27.3.1 getDni()

```
String es.deusto.bspq21e1.serialization.UserData.getDni ( )
```

Definition at line 37 of file UserData.java.

### 6.27.3.2 getEmail()

```
String es.deusto.bspq21e1.serialization.UserData.getEmail ( )
```

Definition at line 53 of file UserData.java.

### 6.27.3.3 getName()

```
String es.deusto.bspq21e1.serialization.UserData.getName ( )
```

Definition at line 45 of file UserData.java.

### 6.27.3.4 getPassword()

```
String es.deusto.bspq21e1.serialization.UserData.getPassword ( )
```

Definition at line 61 of file UserData.java.

### 6.27.3.5 getStars()

```
List<Integer> es.deusto.bspq21e1.serialization.UserData.getStars ( )
```

Definition at line 69 of file UserData.java.

### 6.27.3.6 setDni()

```
void es.deusto.bspq21e1.serialization.UserData.setDni (
    String dni )
```

Definition at line 41 of file UserData.java.

### 6.27.3.7 setEmail()

```
void es.deusto.bspq21e1.serialization.UserData.setEmail (
    String email )
```

Definition at line 57 of file UserData.java.

### 6.27.3.8 setName()

```
void es.deusto.bspq21e1.serialization.UserData.setName (
    String name )
```

Definition at line 49 of file UserData.java.

### 6.27.3.9 setPassword()

```
void es.deusto.bspq21e1.serialization.UserData.setPassword (
    String password )
```

Definition at line 65 of file UserData.java.

### 6.27.3.10 setStars()

```
void es.deusto.bspq21e1.serialization.UserData.setStars (
    List< Integer > stars )
```

Definition at line 73 of file UserData.java.

### 6.27.3.11 toString()

```
String es.deusto.bspq21e1.serialization.UserData.toString ( )
```

Definition at line 78 of file UserData.java.

The documentation for this class was generated from the following file:

- C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/main/java/es/deusto/bspq21e1/serialization/[UserData.java](#)

## 6.28 es.deusto.bspq21e1.server.data.UserTest Class Reference

### Public Member Functions

- void [setUp](#) ()
- void [constructorTest](#) ()
- void [setterGettersTest](#) ()

### Static Public Member Functions

- static junit.framework.Test [suite](#) ()

### 6.28.1 Detailed Description

Definition at line 13 of file UserTest.java.

### 6.28.2 Member Function Documentation

#### 6.28.2.1 constructorTest()

```
void es.deusto.bspq21e1.server.data.UserTest.constructorTest ( )
```

Definition at line 47 of file UserTest.java.

#### 6.28.2.2 setterGettersTest()

```
void es.deusto.bspq21e1.server.data.UserTest.setterGettersTest ( )
```

Definition at line 66 of file UserTest.java.

### 6.28.2.3 setUp()

```
void es.deusto.bspq21e1.server.data.UserTest.setUp ( )
```

Definition at line 29 of file UserTest.java.

### 6.28.2.4 suite()

```
static junit.framework.Test es.deusto.bspq21e1.server.data.UserTest.suite ( ) [static]
```

Definition at line 24 of file UserTest.java.

The documentation for this class was generated from the following file:

- C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/test/java/es/deusto/bspq21e1/server/data/[UserTest.java](#)

## 6.29 es.deusto.bspq21e1.server.data.Van Class Reference

### Public Member Functions

- [Van](#) ()
- [Van](#) (String licensePlate, String brand, String model, String location, boolean kitchen, boolean shower, boolean offRoad, int capacity, double pricePerDay, String user)
- String [getLicensePlate](#) ()
- void [setLicensePlate](#) (String licensePlate)
- String [getBrand](#) ()
- void [setBrand](#) (String brand)
- String [getModel](#) ()
- void [setModel](#) (String model)
- String [getStatus](#) ()
- void [setStatus](#) (String status)
- String [getLocation](#) ()
- void [setLocation](#) (String location)
- boolean [hasKitchen](#) ()
- void [setKitchen](#) (boolean kitchen)
- boolean [hasShower](#) ()
- void [setShower](#) (boolean shower)
- boolean [isOffRoad](#) ()
- void [setOffRoad](#) (boolean offRoad)
- int [getCapacity](#) ()
- void [setCapacity](#) (int capacity)
- double [getPricePerDay](#) ()
- void [setPricePerDay](#) (double pricePerDay)
- String [getUser](#) ()
- void [setUser](#) (String user)
- boolean [equals](#) (Object obj)
- String [toString](#) ()

### 6.29.1 Detailed Description

Definition at line 7 of file Van.java.

### 6.29.2 Constructor & Destructor Documentation

#### 6.29.2.1 Van() [1/2]

```
es.deusto.bspq21e1.server.data.Van.Van ( )
```

Definition at line 23 of file Van.java.

#### 6.29.2.2 Van() [2/2]

```
es.deusto.bspq21e1.server.data.Van.Van (
    String licensePlate,
    String brand,
    String model,
    String location,
    boolean kitchen,
    boolean shower,
    boolean offRoad,
    int capacity,
    double pricePerDay,
    String user )
```

Definition at line 27 of file Van.java.

### 6.29.3 Member Function Documentation

#### 6.29.3.1 equals()

```
boolean es.deusto.bspq21e1.server.data.Van.equals (
    Object obj )
```

Definition at line 133 of file Van.java.

### 6.29.3.2 getBrand()

```
String es.deusto.bspq21e1.server.data.Van.getBrand ( )
```

Definition at line 52 of file Van.java.

### 6.29.3.3 getCapacity()

```
int es.deusto.bspq21e1.server.data.Van.getCapacity ( )
```

Definition at line 108 of file Van.java.

### 6.29.3.4 getLicensePlate()

```
String es.deusto.bspq21e1.server.data.Van.getLicensePlate ( )
```

Definition at line 44 of file Van.java.

### 6.29.3.5 getLocation()

```
String es.deusto.bspq21e1.server.data.Van.getLocation ( )
```

Definition at line 76 of file Van.java.

### 6.29.3.6 getModel()

```
String es.deusto.bspq21e1.server.data.Van.getModel ( )
```

Definition at line 60 of file Van.java.

### 6.29.3.7 getPricePerDay()

```
double es.deusto.bspq21e1.server.data.Van.getPricePerDay ( )
```

Definition at line 116 of file Van.java.

**6.29.3.8 getStatus()**

```
String es.deusto.bspq21e1.server.data.Van.getStatus ( )
```

Definition at line 68 of file Van.java.

**6.29.3.9 getUser()**

```
String es.deusto.bspq21e1.server.data.Van.getUser ( )
```

Definition at line 124 of file Van.java.

**6.29.3.10 hasKitchen()**

```
boolean es.deusto.bspq21e1.server.data.Van.hasKitchen ( )
```

Definition at line 84 of file Van.java.

**6.29.3.11 hasShower()**

```
boolean es.deusto.bspq21e1.server.data.Van.hasShower ( )
```

Definition at line 92 of file Van.java.

**6.29.3.12 isOffRoad()**

```
boolean es.deusto.bspq21e1.server.data.Van.isOffRoad ( )
```

Definition at line 100 of file Van.java.

**6.29.3.13 setBrand()**

```
void es.deusto.bspq21e1.server.data.Van.setBrand (
    String brand )
```

Definition at line 56 of file Van.java.



**6.29.3.14 setCapacity()**

```
void es.deusto.bspq21e1.server.data.Van.setCapacity (
    int capacity )
```

Definition at line 112 of file Van.java.

**6.29.3.15 setKitchen()**

```
void es.deusto.bspq21e1.server.data.Van.setKitchen (
    boolean kitchen )
```

Definition at line 88 of file Van.java.

**6.29.3.16 setLicensePlate()**

```
void es.deusto.bspq21e1.server.data.Van.setLicensePlate (
    String licensePlate )
```

Definition at line 48 of file Van.java.

**6.29.3.17 setLocation()**

```
void es.deusto.bspq21e1.server.data.Van.setLocation (
    String location )
```

Definition at line 80 of file Van.java.

**6.29.3.18 setModel()**

```
void es.deusto.bspq21e1.server.data.Van.setModel (
    String model )
```

Definition at line 64 of file Van.java.

**6.29.3.19 setOffRoad()**

```
void es.deusto.bspq21e1.server.data.Van.setOffRoad (
    boolean offRoad )
```

Definition at line 104 of file Van.java.

#### 6.29.3.20 `setPricePerDay()`

```
void es.deusto.bspq21e1.server.data.Van.setPricePerDay (
    double pricePerDay )
```

Definition at line 120 of file Van.java.

#### 6.29.3.21 `setShower()`

```
void es.deusto.bspq21e1.server.data.Van.setShower (
    boolean shower )
```

Definition at line 96 of file Van.java.

#### 6.29.3.22 `setStatus()`

```
void es.deusto.bspq21e1.server.data.Van.setStatus (
    String status )
```

Definition at line 72 of file Van.java.

#### 6.29.3.23 `setUser()`

```
void es.deusto.bspq21e1.server.data.Van.setUser (
    String user )
```

Definition at line 128 of file Van.java.

#### 6.29.3.24 `toString()`

```
String es.deusto.bspq21e1.server.data.Van.toString ( )
```

Definition at line 138 of file Van.java.

The documentation for this class was generated from the following file:

- C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/main/java/es/deusto/bspq21e1/server/data/[Van.java](#)

## 6.30 es.deusto.bspq21e1.serialization.VanData Class Reference

### Public Member Functions

- [VanData](#) ()
- [VanData](#) (String licensePlate, String brand, String model, String location, int capacity, boolean kitchen, boolean shower, boolean offRoad, double pricePerDay, String user)
- String [getBrand](#) ()
- void [setBrand](#) (String brand)
- String [getModel](#) ()
- void [setModel](#) (String model)
- String [getLocation](#) ()
- void [setLocation](#) (String location)
- boolean [hasKitchen](#) ()
- void [setKitchen](#) (boolean kitchen)
- boolean [hasShower](#) ()
- void [setShower](#) (boolean shower)
- boolean [isOffRoad](#) ()
- void [setOffRoad](#) (boolean offRoad)
- int [getCapacity](#) ()
- void [setCapacity](#) (int capacity)
- double [getPricePerDay](#) ()
- void [setPricePerDay](#) (double pricePerDay)
- String [getLicensePlate](#) ()
- void [setLicensePlate](#) (String licensePlate)
- String [getUser](#) ()
- void [setUser](#) (String user)
- String [toString](#) ()

### 6.30.1 Detailed Description

Class for the representation of the Van object which is going to be send to clients.

#### Author

SPQ Group 1

#### Version

1.0

Definition at line 8 of file VanData.java.

### 6.30.2 Constructor & Destructor Documentation

### 6.30.2.1 VanData() [1/2]

```
es.deusto.bspq21e1.serialization.VanData.VanData ( )
```

Definition at line 23 of file VanData.java.

### 6.30.2.2 VanData() [2/2]

```
es.deusto.bspq21e1.serialization.VanData.VanData (
    String licensePlate,
    String brand,
    String model,
    String location,
    int capacity,
    boolean kitchen,
    boolean shower,
    boolean offRoad,
    double pricePerDay,
    String user )
```

Creates the object that has the data from Van.

#### Parameters

<i>licensePlate</i>	License plate of the van.
<i>brand</i>	Brand of the van.
<i>model</i>	Model of the van.
<i>location</i>	Town in which the van is located.
<i>capacity</i>	Maximum number of people allowed to rent the van.
<i>kitchen</i>	If it has a kitchen.
<i>shower</i>	If it has a shower.
<i>offRoad</i>	If it has off road capabilities.
<i>pricePerDay</i>	The price per day that cost to rent it.
<i>owner</i>	User that owns the van (just the data version).

Definition at line 40 of file VanData.java.

## 6.30.3 Member Function Documentation

### 6.30.3.1 getBrand()

```
String es.deusto.bspq21e1.serialization.VanData.getBrand ( )
```

Definition at line 56 of file VanData.java.

### 6.30.3.2 getCapacity()

```
int es.deusto.bspq21e1.serialization.VanData.getCapacity ( )
```

Definition at line 104 of file VanData.java.

### 6.30.3.3 getLicensePlate()

```
String es.deusto.bspq21e1.serialization.VanData.getLicensePlate ( )
```

Definition at line 120 of file VanData.java.

### 6.30.3.4 getLocation()

```
String es.deusto.bspq21e1.serialization.VanData.getLocation ( )
```

Definition at line 72 of file VanData.java.

### 6.30.3.5 getModel()

```
String es.deusto.bspq21e1.serialization.VanData.getModel ( )
```

Definition at line 64 of file VanData.java.

### 6.30.3.6 getPricePerDay()

```
double es.deusto.bspq21e1.serialization.VanData.getPricePerDay ( )
```

Definition at line 112 of file VanData.java.

### 6.30.3.7 getUser()

```
String es.deusto.bspq21e1.serialization.VanData.getUser ( )
```

Definition at line 128 of file VanData.java.

#### 6.30.3.8 hasKitchen()

```
boolean es.deusto.bspq21e1.serialization.VanData.hasKitchen ( )
```

Definition at line 80 of file VanData.java.

#### 6.30.3.9 hasShower()

```
boolean es.deusto.bspq21e1.serialization.VanData.hasShower ( )
```

Definition at line 88 of file VanData.java.

#### 6.30.3.10 isOffRoad()

```
boolean es.deusto.bspq21e1.serialization.VanData.isOffRoad ( )
```

Definition at line 96 of file VanData.java.

#### 6.30.3.11 setBrand()

```
void es.deusto.bspq21e1.serialization.VanData.setBrand (
    String brand )
```

Definition at line 60 of file VanData.java.

#### 6.30.3.12 setCapacity()

```
void es.deusto.bspq21e1.serialization.VanData.setCapacity (
    int capacity )
```

Definition at line 108 of file VanData.java.

#### 6.30.3.13 setKitchen()

```
void es.deusto.bspq21e1.serialization.VanData.setKitchen (
    boolean kitchen )
```

Definition at line 84 of file VanData.java.

**6.30.3.14 setLicensePlate()**

```
void es.deusto.bspq21e1.serialization.VanData.setLicensePlate (
    String licensePlate )
```

Definition at line 124 of file VanData.java.

**6.30.3.15 setLocation()**

```
void es.deusto.bspq21e1.serialization.VanData.setLocation (
    String location )
```

Definition at line 76 of file VanData.java.

**6.30.3.16 setModel()**

```
void es.deusto.bspq21e1.serialization.VanData.setModel (
    String model )
```

Definition at line 68 of file VanData.java.

**6.30.3.17 setOffRoad()**

```
void es.deusto.bspq21e1.serialization.VanData.setOffRoad (
    boolean offRoad )
```

Definition at line 100 of file VanData.java.

**6.30.3.18 setPricePerDay()**

```
void es.deusto.bspq21e1.serialization.VanData.setPricePerDay (
    double pricePerDay )
```

Definition at line 116 of file VanData.java.

**6.30.3.19 setShower()**

```
void es.deusto.bspq21e1.serialization.VanData.setShower (
    boolean shower )
```

Definition at line 92 of file VanData.java.

### 6.30.3.20 setUser()

```
void es.deusto.bspq21e1.serialization.VanData.setUser (
    String user )
```

Definition at line 132 of file VanData.java.

### 6.30.3.21 toString()

```
String es.deusto.bspq21e1.serialization.VanData.toString ( )
```

Definition at line 137 of file VanData.java.

The documentation for this class was generated from the following file:

- C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/main/java/es/deusto/bspq21e1/serialization/[VanData.java](#)

## 6.31 es.deusto.bspq21e1.server.data.VanTest Class Reference

### Public Member Functions

- void [setUp](#) ()
- void [constructorTest](#) ()
- void [setterGettersTest](#) ()

### Static Public Member Functions

- static junit.framework.Test [suite](#) ()

### 6.31.1 Detailed Description

Definition at line 15 of file VanTest.java.

### 6.31.2 Member Function Documentation

#### 6.31.2.1 constructorTest()

```
void es.deusto.bspq21e1.server.data.VanTest.constructorTest ( )
```

Definition at line 54 of file VanTest.java.



### 6.31.2.2 setterGettersTest()

```
void es.deusto.bspq21e1.server.data.VanTest.setterGettersTest ( )
```

Definition at line 86 of file VanTest.java.

### 6.31.2.3 setUp()

```
void es.deusto.bspq21e1.server.data.VanTest.setUp ( )
```

Definition at line 36 of file VanTest.java.

### 6.31.2.4 suite()

```
static junit.framework.Test es.deusto.bspq21e1.server.data.VanTest.suite ( ) [static]
```

Definition at line 31 of file VanTest.java.

The documentation for this class was generated from the following file:

- C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/test/java/es/deusto/bspq21e1/server/data/[VanTest.java](#)



## Chapter 7

# File Documentation

### 7.1 C:/Users/amaia/Documents/GitHub/BSPQ21- E1/src/main/java/es/deusto/bspq21e1/client/controller/Controller.java File Reference

#### Classes

- class [es.deusto.bspq21e1.client.controller.Controller](#)

#### Packages

- package [es.deusto.bspq21e1.client.controller](#)

### 7.2 C:/Users/amaia/Documents/GitHub/BSPQ21- E1/src/main/java/es/deusto/bspq21e1/client/gui/CancelReservation Window.java File Reference

#### Classes

- class [es.deusto.bspq21e1.client.gui.CancelReservationWindow](#)

#### Packages

- package [es.deusto.bspq21e1.client.gui](#)

### 7.3 C:/Users/amaia/Documents/GitHub/BSPQ21- E1/src/main/java/es/deusto/bspq21e1/client/gui/Characteristics Window.java File Reference

#### Classes

- class [es.deusto.bspq21e1.client.gui.CharacteristicsWindow](#)

## Packages

- package [es.deusto.bspq21e1.client.gui](#)

### 7.4 C:/Users/amaia/Documents/GitHub/BSPQ21- E1/src/main/java/es/deusto/bspq21e1/client/gui/InitialWindow.java File Reference

## Classes

- class [es.deusto.bspq21e1.client.gui.InitialWindow](#)

## Packages

- package [es.deusto.bspq21e1.client.gui](#)

### 7.5 C:/Users/amaia/Documents/GitHub/BSPQ21- E1/src/main/java/es/deusto/bspq21e1/client/gui/LogInWindow.java File Reference

## Classes

- class [es.deusto.bspq21e1.client.gui.LogInWindow](#)

## Packages

- package [es.deusto.bspq21e1.client.gui](#)

### 7.6 C:/Users/amaia/Documents/GitHub/BSPQ21- E1/src/main/java/es/deusto/bspq21e1/client/gui/MainWindow.java File Reference

## Classes

- class [es.deusto.bspq21e1.client.gui.MainWindow](#)

## Packages

- package [es.deusto.bspq21e1.client.gui](#)

## 7.7 C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/main/java/es/deusto/bspq21e1/client/gui/RegisterUserWindow.java File Reference

### Classes

- class [es.deusto.bspq21e1.client.gui.RegisterUserWindow](#)

### Packages

- package [es.deusto.bspq21e1.client.gui](#)

## 7.8 C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/main/java/es/deusto/bspq21e1/client/gui/RegisterVanWindow.java File Reference

### Classes

- class [es.deusto.bspq21e1.client.gui.RegisterVanWindow](#)

### Packages

- package [es.deusto.bspq21e1.client.gui](#)

## 7.9 C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/main/java/es/deusto/bspq21e1/client/gui/RemoveAccountWindow.java File Reference

### Classes

- class [es.deusto.bspq21e1.client.gui.RemoveAccountWindow](#)

### Packages

- package [es.deusto.bspq21e1.client.gui](#)

## 7.10 C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/main/java/es/deusto/bspq21e1/client/gui/RemoveVanWindow.java File Reference

### Classes

- class [es.deusto.bspq21e1.client.gui.RemoveVanWindow](#)

## Packages

- package [es.deusto.bspq21e1.client.gui](#)

### 7.11 C:/Users/amaia/Documents/GitHub/BSPQ21-↔ E1/src/main/java/es/deusto/bspq21e1/client/gui/SearchWindow.java File Reference

## Classes

- class [es.deusto.bspq21e1.client.gui.SearchWindow](#)

## Packages

- package [es.deusto.bspq21e1.client.gui](#)

### 7.12 C:/Users/amaia/Documents/GitHub/BSPQ21-↔ E1/src/main/java/es/deusto/bspq21e1/client/main/AirBVClient.java File Reference

## Classes

- class [es.deusto.bspq21e1.client.main.AirBVClient](#)

## Packages

- package [es.deusto.bspq21e1.client.main](#)
- package [client.main](#)

*This is the documentation for the Java package [client.main](#) intended to work as a wrapper for the Domain Object Model (DOM) of the EasyFilmin Project. This package is composed by 2 classes, EasyFilmin and EasyFilminAdmin. The purpose of this classes is to run the User interface or the Admin interface.*

### 7.13 C:/Users/amaia/Documents/GitHub/BSPQ21-↔ E1/src/main/java/es/deusto/bspq21e1/serialization/Reservation↔ Data.java File Reference

## Classes

- class [es.deusto.bspq21e1.serialization.ReservationData](#)

## Packages

- package [es.deusto.bspq21e1.serialization](#)

## 7.14 C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/main/java/es/deusto/bspq21e1/serialization/ReviewData.java File Reference

### Classes

- class [es.deusto.bspq21e1.serialization.ReviewData](#)

### Packages

- package [es.deusto.bspq21e1.serialization](#)

## 7.15 C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/main/java/es/deusto/bspq21e1/serialization/UserData.java File Reference

### Classes

- class [es.deusto.bspq21e1.serialization.UserData](#)

### Packages

- package [es.deusto.bspq21e1.serialization](#)

## 7.16 C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/main/java/es/deusto/bspq21e1/serialization/VanData.java File Reference

### Classes

- class [es.deusto.bspq21e1.serialization.VanData](#)

### Packages

- package [es.deusto.bspq21e1.serialization](#)

## 7.17 C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/main/java/es/deusto/bspq21e1/server/AirBVService.java File Reference

### Classes

- class [es.deusto.bspq21e1.server.AirBVService](#)

## Packages

- package [es.deusto.bspq21e1.server](#)

### 7.18 C:/Users/amaia/Documents/GitHub/BSPQ21- E1/src/main/java/es/deusto/bspq21e1/server/dao/DBManager.java File Reference

## Classes

- class [es.deusto.bspq21e1.server.dao.DBManager](#)

## Packages

- package [es.deusto.bspq21e1.server.dao](#)

### 7.19 C:/Users/amaia/Documents/GitHub/BSPQ21- E1/src/main/java/es/deusto/bspq21e1/server/data/Reservation.java File Reference

## Classes

- class [es.deusto.bspq21e1.server.data.Reservation](#)

## Packages

- package [es.deusto.bspq21e1.server.data](#)

### 7.20 C:/Users/amaia/Documents/GitHub/BSPQ21- E1/src/main/java/es/deusto/bspq21e1/server/data/Review.java File Reference

## Classes

- class [es.deusto.bspq21e1.server.data.Review](#)

## Packages

- package [es.deusto.bspq21e1.server.data](#)



**7.21 C:/Users/amaia/Documents/GitHub/BSPQ21-↔****E1/src/main/java/es/deusto/bspq21e1/server/data/User.java File Reference****Classes**

- class [es.deusto.bspq21e1.server.data.User](#)

**Packages**

- package [es.deusto.bspq21e1.server.data](#)

**7.22 C:/Users/amaia/Documents/GitHub/BSPQ21-↔****E1/src/main/java/es/deusto/bspq21e1/server/data/Van.java File Reference****Classes**

- class [es.deusto.bspq21e1.server.data.Van](#)

**Packages**

- package [es.deusto.bspq21e1.server.data](#)

**7.23 C:/Users/amaia/Documents/GitHub/BSPQ21-↔****E1/src/main/java/es/deusto/bspq21e1/server/dto/Assembler.java File Reference****Classes**

- class [es.deusto.bspq21e1.server.dto.Assembler](#)

**Packages**

- package [es.deusto.bspq21e1.server.dto](#)

**7.24 C:/Users/amaia/Documents/GitHub/BSPQ21-↔****E1/src/main/java/es/deusto/bspq21e1/server/remote/AirBV.java File Reference****Classes**

- class [es.deusto.bspq21e1.server.remote.AirBV](#)

## Packages

- package [es.deusto.bspq21e1.server.remote](#)

## 7.25 C:/Users/amaia/Documents/GitHub/BSPQ21- E1/src/test/java/es/deusto/bspq21e1/client/controller/Controller Test.java File Reference

### Classes

- class [es.deusto.bspq21e1.client.controller.ControllerTest](#)

## Packages

- package [es.deusto.bspq21e1.client.controller](#)

## 7.26 C:/Users/amaia/Documents/GitHub/BSPQ21- E1/src/test/java/es/deusto/bspq21e1/server/AirBVServiceTest.java File Reference

### Classes

- class [es.deusto.bspq21e1.server.AirBVServiceTest](#)

## Packages

- package [es.deusto.bspq21e1.server](#)

## 7.27 C:/Users/amaia/Documents/GitHub/BSPQ21- E1/src/test/java/es/deusto/bspq21e1/server/dao/DBManager Test.java File Reference

### Classes

- class [es.deusto.bspq21e1.server.dao.DBManagerTest](#)

## Packages

- package [es.deusto.bspq21e1.server.dao](#)

## 7.28 C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/test/java/es/deusto/bspq21e1/server/data/ReservationTest.java File Reference

### Classes

- class [es.deusto.bspq21e1.server.data.ReservationTest](#)

### Packages

- package [es.deusto.bspq21e1.server.data](#)

## 7.29 C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/test/java/es/deusto/bspq21e1/server/data/ReviewTest.java File Reference

### Classes

- class [es.deusto.bspq21e1.server.data.ReviewTest](#)

### Packages

- package [es.deusto.bspq21e1.server.data](#)

## 7.30 C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/test/java/es/deusto/bspq21e1/server/data/UserTest.java File Reference

### Classes

- class [es.deusto.bspq21e1.server.data.UserTest](#)

### Packages

- package [es.deusto.bspq21e1.server.data](#)

## 7.31 C:/Users/amaia/Documents/GitHub/BSPQ21-E1/src/test/java/es/deusto/bspq21e1/server/data/VanTest.java File Reference

### Classes

- class [es.deusto.bspq21e1.server.data.VanTest](#)

### Packages

- package [es.deusto.bspq21e1.server.data](#)



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