

Lurrun Doxygen

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# Chapter 1

## Namespace Index

### 1.1 Packages

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## Chapter 2

# Hierarchical Index

### 2.1 Class Hierarchy

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

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es.deusto.server.ContiPerfTest . . . . .	13
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## Chapter 3

# Class Index

### 3.1 Class List

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

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<a href="#">es.deusto.server.ContiPerfTest</a>	13
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## Chapter 4

# File Index

### 4.1 File List

Here is a list of all files with brief descriptions:

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C:/Users/Marta/SPQ09/Lurrun/src/main/java/es/deusto/server/db/DB.java	69
C:/Users/Marta/SPQ09/Lurrun/src/main/java/es/deusto/server/db/IDB.java	69
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C:/Users/Marta/SPQ09/Lurrun/src/main/java/es/deusto/server/db/dao/IDAO.java	67
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## Chapter 5

# Namespace Documentation

### 5.1 Package es

#### Packages

- package [deusto](#)

### 5.2 Package es.deusto

#### Packages

- package [client](#)
- package [server](#)

### 5.3 Package es.deusto.client

#### Classes

- class [Client](#)

### 5.4 Package es.deusto.server

#### Packages

- package [db](#)
- package [remote](#)

#### Classes

- class [ContiPerfTest](#)
- class [DAOMockTest](#)
- class [Server](#)

## 5.5 Package es.deusto.server.db

### Packages

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

### Classes

- class [DB](#)
- interface [IDB](#)

## 5.6 Package es.deusto.server.db.dao

### Classes

- class [DAO](#)
- interface [IDAO](#)

## 5.7 Package es.deusto.server.db.data

### Classes

- class [Company](#)
- class [Game](#)
- class [Genre](#)
- class [License](#)
- class [User](#)

## 5.8 Package es.deusto.server.remote

### Classes

- interface [IRemote](#)
- class [Remote](#)

## Chapter 6

# Class Documentation

### 6.1 es.deusto.client.Client Class Reference

#### Static Public Member Functions

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

#### 6.1.1 Detailed Description

Definition at line 15 of file Client.java.

#### 6.1.2 Member Function Documentation

##### 6.1.2.1 main()

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

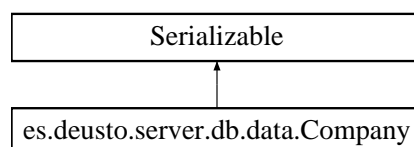
Definition at line 76 of file Client.java.

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

- C:/Users/Marta/SPQ09/Lurrun/src/main/java/es/deusto/client/[Client.java](#)

### 6.2 es.deusto.server.db.data.Company Class Reference

Inheritance diagram for es.deusto.server.db.data.Company:



## Public Member Functions

- [Company](#) (String [name](#))
- void [addGame](#) ([Game](#) game)
- String [getName](#) ()
- String [toString](#) ()

## Protected Attributes

- String [name](#) =null

### 6.2.1 Detailed Description

Definition at line 33 of file Company.java.

### 6.2.2 Constructor & Destructor Documentation

#### 6.2.2.1 Company()

```
es.deusto.server.db.data.Company.Company (
    String name )
```

Definition at line 42 of file Company.java.

### 6.2.3 Member Function Documentation

#### 6.2.3.1 addGame()

```
void es.deusto.server.db.data.Company.addGame (
    Game game )
```

Definition at line 48 of file Company.java.

#### 6.2.3.2 getName()

```
String es.deusto.server.db.data.Company.getName ( )
```

Definition at line 52 of file Company.java.

#### 6.2.3.3 toString()

```
String es.deusto.server.db.data.Company.toString ( )
```

Definition at line 57 of file Company.java.

### 6.2.4 Member Data Documentation

#### 6.2.4.1 name

```
String es.deusto.server.db.data.Company.name =null [protected]
```

Definition at line 37 of file Company.java.

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

- C:/Users/Marta/SPQ09/Lurrun/src/main/java/es/deusto/server/db/data/[Company.java](#)

## 6.3 es.deusto.server.ContiPerfTest Class Reference

### Public Member Functions

- void [storeGameInvocationFail](#) ()
- void [storeGameDuration](#) ()
- void [loadGame](#) ()
- void [loadGame2](#) ()

### Static Public Member Functions

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

### Public Attributes

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

#### 6.3.1 Detailed Description

Definition at line 52 of file ContiPerfTest.java.

#### 6.3.2 Member Function Documentation

#### 6.3.2.1 loadGame()

```
void es.deusto.server.ContiPerfTest.loadGame ( )
```

Definition at line 118 of file ContiPerfTest.java.

#### 6.3.2.2 loadGame2()

```
void es.deusto.server.ContiPerfTest.loadGame2 ( )
```

Definition at line 126 of file ContiPerfTest.java.

#### 6.3.2.3 storeGameDuration()

```
void es.deusto.server.ContiPerfTest.storeGameDuration ( )
```

Definition at line 103 of file ContiPerfTest.java.

#### 6.3.2.4 storeGameInvocationFail()

```
void es.deusto.server.ContiPerfTest.storeGameInvocationFail ( )
```

Definition at line 77 of file ContiPerfTest.java.

#### 6.3.2.5 suite()

```
static junit.framework.Test es.deusto.server.ContiPerfTest.suite ( ) [static]
```

Definition at line 68 of file ContiPerfTest.java.

### 6.3.3 Member Data Documentation

#### 6.3.3.1 rule

```
ContiPerfRule es.deusto.server.ContiPerfTest.rule = new ContiPerfRule()
```

Definition at line 66 of file ContiPerfTest.java.

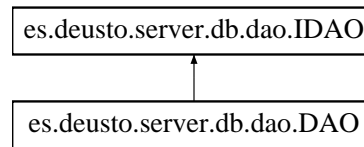
The documentation for this class was generated from the following file:

- C:/Users/Marta/SPQ09/Lurrun/src/test/java/es/deusto/server/[ContiPerfTest.java](#)



## 6.4 es.deusto.server.db.dao.DAO Class Reference

Inheritance diagram for es.deusto.server.db.dao.DAO:



### Public Member Functions

- [DAO](#) ()
- boolean [storeUser](#) ([User](#) u)
- boolean [updateLicense](#) ([License](#) g)
- [User](#) [retrieveUser](#) (String login)
- boolean [updateUser](#) ([User](#) u)
- boolean [storeGame](#) ([Game](#) g)
- boolean [updateGame](#) ([Game](#) g)
- boolean [updateCompany](#) ([Company](#) c)
- boolean [updateGenre](#) ([Genre](#) g)
- List< [Game](#) > [getAllGames](#) ()
- List< [Company](#) > [getAllCompanies](#) ()
- List< [Genre](#) > [getAllGenres](#) ()
- List< [User](#) > [getAllUsers](#) ()
- [License](#) [getFirstLicense](#) (String name)
- [Genre](#) [retrieveGenre](#) (String name)
- [Game](#) [retrieveGame](#) (String name)
- [Company](#) [retrieveCompany](#) (String name)
- [License](#) [retrieveLicense](#) (String gameKey)

### 6.4.1 Detailed Description

This class is the link between the database and the server

Author

Version

1.0

Since

24/03/2017

Definition at line 22 of file DAO.java.

## 6.4.2 Constructor & Destructor Documentation

### 6.4.2.1 DAO()

```
es.deusto.server.db.dao.DAO.DAO ( )
```

Definition at line 27 of file DAO.java.

## 6.4.3 Member Function Documentation

### 6.4.3.1 getAllCompanies()

```
List<Company> es.deusto.server.db.dao.DAO.getAllCompanies ( )
```

This method shows all the companies

#### Parameters

<i>unused</i>	
---------------	--

#### Returns

List Returns a list of companies

#### See also

[es.deusto.server.db.dao.IDAO::getAllCompanies\(\)](#)

Implements [es.deusto.server.db.dao.IDAO](#).

Definition at line 415 of file DAO.java.

### 6.4.3.2 getAllGames()

```
List<Game> es.deusto.server.db.dao.DAO.getAllGames ( )
```

This method shows a list of games

#### Parameters

<i>unused</i>	
---------------	--

**Returns**

List Returns a list of games

**See also**

[es.deusto.server.db.dao.IDAO::getAllGames\(\)](#)

Implements [es.deusto.server.db.dao.IDAO](#).

Definition at line 377 of file DAO.java.

**6.4.3.3 getAllGenres()**

```
List<Genre> es.deusto.server.db.dao.DAO.getAllGenres ( )
```

This method shows all the genres

**Parameters**

<i>unused</i>	
---------------	--

**Returns**

List Returns a list of genres

**See also**

[es.deusto.server.db.dao.IDAO::getAllGenres\(\)](#)

Implements [es.deusto.server.db.dao.IDAO](#).

Definition at line 452 of file DAO.java.

**6.4.3.4 getAllUsers()**

```
List<User> es.deusto.server.db.dao.DAO.getAllUsers ( )
```

This method shows a list of users

**Parameters**

<i>unused</i>	
---------------	--

**Returns**

List Returns a list of users

**See also**

[es.deusto.server.db.dao.IDAO::getAllUsers\(\)](#)

Definition at line 488 of file DAO.java.

**6.4.3.5 `getFirstLicense()`**

```
License es.deusto.server.db.dao.DAO.getFirstLicense (
    String name )
```

This method returns the first license stored in the database

**Parameters**

<i>name</i>	This is the name of a license
-------------	-------------------------------

**Returns**

License Returns a license

**See also**

[es.deusto.server.db.dao.IDAO::getFirstLicense\(java.lang.String\)](#)

Implements [es.deusto.server.db.dao.IDAO](#).

Definition at line 527 of file DAO.java.

**6.4.3.6 `retrieveCompany()`**

```
Company es.deusto.server.db.dao.DAO.retrieveCompany (
    String name )
```

This method retrieves a company

**Parameters**

<i>name</i>	This is the name of a company
-------------	-------------------------------

**Returns**

Company Returns a company

**See also**

[es.deusto.server.db.dao.IDAO::retrieveCompany](#)(java.lang.String)

Implements [es.deusto.server.db.dao.IDAO](#).

Definition at line 627 of file DAO.java.

**6.4.3.7 retrieveGame()**

```
Game es.deusto.server.db.dao.DAO.retrieveGame (
    String name )
```

This method retrieves a game

**Parameters**

<i>name</i>	This is the name of a game
-------------	----------------------------

**Returns**

Game Returns a game

**See also**

[es.deusto.server.db.dao.IDAO::retrieveGame](#)(java.lang.String)

Implements [es.deusto.server.db.dao.IDAO](#).

Definition at line 596 of file DAO.java.

**6.4.3.8 retrieveGenre()**

```
Genre es.deusto.server.db.dao.DAO.retrieveGenre (
    String name )
```

This methos retrieves a genre

**Parameters**

<i>name</i>	This is the name of a genre
-------------	-----------------------------

**Returns**

Genre Returns a genre

**See also**

[es.deusto.server.db.dao.IDAO::retrieveGenre](#)(java.lang.String)

Implements [es.deusto.server.db.dao.IDAO](#).

Definition at line 565 of file DAO.java.

**6.4.3.9 retrieveLicense()**

```
License es.deusto.server.db.dao.DAO.retrieveLicense (
    String gameKey )
```

This method retrieves a license

**Parameters**

<i>gameKey</i>	This is the key of a license
----------------	------------------------------

**Returns**

License Returns a license

**See also**

[es.deusto.server.db.dao.IDAO::retrieveLicense](#)(java.lang.String)

Implements [es.deusto.server.db.dao.IDAO](#).

Definition at line 658 of file DAO.java.

**6.4.3.10 retrieveUser()**

```
User es.deusto.server.db.dao.DAO.retrieveUser (
    String login )
```

This method retrieves a user

**Parameters**

<i>login</i>	This is the login name of a user
--------------	----------------------------------

**Returns**

User Returns a user

**See also**

[es.deusto.server.db.dao.IDAO::retrieveUser\(java.lang.String\)](#)

Implements [es.deusto.server.db.dao.IDAO](#).

Definition at line 98 of file DAO.java.

**6.4.3.11 storeGame()**

```
boolean es.deusto.server.db.dao.DAO.storeGame (
    Game g )
```

This method stores a game

**Parameters**

<i>g</i>	This is a game
----------	----------------

**Returns**

boolean Returns true or false depending on whether the game exists or not

**See also**

[es.deusto.server.db.dao.IDAO::storeGame\(es.deusto.server.db.data.Game\)](#)

Implements [es.deusto.server.db.dao.IDAO](#).

Definition at line 157 of file DAO.java.

**6.4.3.12 storeUser()**

```
boolean es.deusto.server.db.dao.DAO.storeUser (
    User u )
```

This method stores a user

**Parameters**

<i>u</i>	This is a user
----------	----------------

**Returns**

boolean Returns true or false depending on whether the user exists or not

**See also**

[es.deusto.server.db.dao.IDAO::storeUser\(es.deusto.server.db.data.User\)](#)

Implements [es.deusto.server.db.dao.IDAO](#).

Definition at line 38 of file DAO.java.

**6.4.3.13 updateCompany()**

```
boolean es.deusto.server.db.dao.DAO.updateCompany (
    Company c )
```

This method retrieves a company with a given parameter

**Parameters**

<i>name</i>	This is the name of a company
-------------	-------------------------------

**Returns**

Company Returns a company

**See also**

[es.deusto.server.db.dao.IDAO::retrieveCompanyByParameter\(java.lang.String\)](#) This method updates a company

**Parameters**

<i>c</i>	This is a company
----------	-------------------

**Returns**

boolean Returns true or false depending on whether the company exists or not

**See also**

[es.deusto.server.db.dao.IDAO::updateCompany\(es.deusto.server.db.data.Company\)](#)

Implements [es.deusto.server.db.dao.IDAO](#).

Definition at line 285 of file DAO.java.



#### 6.4.3.14 updateGame()

```
boolean es.deusto.server.db.dao.DAO.updateGame (
    Game g )
```

This method retrieves a game with a given parameter

##### Parameters

<i>name</i>	This is the name of a game
-------------	----------------------------

##### Returns

Game Returns a game

##### See also

[es.deusto.server.db.dao.IDAO::retrieveGameByParameter\(java.lang.String\)](#) This method updates a game

##### Parameters

<i>g</i>	This is a game
----------	----------------

##### Returns

boolean Returns true or false depending on whether the game exists or not

##### See also

[es.deusto.server.db.dao.IDAO::updateGame\(es.deusto.server.db.data.Game\)](#)

Implements [es.deusto.server.db.dao.IDAO](#).

Definition at line 221 of file DAO.java.

#### 6.4.3.15 updateGenre()

```
boolean es.deusto.server.db.dao.DAO.updateGenre (
    Genre g )
```

This method retrieves a genre with a given parameter

##### Parameters

<i>name</i>	This is the name of a genre
-------------	-----------------------------

**Returns**

Genre Returns a genre

**See also**

[es.deusto.server.db.dao.IDAO::retrieveGenreByParameter\(java.lang.String\)](#) This method updates a genre

**Parameters**

<i>g</i>	This is a genre
----------	-----------------

**Returns**

boolean Returns true or false depending on whether the genre exists or not

**See also**

[es.deusto.server.db.dao.IDAO::updateGenre\(es.deusto.server.db.data.Genre\)](#)

Implements [es.deusto.server.db.dao.IDAO](#).

Definition at line 350 of file DAO.java.

**6.4.3.16 updateLicense()**

```
boolean es.deusto.server.db.dao.DAO.updateLicense (
    License g )
```

This method updates a license

**Parameters**

<i>g</i>	This is a license
----------	-------------------

**Returns**

boolean Returns true or false depending on whether the license exists or not

**See also**

[es.deusto.server.db.dao.IDAO::updateLicense\(es.deusto.server.db.data.License\)](#)

Implements [es.deusto.server.db.dao.IDAO](#).

Definition at line 70 of file DAO.java.

#### 6.4.3.17 updateUser()

```
boolean es.deusto.server.db.dao.DAO.updateUser (
    User u )
```

This method updates a user

##### Parameters

<i>u</i>	This is a user
----------	----------------

##### Returns

boolean Returns true or false depending on whether the user exists or not

##### See also

[es.deusto.server.db.dao.IDAO::updateUser\(es.deusto.server.db.data.User\)](#)

Implements [es.deusto.server.db.dao.IDAO](#).

Definition at line 130 of file DAO.java.

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

- C:/Users/Marta/SPQ09/Lurrun/src/main/java/es/deusto/server/db/dao/[DAO.java](#)

## 6.5 es.deusto.server.DAOMockTest Class Reference

### Public Member Functions

- void [setUp](#) () throws Exception
- void [testRegisterUserCorrectly](#) ()
- void [testRegisterUserAlreadyExists](#) ()
- void [testGameValid](#) () throws Exception
- void [addGameToDBTest](#) ()

### Static Public Member Functions

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

#### 6.5.1 Detailed Description

##### Author

cortazar Testing of the Service Layer, mocking the DAO layer

Definition at line 53 of file DAOMockTest.java.

## 6.5.2 Member Function Documentation

### 6.5.2.1 addGameToDBTest()

```
void es.deusto.server.DAOMockTest.addGameToDBTest ( )
```

Definition at line 143 of file DAOMockTest.java.

### 6.5.2.2 setUp()

```
void es.deusto.server.DAOMockTest.setUp ( ) throws Exception
```

Definition at line 69 of file DAOMockTest.java.

### 6.5.2.3 suite()

```
static junit.framework.Test es.deusto.server.DAOMockTest.suite ( ) [static]
```

Definition at line 64 of file DAOMockTest.java.

### 6.5.2.4 testGameValid()

```
void es.deusto.server.DAOMockTest.testGameValid ( ) throws Exception
```

Definition at line 116 of file DAOMockTest.java.

### 6.5.2.5 testRegisterUserAlreadyExists()

```
void es.deusto.server.DAOMockTest.testRegisterUserAlreadyExists ( )
```

Definition at line 99 of file DAOMockTest.java.

## 6.5.2.6 testRegisterUserCorrectly()

```
void es.deusto.server.DAOMockTest.testRegisterUserCorrectly ( )
```

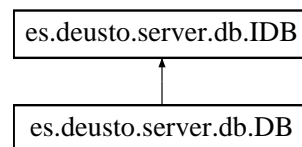
Definition at line 78 of file DAOMockTest.java.

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

- C:/Users/Marta/SPQ09/Lurrun/src/test/java/es/deusto/server/DAOMockTest.java

## 6.6 es.deusto.server.db.DB Class Reference

Inheritance diagram for es.deusto.server.db.DB:



### Public Member Functions

- [DB](#) ()
- [DB](#) ([IDAO](#) udao)
- List< [Game](#) > [getUserGames](#) (String username)
- List< String > [getAllCompanies](#) ()
- List< String > [getAllGenres](#) ()
- boolean [buyGame](#) (String username, String name)
- boolean [loginUser](#) ([User](#) u)
- boolean [registerUser](#) ([User](#) u)
- boolean [addGameToDb](#) ([Game](#) g, [Genre](#) gg, [Company](#) c)
- boolean [isSuperUser](#) (String login)
- boolean [addLicenseToGame](#) ([Game](#) g, [License](#) l)
- boolean [addLicenseToUser](#) ([User](#) u, [License](#) l)
- [Game](#) [showGame](#) (String name)
- [Genre](#) [showGenre](#) (String name)
- [Company](#) [showCompany](#) (String name)
- [User](#) [showUser](#) (String login)
- List< [Game](#) > [getAllGames](#) ()

### 6.6.1 Detailed Description

This class executes all the basic functions of the database, such as buying a game, registering a user or adding a game for example

Author

Version

1.0

Since

24/03/2017

Definition at line 26 of file DB.java.

## 6.6.2 Constructor & Destructor Documentation

### 6.6.2.1 DB() [1/2]

```
es.deusto.server.db.DB.DB ( )
```

This is the first constructor for the database

#### Parameters

<i>unused</i>	
---------------	--

#### Returns

nothing

Definition at line 39 of file DB.java.

### 6.6.2.2 DB() [2/2]

```
es.deusto.server.db.DB.DB (
    IDAO udao )
```

This is the second constructor for the database

#### Parameters

<i>udao</i>	This is the parameter to the constructor
-------------	--

#### Returns

nothing

Definition at line 50 of file DB.java.

## 6.6.3 Member Function Documentation

### 6.6.3.1 addGameToDb()

```
boolean es.deusto.server.db.DB.addGameToDb (  
    Game g,  
    Genre gg,  
    Company c )
```

This method adds a new game or updates a existing one into the database

**Parameters**

<i>g</i>	This is a game
<i>gg</i>	This is a genre
<i>c</i>	This is a company

**Returns**

boolean Returns true or false depending on whether the game exists in the database or not

**See also**

[es.deusto.server.db.IDB::addGameToDb\(es.deusto.server.db.data.Game, es.deusto.server.db.data.Genre, es.deusto.server.db.data.Company\)](#)

Implements [es.deusto.server.db.IDB](#).

Definition at line 174 of file DB.java.

**6.6.3.2 addLicenseToGame()**

```
boolean es.deusto.server.db.DB.addLicenseToGame (
    Game g,
    License l )
```

This method adds a license to a game

**Parameters**

<i>g</i>	This is a game
<i>l</i>	This is a license

**Returns**

boolean Returns true or false depending on whether the game has a license or not

**See also**

[es.deusto.server.db.IDB::addLicenseToGame\(es.deusto.server.db.data.Game, es.deusto.server.db.data.↵ License\)](#)

Definition at line 267 of file DB.java.



### 6.6.3.3 addLicenseToUser()

```
boolean es.deusto.server.db.DB.addLicenseToUser (
    User u,
    License l )
```

This method adds a license to a user

**Parameters**

<i>u</i>	This is a user
<i>l</i>	This is a license

**Returns**

boolean Returns true or false depending on whether the user has a license or not

**See also**

[es.deusto.server.db.IDB::addLicenseToUser](#)([es.deusto.server.db.data.User](#), [es.deusto.server.db.data.↵  
License](#))

Definition at line 296 of file DB.java.

**6.6.3.4 buyGame()**

```
boolean es.deusto.server.db.DB.buyGame (
    String username,
    String name )
```

Method that gives the user a license when buying a game

**Parameters**

<i>username</i>	This is the login username of a user
<i>name</i>	This is the name of a game

**Returns**

boolean Returns true when the user has the license

**See also**

[es.deusto.server.db.IDB::buyGame](#)(java.lang.String, java.lang.String)

Implements [es.deusto.server.db.IDB](#).

Definition at line 110 of file DB.java.

**6.6.3.5 getAllCompanies()**

```
List<String> es.deusto.server.db.DB.getAllCompanies ( )
```

This method shows a list of companies

## Parameters

<i>unused</i>	
---------------	--

## Returns

List Returns a list of companies

## See also

[es.deusto.server.db.IDB::getAllCompanies\(\)](#)

Implements [es.deusto.server.db.IDB](#).

Definition at line 78 of file DB.java.

### 6.6.3.6 getAllGames()

```
List<Game> es.deusto.server.db.DB.getAllGames ( )
```

This method shows a list of games

## Parameters

<i>unused</i>	
---------------	--

## Returns

List Returns a list of games

## See also

[es.deusto.server.db.IDB::getAllGames\(\)](#)

Implements [es.deusto.server.db.IDB](#).

Definition at line 417 of file DB.java.

### 6.6.3.7 getAllGenres()

```
List<String> es.deusto.server.db.DB.getAllGenres ( )
```

This method shows a list of genres

**Parameters**

<i>unused</i>	
---------------	--

**Returns**

List Returns a list of genres

**See also**

[es.deusto.server.db.IDB::getAllGenres\(\)](#)

Implements [es.deusto.server.db.IDB](#).

Definition at line 94 of file DB.java.

**6.6.3.8 getUserGames()**

```
List<Game> es.deusto.server.db.DB.getUserGames (
    String username )
```

Method that returns the list of games of a user

**Parameters**

<i>username</i>	This is the login username of a user
-----------------	--------------------------------------

**Returns**

list Returns a list of games

**See also**

[es.deusto.server.db.IDB::getUserGames\(java.lang.String\)](#)

Implements [es.deusto.server.db.IDB](#).

Definition at line 62 of file DB.java.

**6.6.3.9 isSuperUser()**

```
boolean es.deusto.server.db.DB.isSuperUser (
    String login )
```

This method shows if a user is also superuser or not

**Parameters**

<i>login</i>	This is the login name of a user
--------------	----------------------------------

**Returns**

boolean Returns if a user is superuser or not

**See also**

[es.deusto.server.db.IDB::isSuperUser](#)(java.lang.String)

Implements [es.deusto.server.db.IDB](#).

Definition at line 255 of file DB.java.

**6.6.3.10 loginUser()**

```
boolean es.deusto.server.db.DB.loginUser (
    User u )
```

This method allows the user to log in

**Parameters**

<i>u</i>	This is a user
----------	----------------

**Returns**

boolean Returns true or false depending on whether the user exists or not

**See also**

[es.deusto.server.db.IDB::loginUser](#)(es.deusto.server.db.data.User)

Implements [es.deusto.server.db.IDB](#).

Definition at line 135 of file DB.java.

**6.6.3.11 registerUser()**

```
boolean es.deusto.server.db.DB.registerUser (
    User u )
```

This method saves a new user

**Parameters**

<i>u</i>	This is a user
----------	----------------

**Returns**

boolean Returns true or false depending on whether the user exists or not

**See also**

[es.deusto.server.db.IDB::registerUser\(es.deusto.server.db.data.User\)](#)

Implements [es.deusto.server.db.IDB](#).

Definition at line 156 of file DB.java.

**6.6.3.12 showCompany()**

```
Company es.deusto.server.db.DB.showCompany (
    String name )
```

This method shows the company of a game

**Parameters**

<i>name</i>	This is the name of a company
-------------	-------------------------------

**Returns**

Company Returns the company of a game

**See also**

[es.deusto.server.db.IDB::showCompany\(java.lang.String\)](#)

Implements [es.deusto.server.db.IDB](#).

Definition at line 380 of file DB.java.

**6.6.3.13 showGame()**

```
Game es.deusto.server.db.DB.showGame (
    String name )
```

This method shows a game

## Parameters

<i>name</i>	This is the name of a game return Game Returns a game
-------------	---

## See also

[es.deusto.server.db.IDB::showGame](#)(java.lang.String)

Implements [es.deusto.server.db.IDB](#).

Definition at line 357 of file DB.java.

### 6.6.3.14 showGenre()

```
Genre es.deusto.server.db.DB.showGenre (
    String name )
```

This method shows the genre of a game

## Parameters

<i>name</i>	This is the name of a genre
-------------	-----------------------------

## Returns

Genre Returns the genre of a game

## See also

[es.deusto.server.db.IDB::showGenre](#)(java.lang.String)

Implements [es.deusto.server.db.IDB](#).

Definition at line 369 of file DB.java.

### 6.6.3.15 showUser()

```
User es.deusto.server.db.DB.showUser (
    String login )
```

This method shows the license of a game

## Parameters

<i>gameKey</i>	This is the key of a game
----------------	---------------------------

**Returns**

License Returns the license of a game

**See also**

`es.deusto.server.db.IDB::showLicense(java.lang.String)` This method shows a user

**Parameters**

<i>login</i>	This is the login name of a user
--------------	----------------------------------

**Returns**

User Returns a user

**See also**

[es.deusto.server.db.IDB::showUser\(java.lang.String\)](#)

Implements [es.deusto.server.db.IDB](#).

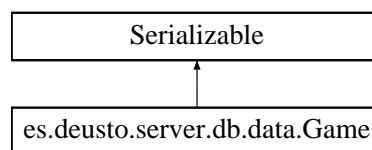
Definition at line 405 of file DB.java.

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

- C:/Users/Marta/SPQ09/Lurrun/src/main/java/es/deusto/server/db/[DB.java](#)

## 6.7 es.deusto.server.db.data.Game Class Reference

Inheritance diagram for `es.deusto.server.db.data.Game`:

**Public Member Functions**

- [Game](#) (String name, double price, double discount)
- String [getName](#) ()
- double [getPrice](#) ()
- double [getDiscount](#) ()
- void [addLicense](#) ([License](#) license)
- void [removeLicense](#) ([License](#) license)
- List< [License](#) > [getLicenses](#) ()
- [Genre](#) [getGenre](#) ()
- void [setGenre](#) ([Genre](#) genre)
- [Company](#) [getCompany](#) ()
- void [setCompany](#) ([Company](#) company)
- String [toString](#) ()



### 6.7.1 Detailed Description

Definition at line 19 of file Game.java.

### 6.7.2 Constructor & Destructor Documentation

#### 6.7.2.1 Game()

```
es.deusto.server.db.data.Game.Game (
    String name,
    double price,
    double discount )
```

Definition at line 35 of file Game.java.

### 6.7.3 Member Function Documentation

#### 6.7.3.1 addLicense()

```
void es.deusto.server.db.data.Game.addLicense (
    License license )
```

Definition at line 53 of file Game.java.

#### 6.7.3.2 getCompany()

```
Company es.deusto.server.db.data.Game.getCompany ( )
```

Definition at line 73 of file Game.java.

#### 6.7.3.3 getDiscount()

```
double es.deusto.server.db.data.Game.getDiscount ( )
```

Definition at line 49 of file Game.java.

#### 6.7.3.4 getGenre()

```
Genre es.deusto.server.db.data.Game.getGenre ( )
```

Definition at line 65 of file Game.java.

#### 6.7.3.5 getLicenses()

```
List<License> es.deusto.server.db.data.Game.getLicenses ( )
```

Definition at line 61 of file Game.java.

#### 6.7.3.6 getName()

```
String es.deusto.server.db.data.Game.getName ( )
```

Definition at line 41 of file Game.java.

#### 6.7.3.7 getPrice()

```
double es.deusto.server.db.data.Game.getPrice ( )
```

Definition at line 45 of file Game.java.

#### 6.7.3.8 removeLicense()

```
void es.deusto.server.db.data.Game.removeLicense (
    License license )
```

Definition at line 57 of file Game.java.

#### 6.7.3.9 setCompany()

```
void es.deusto.server.db.data.Game.setCompany (
    Company company )
```

Definition at line 77 of file Game.java.

#### 6.7.3.10 setGenre()

```
void es.deusto.server.db.data.Game.setGenre (
    Genre genre )
```

Definition at line 69 of file Game.java.

#### 6.7.3.11 toString()

```
String es.deusto.server.db.data.Game.toString ( )
```

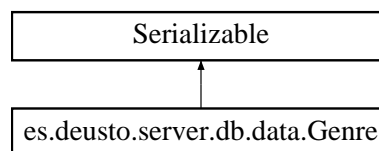
Definition at line 81 of file Game.java.

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

- C:/Users/Marta/SPQ09/Lurrun/src/main/java/es/deusto/server/db/data/[Game.java](#)

## 6.8 es.deusto.server.db.data.Genre Class Reference

Inheritance diagram for es.deusto.server.db.data.Genre:



### Public Member Functions

- [Genre](#) (String name)
- String [getName](#) ()
- void [addGame](#) ([Game](#) game)
- String [toString](#) ()

#### 6.8.1 Detailed Description

Definition at line 14 of file Genre.java.

#### 6.8.2 Constructor & Destructor Documentation

### 6.8.2.1 Genre()

```
es.deusto.server.db.data.Genre.Genre (
    String name )
```

Definition at line 24 of file Genre.java.

## 6.8.3 Member Function Documentation

### 6.8.3.1 addGame()

```
void es.deusto.server.db.data.Genre.addGame (
    Game game )
```

Definition at line 33 of file Genre.java.

### 6.8.3.2 getName()

```
String es.deusto.server.db.data.Genre.getName ( )
```

Definition at line 29 of file Genre.java.

### 6.8.3.3 toString()

```
String es.deusto.server.db.data.Genre.toString ( )
```

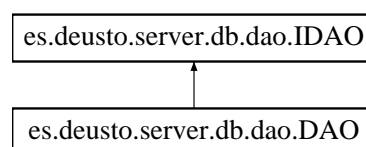
Definition at line 38 of file Genre.java.

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

- C:/Users/Marta/SPQ09/Lurrun/src/main/java/es/deusto/server/db/data/[Genre.java](#)

## 6.9 es.deusto.server.db.dao.IDAO Interface Reference

Inheritance diagram for es.deusto.server.db.dao.IDAO:



## Public Member Functions

- boolean [storeUser](#) ([User](#) u)
- [User](#) [retrieveUser](#) (String login)
- boolean [updateUser](#) ([User](#) u)
- [License](#) [retrieveLicense](#) (String gameKey)
- boolean [updateLicense](#) ([License](#) u)
- boolean [storeGame](#) ([Game](#) g)
- [Game](#) [retrieveGame](#) (String name)
- boolean [updateGame](#) ([Game](#) g)
- [Company](#) [retrieveCompany](#) (String name)
- boolean [updateCompany](#) ([Company](#) c)
- [Genre](#) [retrieveGenre](#) (String name)
- boolean [updateGenre](#) ([Genre](#) g)
- List< [Game](#) > [getAllGames](#) ()
- List< [Company](#) > [getAllCompanies](#) ()
- List< [Genre](#) > [getAllGenres](#) ()
- [License](#) [getFirstLicense](#) (String name)

### 6.9.1 Detailed Description

Definition at line 6 of file IDAO.java.

### 6.9.2 Member Function Documentation

#### 6.9.2.1 [getAllCompanies\(\)](#)

```
List<Company> es.deusto.server.db.dao.IDAO.getAllCompanies ( )
```

Implemented in [es.deusto.server.db.dao.DAO](#).

#### 6.9.2.2 [getAllGames\(\)](#)

```
List<Game> es.deusto.server.db.dao.IDAO.getAllGames ( )
```

Implemented in [es.deusto.server.db.dao.DAO](#).

#### 6.9.2.3 [getAllGenres\(\)](#)

```
List<Genre> es.deusto.server.db.dao.IDAO.getAllGenres ( )
```

Implemented in [es.deusto.server.db.dao.DAO](#).

#### 6.9.2.4 getFirstLicense()

```
License es.deusto.server.db.dao.IDAO.getFirstLicense (
    String name )
```

Implemented in [es.deusto.server.db.dao.DAO](#).

#### 6.9.2.5 retrieveCompany()

```
Company es.deusto.server.db.dao.IDAO.retrieveCompany (
    String name )
```

Implemented in [es.deusto.server.db.dao.DAO](#).

#### 6.9.2.6 retrieveGame()

```
Game es.deusto.server.db.dao.IDAO.retrieveGame (
    String name )
```

Implemented in [es.deusto.server.db.dao.DAO](#).

#### 6.9.2.7 retrieveGenre()

```
Genre es.deusto.server.db.dao.IDAO.retrieveGenre (
    String name )
```

Implemented in [es.deusto.server.db.dao.DAO](#).

#### 6.9.2.8 retrieveLicense()

```
License es.deusto.server.db.dao.IDAO.retrieveLicense (
    String gameKey )
```

Implemented in [es.deusto.server.db.dao.DAO](#).

#### 6.9.2.9 retrieveUser()

```
User es.deusto.server.db.dao.IDAO.retrieveUser (
    String login )
```

Implemented in [es.deusto.server.db.dao.DAO](#).

#### 6.9.2.10 storeGame()

```
boolean es.deusto.server.db.dao.IDAO.storeGame (
    Game g )
```

Implemented in [es.deusto.server.db.dao.DAO](#).

#### 6.9.2.11 storeUser()

```
boolean es.deusto.server.db.dao.IDAO.storeUser (
    User u )
```

Implemented in [es.deusto.server.db.dao.DAO](#).

#### 6.9.2.12 updateCompany()

```
boolean es.deusto.server.db.dao.IDAO.updateCompany (
    Company c )
```

Implemented in [es.deusto.server.db.dao.DAO](#).

#### 6.9.2.13 updateGame()

```
boolean es.deusto.server.db.dao.IDAO.updateGame (
    Game g )
```

Implemented in [es.deusto.server.db.dao.DAO](#).

#### 6.9.2.14 updateGenre()

```
boolean es.deusto.server.db.dao.IDAO.updateGenre (
    Genre g )
```

Implemented in [es.deusto.server.db.dao.DAO](#).

#### 6.9.2.15 updateLicense()

```
boolean es.deusto.server.db.dao.IDAO.updateLicense (
    License u )
```

Implemented in [es.deusto.server.db.dao.DAO](#).

### 6.9.2.16 updateUser()

```
boolean es.deusto.server.db.dao.IDAO.updateUser (
    User u )
```

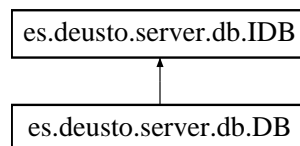
Implemented in [es.deusto.server.db.dao.DAO](#).

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

- C:/Users/Marta/SPQ09/Lurrun/src/main/java/es/deusto/server/db/dao/[IDAO.java](#)

## 6.10 es.deusto.server.db.IDB Interface Reference

Inheritance diagram for es.deusto.server.db.IDB:



### Public Member Functions

- boolean [loginUser](#) ([User](#) u)
- boolean [registerUser](#) ([User](#) u)
- boolean [buyGame](#) (String login, String game)
- List< [Game](#) > [getAllGames](#) ()
- List< [Game](#) > [getUserGames](#) (String login)
- List< String > [getAllCompanies](#) ()
- List< String > [getAllGenres](#) ()
- boolean [addGameToDb](#) ([Game](#) g, [Genre](#) gg, [Company](#) c)
- boolean [isSuperUser](#) (String login)
- [User](#) [showUser](#) (String login)
- [Game](#) [showGame](#) (String name)
- [Company](#) [showCompany](#) (String name)
- [Genre](#) [showGenre](#) (String name)

### 6.10.1 Detailed Description

Definition at line 7 of file IDB.java.

### 6.10.2 Member Function Documentation



### 6.10.2.1 addGameToDb()

```
boolean es.deusto.server.db.IDB.addGameToDb (
    Game g,
    Genre gg,
    Company c )
```

Implemented in [es.deusto.server.db.DB](#).

### 6.10.2.2 buyGame()

```
boolean es.deusto.server.db.IDB.buyGame (
    String login,
    String game )
```

Implemented in [es.deusto.server.db.DB](#).

### 6.10.2.3 getAllCompanies()

```
List<String> es.deusto.server.db.IDB.getAllCompanies ( )
```

Implemented in [es.deusto.server.db.DB](#).

### 6.10.2.4 getAllGames()

```
List<Game> es.deusto.server.db.IDB.getAllGames ( )
```

Implemented in [es.deusto.server.db.DB](#).

### 6.10.2.5 getAllGenres()

```
List<String> es.deusto.server.db.IDB.getAllGenres ( )
```

Implemented in [es.deusto.server.db.DB](#).

### 6.10.2.6 getUserGames()

```
List<Game> es.deusto.server.db.IDB.getUserGames (
    String login )
```

Implemented in [es.deusto.server.db.DB](#).

#### 6.10.2.7 isSuperUser()

```
boolean es.deusto.server.db.IDB.isSuperUser (
    String login )
```

Implemented in [es.deusto.server.db.DB](#).

#### 6.10.2.8 loginUser()

```
boolean es.deusto.server.db.IDB.loginUser (
    User u )
```

Implemented in [es.deusto.server.db.DB](#).

#### 6.10.2.9 registerUser()

```
boolean es.deusto.server.db.IDB.registerUser (
    User u )
```

Implemented in [es.deusto.server.db.DB](#).

#### 6.10.2.10 showCompany()

```
Company es.deusto.server.db.IDB.showCompany (
    String name )
```

Implemented in [es.deusto.server.db.DB](#).

#### 6.10.2.11 showGame()

```
Game es.deusto.server.db.IDB.showGame (
    String name )
```

Implemented in [es.deusto.server.db.DB](#).

#### 6.10.2.12 showGenre()

```
Genre es.deusto.server.db.IDB.showGenre (
    String name )
```

Implemented in [es.deusto.server.db.DB](#).

## 6.10.2.13 showUser()

```
User es.deusto.server.db.IDB.showUser (
    String login )
```

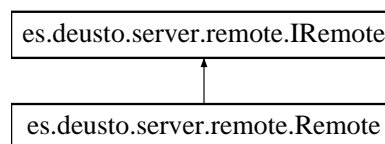
Implemented in [es.deusto.server.db.DB](#).

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

- [C:/Users/Marta/SPQ09/Lurrun/src/main/java/es/deusto/server/db/IDB.java](#)

## 6.11 es.deusto.server.remote.IRemote Interface Reference

Inheritance diagram for es.deusto.server.remote.IRemote:



## Public Member Functions

- boolean [registerUser](#) (String login, String password) throws RemoteException
- boolean [loginUser](#) (String login, String password) throws RemoteException
- List< [Game](#) > [showGamesInStore](#) () throws RemoteException
- List< [Game](#) > [showOwnedGames](#) (String username) throws RemoteException
- boolean [buyGame](#) (String username, String name) throws RemoteException
- double [getUserWallet](#) (String login) throws RemoteException
- boolean [isSuperUser](#) (String login) throws RemoteException
- boolean [addGame](#) (String gName, double price, double disc, String gg, String c) throws RemoteException
- String [] [getAllCompanies](#) () throws RemoteException
- String [] [getAllGenres](#) () throws RemoteException

## 6.11.1 Detailed Description

Definition at line 9 of file IRemote.java.

## 6.11.2 Member Function Documentation

#### 6.11.2.1 addGame()

```
boolean es.deusto.server.remote.IRemote.addGame (
    String gName,
    double price,
    double disc,
    String gg,
    String c ) throws RemoteException
```

Implemented in [es.deusto.server.remote.Remote](#).

#### 6.11.2.2 buyGame()

```
boolean es.deusto.server.remote.IRemote.buyGame (
    String username,
    String name ) throws RemoteException
```

Implemented in [es.deusto.server.remote.Remote](#).

#### 6.11.2.3 getAllCompanies()

```
String [] es.deusto.server.remote.IRemote.getAllCompanies ( ) throws RemoteException
```

Implemented in [es.deusto.server.remote.Remote](#).

#### 6.11.2.4 getAllGenres()

```
String [] es.deusto.server.remote.IRemote.getAllGenres ( ) throws RemoteException
```

Implemented in [es.deusto.server.remote.Remote](#).

#### 6.11.2.5 getUserWallet()

```
double es.deusto.server.remote.IRemote.getUserWallet (
    String login ) throws RemoteException
```

Implemented in [es.deusto.server.remote.Remote](#).

#### 6.11.2.6 isSuperUser()

```
boolean es.deusto.server.remote.IRemote.isSuperUser (
    String login ) throws RemoteException
```

Implemented in [es.deusto.server.remote.Remote](#).

#### 6.11.2.7 loginUser()

```
boolean es.deusto.server.remote.IRemote.loginUser (
    String login,
    String password ) throws RemoteException
```

Implemented in [es.deusto.server.remote.Remote](#).

#### 6.11.2.8 registerUser()

```
boolean es.deusto.server.remote.IRemote.registerUser (
    String login,
    String password ) throws RemoteException
```

Implemented in [es.deusto.server.remote.Remote](#).

#### 6.11.2.9 showGamesInStore()

```
List<Game> es.deusto.server.remote.IRemote.showGamesInStore ( ) throws RemoteException
```

Implemented in [es.deusto.server.remote.Remote](#).

#### 6.11.2.10 showOwnedGames()

```
List<Game> es.deusto.server.remote.IRemote.showOwnedGames (
    String username ) throws RemoteException
```

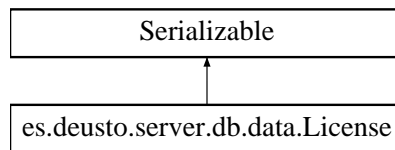
Implemented in [es.deusto.server.remote.Remote](#).

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

- C:/Users/Marta/SPQ09/Lurrun/src/main/java/es/deusto/server/remote/[IRemote.java](#)

## 6.12 es.deusto.server.db.data.License Class Reference

Inheritance diagram for es.deusto.server.db.data.License:



### Public Member Functions

- [License](#) (String gameKey)
- boolean [isUsed](#) ()
- void [setUsed](#) (boolean isUsed)
- String [getGameKey](#) ()
- [Game](#) [getGame](#) ()
- void [setGame](#) ([Game](#) game)
- [User](#) [getUser](#) ()
- void [setUser](#) ([User](#) user)
- String [toString](#) ()

### 6.12.1 Detailed Description

Definition at line 9 of file License.java.

### 6.12.2 Constructor & Destructor Documentation

#### 6.12.2.1 License()

```
es.deusto.server.db.data.License.License (
    String gameKey )
```

Definition at line 20 of file License.java.

### 6.12.3 Member Function Documentation

#### 6.12.3.1 getGame()

```
Game es.deusto.server.db.data.License.getGame ( )
```

Definition at line 38 of file License.java.

#### 6.12.3.2 `getGameKey()`

```
String es.deusto.server.db.data.License.getGameKey ( )
```

Definition at line 34 of file License.java.

#### 6.12.3.3 `getUser()`

```
User es.deusto.server.db.data.License.getUser ( )
```

Definition at line 46 of file License.java.

#### 6.12.3.4 `isUsed()`

```
boolean es.deusto.server.db.data.License.isUsed ( )
```

Definition at line 26 of file License.java.

#### 6.12.3.5 `setGame()`

```
void es.deusto.server.db.data.License.setGame (
    Game game )
```

Definition at line 42 of file License.java.

#### 6.12.3.6 `setUsed()`

```
void es.deusto.server.db.data.License.setUsed (
    boolean isUsed )
```

Definition at line 30 of file License.java.

#### 6.12.3.7 `setUser()`

```
void es.deusto.server.db.data.License.setUser (
    User user )
```

Definition at line 50 of file License.java.

### 6.12.3.8 toString()

`String es.deusto.server.db.data.License.toString ( )`

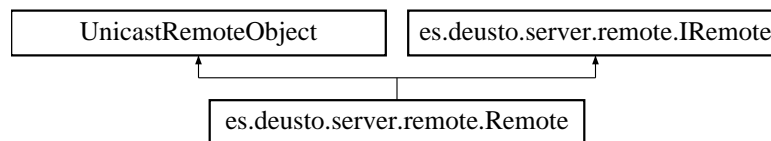
Definition at line 55 of file License.java.

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

- [C:/Users/Marta/SPQ09/Lurrun/src/main/java/es/deusto/server/db/data/License.java](#)

## 6.13 es.deusto.server.remote.Remote Class Reference

Inheritance diagram for es.deusto.server.remote.Remote:



### Public Member Functions

- [Remote](#) () throws RemoteException
- boolean [loginUser](#) (String login, String password) throws RemoteException
- boolean [registerUser](#) (String login, String password) throws RemoteException
- [Game gameTest](#) () throws RemoteException
- List< [Game](#) > [showGamesInStore](#) () throws RemoteException
- double [getUserWallet](#) (String login) throws RemoteException
- [User](#) [getUser](#) (String login) throws RemoteException
- List< [Game](#) > [showOwnedGames](#) (String username) throws RemoteException
- boolean [buyGame](#) (String username, String name) throws RemoteException
- boolean [isSuperUser](#) (String login) throws RemoteException
- boolean [addGame](#) (String gName, double price, double disc, String gg, String c) throws RemoteException
- String [] [getAllCompanies](#) ()
- String [] [getAllGenres](#) ()

### Protected Member Functions

- void [finalize](#) () throws Throwable

### 6.13.1 Detailed Description

This class checks if the main processes, such as buying a game or registering a user, work correctly

Author

Version

1.0

Since

24/03/2017

Definition at line 28 of file Remote.java.



## 6.13.2 Constructor & Destructor Documentation

### 6.13.2.1 Remote()

```
es.deusto.server.remote.Remote.Remote ( ) throws RemoteException
```

This is the constructor for the [Remote](#) class

#### Parameters

<i>unused</i>	
---------------	--

#### Returns

nothing

#### Exceptions

<i>RemoteException</i>	
------------------------	--

Definition at line 42 of file Remote.java.

## 6.13.3 Member Function Documentation

### 6.13.3.1 addGame()

```
boolean es.deusto.server.remote.Remote.addGame (
    String gName,
    double price,
    double disc,
    String gg,
    String c ) throws RemoteException
```

This method adds a game to the database

#### Parameters

<i>game</i>	This is the name of a game
<i>genre</i>	This is the genre of a game
<i>company</i>	This is the company of a game

**Returns**

IDB Returns a game stored in the database

**Exceptions**

<i>RemoteException</i>	
------------------------	--

**See also**

[es.deusto.server.remote.IRemote::addGame](#)([es.deusto.server.db.data.Game](#), [es.deusto.server.db.data.Genre](#), [es.deusto.server.db.data.Company](#)) ↩

Implements [es.deusto.server.remote.IRemote](#).

Definition at line 240 of file Remote.java.

**6.13.3.2 buyGame()**

```
boolean es.deusto.server.remote.Remote.buyGame (
    String username,
    String name ) throws RemoteException
```

This method buys a game and adds it to the user owned list

**Parameters**

<i>username</i>	This is the name of the user
<i>name</i>	this is the name of a game

**Returns**

IDB Returns a game stored in the database

**Exceptions**

<i>RemoteException</i>	
------------------------	--

**See also**

[es.deusto.server.remote.IRemote::buyGame](#)([java.lang.String](#), [java.lang.String](#))

Implements [es.deusto.server.remote.IRemote](#).

Definition at line 206 of file Remote.java.

### 6.13.3.3 finalize()

```
void es.deusto.server.remote.Remote.finalize ( ) throws Throwable [protected]
```

This method finalizes the connection with the database

#### Parameters

<i>unused</i>	
---------------	--

#### Returns

none

#### See also

[java.lang.Object::finalize\(\)](#)

Definition at line 294 of file Remote.java.

### 6.13.3.4 gameTest()

```
Game es.deusto.server.remote.Remote.gameTest ( ) throws RemoteException
```

This method checks if adding a game works correctly

#### Parameters

<i>unused</i>	
---------------	--

#### Returns

Game Returns a game from the database

#### Exceptions

<i>RemoteException</i>	
------------------------	--

#### See also

[es.deusto.server.remote.IRemote::gameTest\(\)](#)

Definition at line 95 of file Remote.java.

#### 6.13.3.5 getAllCompanies()

```
String [] es.deusto.server.remote.Remote.getAllCompanies ( )
```

This method shows all the companies

##### Parameters

<i>unused</i>	
---------------	--

##### Returns

String[] Returns an array of companies

##### See also

[es.deusto.server.remote.IRemote::getAllCompanies\(\)](#)

Implements [es.deusto.server.remote.IRemote](#).

Definition at line 255 of file Remote.java.

#### 6.13.3.6 getAllGenres()

```
String [] es.deusto.server.remote.Remote.getAllGenres ( )
```

This method shows all the genres

##### Parameters

<i>unused</i>	
---------------	--

##### Returns

String[] Returns an array of genres

##### See also

[es.deusto.server.remote.IRemote::getAllGenres\(\)](#)

Implements [es.deusto.server.remote.IRemote](#).

Definition at line 268 of file Remote.java.

#### 6.13.3.7 getUser()

```
User es.deusto.server.remote.Remote.getUser (
    String login ) throws RemoteException
```

This method shows a user

#### Parameters

<i>login</i>	This is the login name of a user
--------------	----------------------------------

#### Returns

User Returns a user stored in the database

#### Exceptions

<i>RemoteException</i>	
------------------------	--

#### See also

[es.deusto.server.remote.IRemote::getUser\(java.lang.String\)](#)

Definition at line 161 of file Remote.java.

#### 6.13.3.8 getUserWallet()

```
double es.deusto.server.remote.Remote.getUserWallet (
    String login ) throws RemoteException
```

This method shows the wallet of a user

#### Parameters

<i>login</i>	This is the user login name
--------------	-----------------------------

#### Returns

double Returns the amount of money a user has in the wallet

#### Exceptions

<i>RemoteException</i>	
------------------------	--

#### See also

[es.deusto.server.remote.IRemote::getUserWallet\(java.lang.String\)](#)

Implements [es.deusto.server.remote.IRemote](#).

Definition at line 139 of file Remote.java.

#### 6.13.3.9 isSuperUser()

```
boolean es.deusto.server.remote.Remote.isSuperUser (
    String login ) throws RemoteException
```

This method shows if a user is superuser or not

##### Parameters

<i>login</i>	This is the login name of a user
--------------	----------------------------------

##### Returns

boolean Returns if the user is also superuser

##### See also

[es.deusto.server.remote.IRemote::isSuperUser\(java.lang.String\)](#)

Implements [es.deusto.server.remote.IRemote](#).

Definition at line 225 of file Remote.java.

#### 6.13.3.10 loginUser()

```
boolean es.deusto.server.remote.Remote.loginUser (
    String login,
    String password ) throws RemoteException
```

This method allows a user to log in

##### Parameters

<i>login</i>	This is the login name of a user
<i>password</i>	This is the login password of a user

##### Returns

boolean Returns true if the user can log in and false if not

##### Exceptions

<i>RemoteException</i>	
------------------------	--

See also

[es.deusto.server.remote.IRemote::loginUser](#)(java.lang.String, java.lang.String)

Implements [es.deusto.server.remote.IRemote](#).

Definition at line 55 of file Remote.java.

#### 6.13.3.11 registerUser()

```
boolean es.deusto.server.remote.Remote.registerUser (
    String login,
    String password ) throws RemoteException
```

This method checks if the registration process works correctly

##### Parameters

<i>login</i>	This is the login name of the user
<i>password</i>	This is the password for the login
<i>isSuperUser</i>	This is true if the user is a Superuser or false if not

##### Returns

IDB Returns the registered user in the database

##### Exceptions

<i>RemoteException</i>	
------------------------	--

See also

[es.deusto.server.remote.IRemote::registerUser](#)(java.lang.String, java.lang.String, boolean)

Implements [es.deusto.server.remote.IRemote](#).

Definition at line 76 of file Remote.java.

#### 6.13.3.12 showGamesInStore()

```
List<Game> es.deusto.server.remote.Remote.showGamesInStore ( ) throws RemoteException
```

This method shows all the games available in the store

**Parameters**

<i>unused</i>	
---------------	--

**Returns**

List Returns a list of games stored in the database

**Exceptions**

<i>RemoteException</i>	
------------------------	--

**See also**

[es.deusto.server.remote.IRemote::showGamesInStore\(\)](#)

Implements [es.deusto.server.remote.IRemote](#).

Definition at line 119 of file Remote.java.

**6.13.3.13 showOwnedGames()**

```
List<Game> es.deusto.server.remote.Remote.showOwnedGames (
    String username ) throws RemoteException
```

This method shows all the games a user owns

**Parameters**

<i>username</i>	This is the name of the user
-----------------	------------------------------

**Returns**

List Returns a list of games stored in the database

**Exceptions**

<i>RemoteException</i>	
------------------------	--

**See also**

[es.deusto.server.remote.IRemote::showOwnedGames\(java.lang.String\)](#)

Implements [es.deusto.server.remote.IRemote](#).

Definition at line 183 of file Remote.java.

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



- C:/Users/Marta/SPQ09/Lurrun/src/main/java/es/deusto/server/remote/[Remote.java](#)

## 6.14 es.deusto.server.Server Class Reference

### Static Public Member Functions

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

#### 6.14.1 Detailed Description

Definition at line 18 of file Server.java.

#### 6.14.2 Member Function Documentation

##### 6.14.2.1 basicData()

```
static void es.deusto.server.Server.basicData ( ) [static]
```

Definition at line 21 of file Server.java.

##### 6.14.2.2 main()

```
static void es.deusto.server.Server.main (
    String [] args ) [static]
```

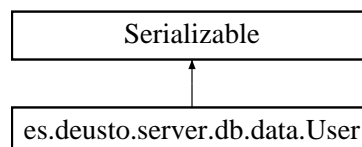
Definition at line 55 of file Server.java.

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

- C:/Users/Marta/SPQ09/Lurrun/src/main/java/es/deusto/server/[Server.java](#)

## 6.15 es.deusto.server.db.data.User Class Reference

Inheritance diagram for es.deusto.server.db.data.User:



## Public Member Functions

- [User](#) (String login, String password, boolean isSuperuser)
- boolean [getSuperuser](#) ()
- void [setSuperuser](#) (boolean isSuperuser)
- [User](#) (String login, String password)
- void [addLicense](#) ([License](#) license)
- void [removeLicense](#) ([License](#) license)
- List< [License](#) > [getLicenses](#) ()
- String [getLogin](#) ()
- String [getPassword](#) ()
- double [getMoney](#) ()
- void [setMoney](#) (double money)
- boolean [compareUserTo](#) ([User](#) u2)
- String [toString](#) ()

### 6.15.1 Detailed Description

Definition at line 13 of file User.java.

### 6.15.2 Constructor & Destructor Documentation

#### 6.15.2.1 [User\(\)](#) [1/2]

```
es.deusto.server.db.data.User.User (
    String login,
    String password,
    boolean isSuperuser )
```

Definition at line 25 of file User.java.

#### 6.15.2.2 [User\(\)](#) [2/2]

```
es.deusto.server.db.data.User.User (
    String login,
    String password )
```

Definition at line 41 of file User.java.

### 6.15.3 Member Function Documentation

#### 6.15.3.1 addLicense()

```
void es.deusto.server.db.data.User.addLicense (
    License license )
```

Definition at line 46 of file User.java.

#### 6.15.3.2 compareUserTo()

```
boolean es.deusto.server.db.data.User.compareUserTo (
    User u2 )
```

Definition at line 75 of file User.java.

#### 6.15.3.3 getLicenses()

```
List<License> es.deusto.server.db.data.User.getLicenses ( )
```

Definition at line 54 of file User.java.

#### 6.15.3.4 getLogin()

```
String es.deusto.server.db.data.User.getLogin ( )
```

Definition at line 59 of file User.java.

#### 6.15.3.5 getMoney()

```
double es.deusto.server.db.data.User.getMoney ( )
```

Definition at line 67 of file User.java.

#### 6.15.3.6 getPassword()

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

Definition at line 63 of file User.java.

#### 6.15.3.7 getSuperuser()

```
boolean es.deusto.server.db.data.User.getSuperuser ( )
```

Definition at line 33 of file User.java.

#### 6.15.3.8 removeLicense()

```
void es.deusto.server.db.data.User.removeLicense (
    License license )
```

Definition at line 50 of file User.java.

#### 6.15.3.9 setMoney()

```
void es.deusto.server.db.data.User.setMoney (
    double money )
```

Definition at line 71 of file User.java.

#### 6.15.3.10 setSuperuser()

```
void es.deusto.server.db.data.User.setSuperuser (
    boolean isSuperuser )
```

Definition at line 37 of file User.java.

#### 6.15.3.11 toString()

```
String es.deusto.server.db.data.User.toString ( )
```

Definition at line 84 of file User.java.

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

- C:/Users/Marta/SPQ09/Lurrun/src/main/java/es/deusto/server/db/data/[User.java](#)

## Chapter 7

# File Documentation

### 7.1 C:/Users/Marta/SPQ09/Lurrun/src/main/java/es/deusto/client/Client.java File Reference

#### Classes

- class [es.deusto.client.Client](#)

#### Packages

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

### 7.2 C:/Users/Marta/SPQ09/Lurrun/src/main/java/es/deusto/server/db/dao/DAO.java File Reference

#### Classes

- class [es.deusto.server.db.dao.DAO](#)

#### Packages

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

### 7.3 C:/Users/Marta/SPQ09/Lurrun/src/main/java/es/deusto/server/db/dao/IDAO.java File Reference

#### Classes

- interface [es.deusto.server.db.dao.IDAO](#)

## Packages

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

## 7.4 C:/Users/Marta/SPQ09/Lurrun/src/main/java/es/deusto/server/db/data/Company.java File Reference

### Classes

- class [es.deusto.server.db.data.Company](#)

## Packages

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

## 7.5 C:/Users/Marta/SPQ09/Lurrun/src/main/java/es/deusto/server/db/data/Game.java File Reference

### Classes

- class [es.deusto.server.db.data.Game](#)

## Packages

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

## 7.6 C:/Users/Marta/SPQ09/Lurrun/src/main/java/es/deusto/server/db/data/Genre.java File Reference

### Classes

- class [es.deusto.server.db.data.Genre](#)

## Packages

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

## 7.7 C:/Users/Marta/SPQ09/Lurrun/src/main/java/es/deusto/server/db/data/License.java File Reference

### Classes

- class [es.deusto.server.db.data.License](#)

### Packages

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

## 7.8 C:/Users/Marta/SPQ09/Lurrun/src/main/java/es/deusto/server/db/data/User.java File Reference

### Classes

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

### Packages

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

## 7.9 C:/Users/Marta/SPQ09/Lurrun/src/main/java/es/deusto/server/db/DB.java File Reference

### Classes

- class [es.deusto.server.db.DB](#)

### Packages

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

## 7.10 C:/Users/Marta/SPQ09/Lurrun/src/main/java/es/deusto/server/db/IDB.java File Reference

### Classes

- interface [es.deusto.server.db.IDB](#)

### Packages

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

## 7.11 C:/Users/Marta/SPQ09/Lurrun/src/main/java/es/deusto/server/remote/IRemote.java File Reference

### Classes

- interface [es.deusto.server.remote.IRemote](#)

## Packages

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

## 7.12 C:/Users/Marta/SPQ09/Lurrun/src/main/java/es/deusto/server/remote/Remote.java File Reference

### Classes

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

## Packages

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

## 7.13 C:/Users/Marta/SPQ09/Lurrun/src/main/java/es/deusto/server/Server.java File Reference

### Classes

- class [es.deusto.server.Server](#)

## Packages

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

## 7.14 C:/Users/Marta/SPQ09/Lurrun/src/test/java/es/deusto/server/ContiPerfTest.java File Reference

### Classes

- class [es.deusto.server.ContiPerfTest](#)

## Packages

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

## 7.15 C:/Users/Marta/SPQ09/Lurrun/src/test/java/es/deusto/server/DAOMockTest.java File Reference

### Classes

- class [es.deusto.server.DAOMockTest](#)

## Packages

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

## 7.16 C:/Users/Marta/SPQ09/Lurrun/src/test/java/es/deusto/server/RMITest.java File Reference



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