Doxygen Documentation

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Contents

1 Namespace Index **1**

1.1 Packages 1

2 Hierarchical Index **3**

2.1 Class Hierarchy 3

3 Class Index **5**

3.1 Class List 5

4 File Index **7**

4.1 File List 7

5 Namespace Documentation **9**

5.1 Package es 9

5.2 Package es.deusto 9

5.3 Package es.deusto.client 9

5.4 Package es.deusto.server 9

5.5 Package es.deusto.server.db 10

5.6 Package es.deusto.server.db.dao 10

5.7 Package es.deusto.server.db.data 10

5.8 Package es.deusto.server.remote 10

6 Class Documentation **11**

6.1 es.deusto.client.Client Class Reference . . . 11

6.1.1 Detailed Description . . . 11

6.1.2 Member Function Documentation . . . 11

6.1.2.1 main() . . . 11

6.2 es.deusto.server.db.data.Company Class Reference . . . 11

6.2.1 Detailed Description . . . 12

6.2.2 Constructor & Destructor Documentation . . . 12

6.2.2.1 Company() [1/2] . . . 12

6.2.2.2 Company() [2/2] . . . 12

6.2.3 Member Function Documentation . . . 12

6.2.3.1 addGame() . . . 13

6.2.3.2 getCompanyGames() . . . 13

6.2.3.3 getName() . . . 13

6.2.3.4 removeGame() . . . 13

6.2.3.5 setCompanyGames() . . . 13

6.2.3.6 setName() . . . 13

6.2.3.7 toString() . . . 14

6.2.4 Member Data Documentation . . . 14

6.2.4.1 name . . . 14

6.3 es.deusto.server.db.dao.DAO Class Reference . . . 14

6.3.1 Detailed Description . . . 15

6.3.2 Constructor & Destructor Documentation . . . 15

6.3.2.1 DAO() . . . 15

6.3.3 Member Function Documentation . . . 15

6.3.3.1 getAllGames() . . . 15

6.3.3.2 getAllUsers() . . . 15

6.3.3.3 getFirstLicense() . . . 15

6.3.3.4 retrieveCompany() . . . 16

6.3.3.5 retrieveCompanyByParameter() . . . 16

6.3.3.6 retrieveGame() . . . 16
6.3.3.7 retrieveGameByParameter() . . . 16
6.3.3.8 retrieveGenre() . . . 16
6.3.3.9 retrieveGenreByParameter() . . . 17
6.3.3.10 retrieveLicense() . . . 17
6.3.3.11 retrieveUser() . . . 17
6.3.3.12 storeGame() . . . 17
6.3.3.13 storeUser() . . . 17
6.3.3.14 updateCompany() . . . 18
6.3.3.15 updateGame() . . . 18
6.3.3.16 updateGenre() . . . 18
6.3.3.17 updateLicense() . . . 18
6.3.3.18 updateUser() . . . 18
6.4 es.deusto.server.db.DB Class Reference . . . 19
6.4.1 Detailed Description . . . 19
6.4.2 Constructor & Destructor Documentation . . . 19
6.4.2.1 DB() [1/2] . . . 19
6.4.2.2 DB() [2/2] . . . 20
6.4.3 Member Function Documentation . . . 20
6.4.3.1 addGameToDb() . . . 20
6.4.3.2 addLicenseToGame() . . . 20
6.4.3.3 addLicenseToUser() . . . 20
6.4.3.4 buyGame() . . . 21
6.4.3.5 getAllGames() . . . 21
6.4.3.6 getAllUsers() . . . 21
6.4.3.7 getUserGames() . . . 21
6.4.3.8 registerUser() . . . 21
6.4.3.9 showCompany() . . . 22
6.4.3.10 showCompanyByParam() . . . 22
6.4.3.11 showGame() . . . 22

6.4.3.12 showGameByParam() . . . 22
6.4.3.13 showGenre() . . . 22
6.4.3.14 showGenreByParam() . . . 23
6.4.3.15 showLicense() . . . 23
6.4.3.16 showUser() . . . 23
6.5 es.deusto.server.db.data.Game Class Reference . . . 23
6.5.1 Detailed Description . . . 24
6.5.2 Constructor & Destructor Documentation . . . 24
6.5.2.1 Game() [1/2] . . . 24
6.5.2.2 Game() [2/2] . . . 24
6.5.3 Member Function Documentation . . . 24
6.5.3.1 addLicense() . . . 25
6.5.3.2 getCompany() . . . 25
6.5.3.3 getDiscount() . . . 25
6.5.3.4 getGenre() . . . 25
6.5.3.5 getLicenses() . . . 25
6.5.3.6 getName() . . . 25
6.5.3.7 getPrice() . . . 26
6.5.3.8 removeLicense() . . . 26
6.5.3.9 setCompany() . . . 26
6.5.3.10 setDiscount() . . . 26
6.5.3.11 setGenre() . . . 26
6.5.3.12 setName() . . . 26
6.5.3.13 setPrice() . . . 27
6.5.3.14 toString() . . . 27
6.6 es.deusto.server.db.data.Genre Class Reference . . . 27
6.6.1 Detailed Description . . . 27
6.6.2 Constructor & Destructor Documentation . . . 27
6.6.2.1 Genre() . . . 28
6.6.3 Member Function Documentation . . . 28

6.6.3.1 addGame() . . . 28
6.6.3.2 getGenreGames() . . . 28
6.6.3.3 getName() . . . 28
6.6.3.4 removeGame() . . . 28
6.6.3.5 setGenreGames() . . . 29
6.6.3.6 setName() . . . 29
6.6.3.7 toString() . . . 29
6.7 es.deusto.server.db.dao.IDAO Interface Reference . . . 29
6.7.1 Detailed Description . . . 30
6.7.2 Member Function Documentation . . . 30
6.7.2.1 getAllGames() . . . 30
6.7.2.2 getAllUsers() . . . 30
6.7.2.3 getFirstLicense() . . . 30
6.7.2.4 retrieveCompany() . . . 30
6.7.2.5 retrieveCompanyByParameter() . . . 30
6.7.2.6 retrieveGame() . . . 31
6.7.2.7 retrieveGameByParameter() . . . 31
6.7.2.8 retrieveGenre() . . . 31
6.7.2.9 retrieveGenreByParameter() . . . 31
6.7.2.10 retrieveLicense() . . . 31
6.7.2.11 retrieveUser() . . . 31
6.7.2.12 storeGame() . . . 32
6.7.2.13 storeUser() . . . 32
6.7.2.14 updateCompany() . . . 32
6.7.2.15 updateGame() . . . 32
6.7.2.16 updateGenre() . . . 32
6.7.2.17 updateLicense() . . . 32
6.7.2.18 updateUser() . . . 33
6.8 es.deusto.server.db.IDB Interface Reference . . . 33
6.8.1 Detailed Description . . . 33

6.8.2 Member Function Documentation . . . 33
6.8.2.1 addGameToDb() . . . 34
6.8.2.2 addLicenseToGame() . . . 34
6.8.2.3 addLicenseToUser() . . . 34
6.8.2.4 buyGame() . . . 34
6.8.2.5 getAllGames() . . . 34
6.8.2.6 getAllUsers() . . . 35
6.8.2.7 getUserGames() . . . 35
6.8.2.8 registerUser() . . . 35
6.8.2.9 showCompany() . . . 35
6.8.2.10 showCompanyByParam() . . . 35
6.8.2.11 showGame() . . . 35
6.8.2.12 showGameByParam() . . . 36
6.8.2.13 showGenre() . . . 36
6.8.2.14 showGenreByParam() . . . 36
6.8.2.15 showLicense() . . . 36
6.8.2.16 showUser() . . . 36
6.9 es.deusto.server.remote.IRemote Interface Reference . . . 37
6.9.1 Detailed Description . . . 37
6.9.2 Member Function Documentation . . . 37
6.9.2.1 addGame() . . . 37
6.9.2.2 buyGame() . . . 37
6.9.2.3 buyGameTest() . . . 38
6.9.2.4 gameTest() . . . 38
6.9.2.5 getAllUsers() . . . 38
6.9.2.6 getUser() . . . 38
6.9.2.7 licenseTest() . . . 38
6.9.2.8 registerUser() . . . 38
6.9.2.9 showGamesInStore() . . . 39
6.9.2.10 showOwnedGames() . . . 39

6.10 es.deusto.server.db.data.License Class Reference . . . 39
6.10.1 Detailed Description . . . 39
6.10.2 Constructor & Destructor Documentation . . . 40
6.10.2.1 License() [1/3] . . . 40
6.10.2.2 License() [2/3] . . . 40
6.10.2.3 License() [3/3] . . . 40
6.10.3 Member Function Documentation . . . 40
6.10.3.1 getGame() . . . 40
6.10.3.2 getGameKey() . . . 40
6.10.3.3 getUser() . . . 41
6.10.3.4 isUsed() . . . 41
6.10.3.5 setGame() . . . 41
6.10.3.6 setGameKey() . . . 41
6.10.3.7 setUsed() . . . 41
6.10.3.8 setUser() . . . 41
6.10.3.9 toString() . . . 42
6.11 es.deusto.server.remote.Remote Class Reference . . . 42
6.11.1 Detailed Description . . . 42
6.11.2 Constructor & Destructor Documentation . . . 42
6.11.2.1 Remote() . . . 43
6.11.3 Member Function Documentation . . . 43
6.11.3.1 addGame() . . . 43
6.11.3.2 buyGame() . . . 43
6.11.3.3 buyGameTest() . . . 43
6.11.3.4 finalize() . . . 43
6.11.3.5 gameTest() . . . 44
6.11.3.6 getAllUsers() . . . 44
6.11.3.7 getUser() . . . 44
6.11.3.8 licenseTest() . . . 44
6.11.3.9 registerUser() . . . 44

6.11.3.10 showGamesInStore() . . . 45
6.11.3.11 showOwnedGames() . . . 45
6.12 es.deusto.server.Server Class Reference . . . 45
6.12.1 Detailed Description . . . 45
6.12.2 Member Function Documentation . . . 45
6.12.2.1 addStuff() . . . 45
6.12.2.2 main() . . . 46
6.13 es.deusto.server.db.data.User Class Reference . . . 46
6.13.1 Detailed Description . . . 46
6.13.2 Constructor & Destructor Documentation . . . 46
6.13.2.1 User() [1/2] . . . 47
6.13.2.2 User() [2/2] . . . 47
6.13.3 Member Function Documentation . . . 47
6.13.3.1 addLicense() . . . 47
6.13.3.2 getLicenses() . . . 47
6.13.3.3 getLogin() . . . 47
6.13.3.4 getPassword() . . . 48
6.13.3.5 getSuperuser() . . . 48
6.13.3.6 removeLicense() . . . 48
6.13.3.7 setPassword() . . . 48
6.13.3.8 setSuperuser() . . . 48
6.13.3.9 toString() . . . 48

7 File Documentation **49**

7.1 C:/Users/Carazo_laptop/git/SPQ09/Lurrun/src/main/java/es/deusto/client/Client.java File Reference 49

7.2 C:/Users/Carazo_laptop/git/SPQ09/Lurrun/src/main/java/es/deusto/server/db/dao/DAO.java File Reference 49

7.3 C:/Users/Carazo_laptop/git/SPQ09/Lurrun/src/main/java/es/deusto/server/db/dao/IDAO.java File Reference 49

7.4 C:/Users/Carazo_laptop/git/SPQ09/Lurrun/src/main/java/es/deusto/server/db/data/Company.java File Reference 50

7.5 C:/Users/Carazo_laptop/git/SPQ09/Lurrun/src/main/java/es/deusto/server/db/data/Game.java File Reference 50

7.6 C:/Users/Carazo_laptop/git/SPQ09/Lurrun/src/main/java/es/deusto/server/db/data/Genre.java File Reference 50

7.7 C:/Users/Carazo_laptop/git/SPQ09/Lurrun/src/main/java/es/deusto/server/db/data/License.java File Reference 50

7.8 C:/Users/Carazo_laptop/git/SPQ09/Lurrun/src/main/java/es/deusto/server/db/data/User.java File Reference 51

7.9 C:/Users/Carazo_laptop/git/SPQ09/Lurrun/src/main/java/es/deusto/server/db/DB.java File Reference 51

7.10 C:/Users/Carazo_laptop/git/SPQ09/Lurrun/src/main/java/es/deusto/server/db/IDB.java File Reference 51

7.11 C:/Users/Carazo_laptop/git/SPQ09/Lurrun/src/main/java/es/deusto/server/remote/IRemote.java File Reference 51

7.12 C:/Users/Carazo_laptop/git/SPQ09/Lurrun/src/main/java/es/deusto/server/remote/Remote.java File Reference 52

7.13 C:/Users/Carazo_laptop/git/SPQ09/Lurrun/src/main/java/es/deusto/server/Server.java File Reference 52

Index **53**

Chapter 1

Namespace Index

1.1 Packages

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

es 9
es.deusto 9
es.deusto.client 9
es.deusto.server 9
es.deusto.server.db 10
es.deusto.server.db.dao 10
es.deusto.server.db.data 10
es.deusto.server.remote 10

Chapter 2

Hierarchical Index

2.1 Class Hierarchy

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

es.deusto.client.Client 11
es.deusto.server.db.dao.IDAO 29
  es.deusto.server.db.dao.DAO 14
es.deusto.server.db.IDB 33
  es.deusto.server.db.DB 19
es.deusto.server.remote.IRemote 37
  es.deusto.server.remote.Remote 42
es.deusto.server.Server 45
Serializable
  es.deusto.server.db.data.Company 11
  es.deusto.server.db.data.Game 23
  es.deusto.server.db.data.Genre 27
  es.deusto.server.db.data.License 39
  es.deusto.server.db.data.User 46
UnicastRemoteObject
  es.deusto.server.remote.Remote 42

Chapter 3

Class Index

3.1 Class List

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

es.deusto.client.Client 11
es.deusto.server.db.data.Company 11
es.deusto.server.db.dao.DAO 14
es.deusto.server.db.DB 19
es.deusto.server.db.data.Game 23
es.deusto.server.db.data.Genre 27
es.deusto.server.db.dao.IDAO 29
es.deusto.server.db.IDB 33
es.deusto.server.remote.IRemote 37
es.deusto.server.db.data.License 39
es.deusto.server.remote.Remote 42
es.deusto.server.Server 45
es.deusto.server.db.data.User 46

Chapter 4

File Index

4.1 File List

Here is a list of all files with brief descriptions:

C:/Users/Carazo_laptop/git/SPQ09/Lurrun/src/main/java/es/deusto/client/Client.java 49
C:/Users/Carazo_laptop/git/SPQ09/Lurrun/src/main/java/es/deusto/server/Server.java 52
C:/Users/Carazo_laptop/git/SPQ09/Lurrun/src/main/java/es/deusto/server/db/DB.java 51
C:/Users/Carazo_laptop/git/SPQ09/Lurrun/src/main/java/es/deusto/server/db/IDB.java 51
C:/Users/Carazo_laptop/git/SPQ09/Lurrun/src/main/java/es/deusto/server/db/dao/DAO.java 49
C:/Users/Carazo_laptop/git/SPQ09/Lurrun/src/main/java/es/deusto/server/db/dao/IDAO.java 49
C:/Users/Carazo_laptop/git/SPQ09/Lurrun/src/main/java/es/deusto/server/db/data/Company.java 50
C:/Users/Carazo_laptop/git/SPQ09/Lurrun/src/main/java/es/deusto/server/db/data/Game.java 50
C:/Users/Carazo_laptop/git/SPQ09/Lurrun/src/main/java/es/deusto/server/db/data/Genre.java 50
C:/Users/Carazo_laptop/git/SPQ09/Lurrun/src/main/java/es/deusto/server/db/data/License.java 50
C:/Users/Carazo_laptop/git/SPQ09/Lurrun/src/main/java/es/deusto/server/db/data/User.java 51
C:/Users/Carazo_laptop/git/SPQ09/Lurrun/src/main/java/es/deusto/server/remote/IRemote.java 51
C:/Users/Carazo_laptop/git/SPQ09/Lurrun/src/main/java/es/deusto/server/remote/Remote.java 52

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 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]
```

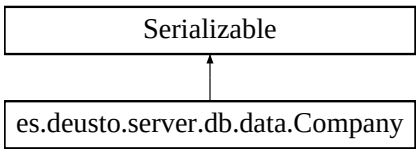
Definition at line 76 of file Client.java.

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

- C:/Users/Carazo_laptop/git/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

- List< Game > getCompanyGames ()
- void setCompanyGames (List< Game > companyGames)
- void addGame (Game game)
- void removeGame (Game game)
- Company (String name)
- String getName ()
- void setName (String name)
- String toString ()

Protected Member Functions

- Company ()

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() [1/2]

```
es.deusto.server.db.data.Company.Company ( )  [protected]
```

Definition at line 43 of file Company.java.

6.2.2.2 Company() [2/2]

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

Definition at line 62 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 54 of file Company.java.

6.2.3.2 getCompanyGames()

```
List<Game> es.deusto.server.db.data.Company.getCompanyGames ( )
```

Definition at line 46 of file Company.java.

6.2.3.3 getName()

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

Definition at line 68 of file Company.java.

6.2.3.4 removeGame()

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

Definition at line 58 of file Company.java.

6.2.3.5 setCompanyGames()

```
void es.deusto.server.db.data.Company.setCompanyGames (
            List< Game > companyGames )
```

Definition at line 50 of file Company.java.

6.2.3.6 setName()

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

Definition at line 73 of file Company.java.

6.2.3.7 toString()

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

Definition at line 79 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]
```

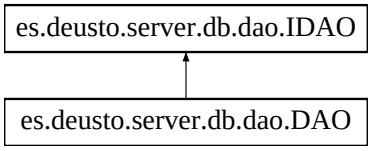
Definition at line 37 of file Company.java.

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

- C:/Users/Carazo_laptop/git/SPQ09/Lurrun/src/main/java/es/deusto/server/db/data/Company.java

6.3 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)
- Game retrieveGameByParameter (String name)
- boolean updateGame (Game g)
- Company retrieveCompanyByParameter (String name)
- boolean updateCompany (Company c)
- Genre retrieveGenreByParameter (String name)
- boolean updateGenre (Genre g)
- List< Game > getAllGames ()
- List< User > getAllUsers ()
- License getFirstLicense (String name)
- Genre retrieveGenre (String name)
- Game retrieveGame (String name)
- Company retrieveCompany (String name)
- License retrieveLicense (String gameKey)

6.3.1 Detailed Description

Definition at line 16 of file DAO.java.

6.3.2 Constructor & Destructor Documentation

6.3.2.1 DAO()

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

Definition at line 20 of file DAO.java.

6.3.3 Member Function Documentation

6.3.3.1 getAllGames()

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

Implements es.deusto.server.db.dao.IDAO.

Definition at line 300 of file DAO.java.

6.3.3.2 getAllUsers()

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

Implements es.deusto.server.db.dao.IDAO.

Definition at line 334 of file DAO.java.

6.3.3.3 getFirstLicense()

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

Implements es.deusto.server.db.dao.IDAO.

Definition at line 367 of file DAO.java.

6.3.3.4 retrieveCompany()

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

Implements es.deusto.server.db.dao.IDAO.

Definition at line 451 of file DAO.java.

6.3.3.5 retrieveCompanyByParameter()

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

Implements es.deusto.server.db.dao.IDAO.

Definition at line 197 of file DAO.java.

6.3.3.6 retrieveGame()

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

Implements es.deusto.server.db.dao.IDAO.

Definition at line 426 of file DAO.java.

6.3.3.7 retrieveGameByParameter()

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

Implements es.deusto.server.db.dao.IDAO.

Definition at line 144 of file DAO.java.

6.3.3.8 retrieveGenre()

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

Implements es.deusto.server.db.dao.IDAO.

Definition at line 401 of file DAO.java.

6.3.3.9 retrieveGenreByParameter()

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

Implements es.deusto.server.db.dao.IDAO.

Definition at line 249 of file DAO.java.

6.3.3.10 retrieveLicense()

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

Implements es.deusto.server.db.dao.IDAO.

Definition at line 476 of file DAO.java.

6.3.3.11 retrieveUser()

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

Implements es.deusto.server.db.dao.IDAO.

Definition at line 75 of file DAO.java.

6.3.3.12 storeGame()

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

Implements es.deusto.server.db.dao.IDAO.

Definition at line 122 of file DAO.java.

6.3.3.13 storeUser()

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

SOME stuff about the dao

Implements es.deusto.server.db.dao.IDAO.

Definition at line 27 of file DAO.java.

6.3.3.14 updateCompany()

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

Implements es.deusto.server.db.dao.IDAO.

Definition at line 226 of file DAO.java.

6.3.3.15 updateGame()

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

Implements es.deusto.server.db.dao.IDAO.

Definition at line 174 of file DAO.java.

6.3.3.16 updateGenre()

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

Implements es.deusto.server.db.dao.IDAO.

Definition at line 279 of file DAO.java.

6.3.3.17 updateLicense()

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

Implements es.deusto.server.db.dao.IDAO.

Definition at line 53 of file DAO.java.

6.3.3.18 updateUser()

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

Implements es.deusto.server.db.dao.IDAO.

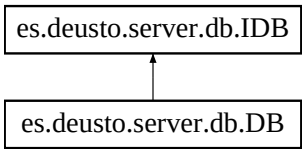
Definition at line 101 of file DAO.java.

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

- C:/Users/Carazo_laptop/git/SPQ09/Lurrun/src/main/java/es/deusto/server/db/dao/DAO.java

6.4 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)
- boolean buyGame (String username, String name)
- boolean registerUser (User u)
- boolean addGameToDb (Game g, Genre gg, Company c)
- boolean addLicenseToGame (Game g, License l)
- boolean addLicenseToUser (User u, License l)
- Game showGame (String name)
- Genre showGenre (String name)
- Company showCompany (String name)
- License showLicense (String gameKey)
- User showUser (String login)
- List< Game > getAllGames ()
- List< User > getAllUsers ()
- Game showGameByParam (String name)
- Company showCompanyByParam (String name)
- Genre showGenreByParam (String name)

6.4.1 Detailed Description

Definition at line 17 of file DB.java.

6.4.2 Constructor & Destructor Documentation

6.4.2.1 DB() [1/2]

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

Definition at line 23 of file DB.java.

6.4.2.2 DB() [2/2]

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

Definition at line 29 of file DB.java.

6.4.3 Member Function Documentation

6.4.3.1 addGameToDb()

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

Implements es.deusto.server.db.IDB.

Definition at line 86 of file DB.java.

6.4.3.2 addLicenseToGame()

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

Implements es.deusto.server.db.IDB.

Definition at line 160 of file DB.java.

6.4.3.3 addLicenseToUser()

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

Implements es.deusto.server.db.IDB.

Definition at line 189 of file DB.java.

6.4.3.4 buyGame()

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

Implements es.deusto.server.db.IDB.

Definition at line 44 of file DB.java.

6.4.3.5 getAllGames()

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

Implements es.deusto.server.db.IDB.

Definition at line 244 of file DB.java.

6.4.3.6 getAllUsers()

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

Implements es.deusto.server.db.IDB.

Definition at line 248 of file DB.java.

6.4.3.7 getUserGames()

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

Implements es.deusto.server.db.IDB.

Definition at line 35 of file DB.java.

6.4.3.8 registerUser()

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

Implements es.deusto.server.db.IDB.

Definition at line 58 of file DB.java.

6.4.3.9 showCompany()

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

Implements es.deusto.server.db.IDB.

Definition at line 227 of file DB.java.

6.4.3.10 showCompanyByParam()

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

Implements es.deusto.server.db.IDB.

Definition at line 261 of file DB.java.

6.4.3.11 showGame()

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

Implements es.deusto.server.db.IDB.

Definition at line 216 of file DB.java.

6.4.3.12 showGameByParam()

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

Implements es.deusto.server.db.IDB.

Definition at line 254 of file DB.java.

6.4.3.13 showGenre()

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

Implements es.deusto.server.db.IDB.

Definition at line 222 of file DB.java.

6.4.3.14 showGenreByParam()

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

Implements es.deusto.server.db.IDB.

Definition at line 268 of file DB.java.

6.4.3.15 showLicense()

```
License es.deusto.server.db.DB.showLicense (
            String gameKey )
```

Implements es.deusto.server.db.IDB.

Definition at line 232 of file DB.java.

6.4.3.16 showUser()

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

Implements es.deusto.server.db.IDB.

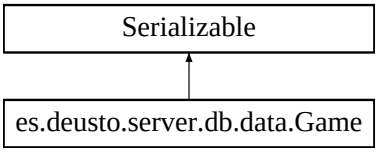
Definition at line 238 of file DB.java.

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

- C:/Users/Carazo_laptop/git/SPQ09/Lurrun/src/main/java/es/deusto/server/db/DB.java

6.5 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)
- Game ()
- String toString ()
- Genre getGenre ()
- void setGenre (Genre genre)
- Company getCompany ()
- void setCompany (Company company)
- String getName ()
- void setName (String name)
- double getPrice ()
- void setPrice (double price)
- double getDiscount ()
- void setDiscount (double discount)
- void addLicense (License license)
- void removeLicense (License license)
- List< License > getLicenses ()

6.5.1 Detailed Description

Definition at line 19 of file Game.java.

6.5.2 Constructor & Destructor Documentation

6.5.2.1 Game() [1/2]

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

Definition at line 40 of file Game.java.

6.5.2.2 Game() [2/2]

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

Definition at line 47 of file Game.java.

6.5.3 Member Function Documentation

6.5.3.1 addLicense()

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

Definition at line 100 of file Game.java.

6.5.3.2 getCompany()

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

Definition at line 75 of file Game.java.

6.5.3.3 getDiscount()

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

Definition at line 93 of file Game.java.

6.5.3.4 getGenre()

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

Definition at line 69 of file Game.java.

6.5.3.5 getLicenses()

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

Definition at line 108 of file Game.java.

6.5.3.6 getName()

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

Definition at line 81 of file Game.java.

6.5.3.7 getPrice()

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

Definition at line 87 of file Game.java.

6.5.3.8 removeLicense()

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

Definition at line 104 of file Game.java.

6.5.3.9 setCompany()

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

Definition at line 78 of file Game.java.

6.5.3.10 setDiscount()

```
void es.deusto.server.db.data.Game.setDiscount (
            double discount )
```

Definition at line 96 of file Game.java.

6.5.3.11 setGenre()

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

Definition at line 72 of file Game.java.

6.5.3.12 setName()

```
void es.deusto.server.db.data.Game.setName (
            String name )
```

Definition at line 84 of file Game.java.

6.5.3.13 setPrice()

```
void es.deusto.server.db.data.Game.setPrice (
            double price )
```

Definition at line 90 of file Game.java.

6.5.3.14 toString()

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

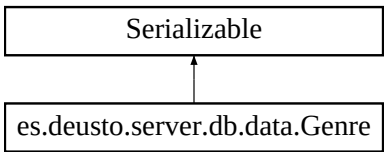
Definition at line 52 of file Game.java.

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

- C:/Users/Carazo_laptop/git/SPQ09/Lurrun/src/main/java/es/deusto/server/db/data/Game.java

6.6 es.deusto.server.db.data.Genre Class Reference

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



Public Member Functions

- Genre (String name)
- void addGame (Game game)
- List< Game > getGenreGames ()
- void setGenreGames (List< Game > genreGames)
- void removeGame (Game game)
- String getName ()
- String toString ()
- void setName (String name)

6.6.1 Detailed Description

Definition at line 14 of file Genre.java.

6.6.2 Constructor & Destructor Documentation

6.6.2.1 Genre()

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

Definition at line 25 of file Genre.java.

6.6.3 Member Function Documentation

6.6.3.1 addGame()

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

Definition at line 30 of file Genre.java.

6.6.3.2 getGenreGames()

```
List<Game> es.deusto.server.db.data.Genre.getGenreGames ( )
```

Definition at line 34 of file Genre.java.

6.6.3.3 getName()

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

Definition at line 47 of file Genre.java.

6.6.3.4 removeGame()

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

Definition at line 42 of file Genre.java.

6.6.3.5 setGenreGames()

```
void es.deusto.server.db.data.Genre.setGenreGames (
             List< Game > genreGames )
```

Definition at line 38 of file Genre.java.

6.6.3.6 setName()

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

Definition at line 68 of file Genre.java.

6.6.3.7 toString()

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

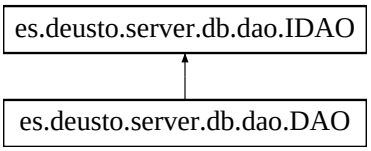
Definition at line 52 of file Genre.java.

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

- C:/Users/Carazo_laptop/git/SPQ09/Lurrun/src/main/java/es/deusto/server/db/data/Genre.java

6.7 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)
- Genre retrieveGenreByParameter (String name)
- Company retrieveCompanyByParameter (String name)
- Game retrieveGameByParameter (String name)
- List< Game > getAllGames ()
- License getFirstLicense (String name)
- List< User > getAllUsers ()

6.7.1 Detailed Description

Definition at line 6 of file IDAO.java.

6.7.2 Member Function Documentation

6.7.2.1 getAllGames()

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

Implemented in es.deusto.server.db.dao.DAO.

6.7.2.2 getAllUsers()

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

Implemented in es.deusto.server.db.dao.DAO.

6.7.2.3 getFirstLicense()

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

Implemented in es.deusto.server.db.dao.DAO.

6.7.2.4 retrieveCompany()

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

Implemented in es.deusto.server.db.dao.DAO.

6.7.2.5 retrieveCompanyByParameter()

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

Implemented in es.deusto.server.db.dao.DAO.

6.7.2.6 retrieveGame()

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

Implemented in es.deusto.server.db.dao.DAO.

6.7.2.7 retrieveGameByParameter()

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

Implemented in es.deusto.server.db.dao.DAO.

6.7.2.8 retrieveGenre()

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

Implemented in es.deusto.server.db.dao.DAO.

6.7.2.9 retrieveGenreByParameter()

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

Implemented in es.deusto.server.db.dao.DAO.

6.7.2.10 retrieveLicense()

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

Implemented in es.deusto.server.db.dao.DAO.

6.7.2.11 retrieveUser()

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

Implemented in es.deusto.server.db.dao.DAO.

6.7.2.12 storeGame()

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

Implemented in es.deusto.server.db.dao.DAO.

6.7.2.13 storeUser()

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

Implemented in es.deusto.server.db.dao.DAO.

6.7.2.14 updateCompany()

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

Implemented in es.deusto.server.db.dao.DAO.

6.7.2.15 updateGame()

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

Implemented in es.deusto.server.db.dao.DAO.

6.7.2.16 updateGenre()

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

Implemented in es.deusto.server.db.dao.DAO.

6.7.2.17 updateLicense()

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

Implemented in es.deusto.server.db.dao.DAO.

6.7.2.18 updateUser()

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

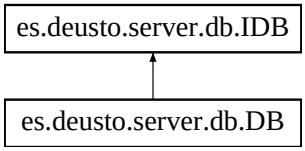
Implemented in es.deusto.server.db.dao.DAO.

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

- C:/Users/Carazo_laptop/git/SPQ09/Lurrun/src/main/java/es/deusto/server/db/dao/IDAO.java

6.8 es.deusto.server.db.IDB Interface Reference

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



Public Member Functions

- List< Game > getAllGames ()
- List< User > getAllUsers ()
- List< Game > getUserGames (String login)
- boolean buyGame (String login, String game)
- boolean registerUser (User u)
- boolean addGameToDb (Game g, Genre gg, Company c)
- boolean addLicenseToUser (User u, License l)
- boolean addLicenseToGame (Game g, License l)
- Genre showGenre (String name)
- Game showGame (String name)
- License showLicense (String gameKey)
- Company showCompany (String name)
- User showUser (String login)
- Game showGameByParam (String name)
- Company showCompanyByParam (String name)
- Genre showGenreByParam (String name)

6.8.1 Detailed Description

Definition at line 7 of file IDB.java.

6.8.2 Member Function Documentation

6.8.2.1 addGameToDb()

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

Implemented in es.deusto.server.db.DB.

6.8.2.2 addLicenseToGame()

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

Implemented in es.deusto.server.db.DB.

6.8.2.3 addLicenseToUser()

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

Implemented in es.deusto.server.db.DB.

6.8.2.4 buyGame()

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

Implemented in es.deusto.server.db.DB.

6.8.2.5 getAllGames()

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

Implemented in es.deusto.server.db.DB.

6.8.2.6 getAllUsers()

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

Implemented in es.deusto.server.db.DB.

6.8.2.7 getUserGames()

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

Implemented in es.deusto.server.db.DB.

6.8.2.8 registerUser()

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

Implemented in es.deusto.server.db.DB.

6.8.2.9 showCompany()

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

Implemented in es.deusto.server.db.DB.

6.8.2.10 showCompanyByParam()

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

Implemented in es.deusto.server.db.DB.

6.8.2.11 showGame()

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

Implemented in es.deusto.server.db.DB.

6.8.2.12 showGameByParam()

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

Implemented in es.deusto.server.db.DB.

6.8.2.13 showGenre()

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

Implemented in es.deusto.server.db.DB.

6.8.2.14 showGenreByParam()

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

Implemented in es.deusto.server.db.DB.

6.8.2.15 showLicense()

```
License es.deusto.server.db.IDB.showLicense (
            String gameKey )
```

Implemented in es.deusto.server.db.DB.

6.8.2.16 showUser()

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

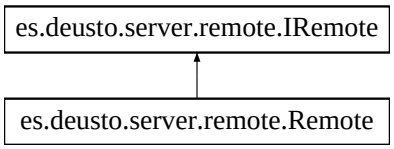
Implemented in es.deusto.server.db.DB.

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

- C:/Users/Carazo_laptop/git/SPQ09/Lurrun/src/main/java/es/deusto/server/db/IDB.java

6.9 es.deusto.server.remote.IRemote Interface Reference

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



Public Member Functions

- boolean registerUser (String login, String password, boolean isSuper) throws RemoteException
- Game gameTest () throws RemoteException
- License licenseTest () throws RemoteException
- User getUser (String login) throws RemoteException
- List< Game > showGamesInStore () throws RemoteException
- List< Game > showOwnedGames (String username) throws RemoteException
- boolean buyGame (String username, String name) throws RemoteException
- boolean buyGameTest () throws RemoteException
- boolean addGame (Game g, Genre gg, Company c) throws RemoteException
- List< User > getAllUsers () throws RemoteException

6.9.1 Detailed Description

Definition at line 9 of file IRemote.java.

6.9.2 Member Function Documentation

6.9.2.1 addGame()

```
boolean es.deusto.server.remote.IRemote.addGame (
            Game g,
            Genre gg,
            Company c ) throws RemoteException
```

Implemented in es.deusto.server.remote.Remote.

6.9.2.2 buyGame()

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

Implemented in es.deusto.server.remote.Remote.

6.9.2.3 buyGameTest()

```
boolean es.deusto.server.remote.IRemote.buyGameTest ( ) throws RemoteException
```

Implemented in es.deusto.server.remote.Remote.

6.9.2.4 gameTest()

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

Implemented in es.deusto.server.remote.Remote.

6.9.2.5 getAllUsers()

```
List<User> es.deusto.server.remote.IRemote.getAllUsers ( ) throws RemoteException
```

Implemented in es.deusto.server.remote.Remote.

6.9.2.6 getUser()

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

Implemented in es.deusto.server.remote.Remote.

6.9.2.7 licenseTest()

```
License es.deusto.server.remote.IRemote.licenseTest ( ) throws RemoteException
```

Implemented in es.deusto.server.remote.Remote.

6.9.2.8 registerUser()

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

Implemented in es.deusto.server.remote.Remote.

6.9.2.9 showGamesInStore()

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

Implemented in es.deusto.server.remote.Remote.

6.9.2.10 showOwnedGames()

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

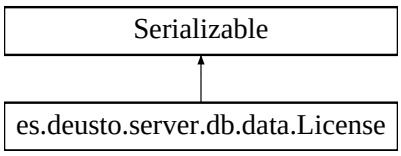
Implemented in es.deusto.server.remote.Remote.

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

- C:/Users/Carazo_laptop/git/SPQ09/Lurrun/src/main/java/es/deusto/server/remote/IRemote.java

6.10 es.deusto.server.db.data.License Class Reference

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



Public Member Functions

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

6.10.1 Detailed Description

Definition at line 9 of file License.java.

6.10.2 Constructor & Destructor Documentation

6.10.2.1 License() [1/3]

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

Definition at line 30 of file License.java.

6.10.2.2 License() [2/3]

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

Definition at line 57 of file License.java.

6.10.2.3 License() [3/3]

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

Definition at line 61 of file License.java.

6.10.3 Member Function Documentation

6.10.3.1 getGame()

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

Definition at line 45 of file License.java.

6.10.3.2 getGameKey()

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

Definition at line 39 of file License.java.

6.10.3.3 getUser()

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

Definition at line 51 of file License.java.

6.10.3.4 isUsed()

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

Definition at line 24 of file License.java.

6.10.3.5 setGame()

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

Definition at line 48 of file License.java.

6.10.3.6 setGameKey()

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

Definition at line 42 of file License.java.

6.10.3.7 setUsed()

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

Definition at line 27 of file License.java.

6.10.3.8 setUser()

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

Definition at line 54 of file License.java.

6.10.3.9 toString()

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

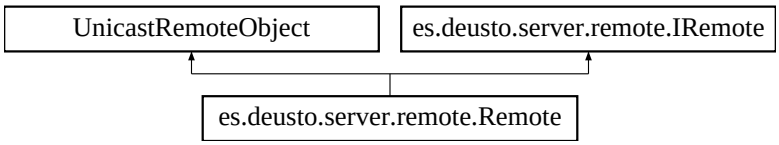
Definition at line 36 of file License.java.

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

- C:/Users/Carazo_laptop/git/SPQ09/Lurrun/src/main/java/es/deusto/server/db/data/License.java

6.11 es.deusto.server.remote.Remote Class Reference

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



Public Member Functions

- Remote () throws RemoteException
- boolean registerUser (String login, String password, boolean isSuperUser) throws RemoteException
- Game gameTest () throws RemoteException
- License licenseTest ()
- boolean buyGameTest ()
- List< Game > showGamesInStore () throws RemoteException
- User getUser (String login) throws RemoteException
- List< Game > showOwnedGames (String username) throws RemoteException
- List< User > getAllUsers () throws RemoteException
- boolean buyGame (String username, String name) throws RemoteException
- boolean addGame (Game game, Genre genre, Company company) throws RemoteException

Protected Member Functions

- void finalize () throws Throwable

6.11.1 Detailed Description

Definition at line 22 of file Remote.java.

6.11.2 Constructor & Destructor Documentation

6.11.2.1 Remote()

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

Definition at line 29 of file Remote.java.

6.11.3 Member Function Documentation

6.11.3.1 addGame()

```
boolean es.deusto.server.remote.Remote.addGame (
            Game game,
            Genre genre,
            Company company ) throws RemoteException
```

Implements es.deusto.server.remote.IRemote.

Definition at line 187 of file Remote.java.

6.11.3.2 buyGame()

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

Implements es.deusto.server.remote.IRemote.

Definition at line 172 of file Remote.java.

6.11.3.3 buyGameTest()

```
boolean es.deusto.server.remote.Remote.buyGameTest ( )
```

Implements es.deusto.server.remote.IRemote.

Definition at line 88 of file Remote.java.

6.11.3.4 finalize()

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

Definition at line 34 of file Remote.java.

6.11.3.5 gameTest()

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

Implements es.deusto.server.remote.IRemote.

Definition at line 50 of file Remote.java.

6.11.3.6 getAllUsers()

```
List<User> es.deusto.server.remote.Remote.getAllUsers ( ) throws RemoteException
```

Implements es.deusto.server.remote.IRemote.

Definition at line 156 of file Remote.java.

6.11.3.7 getUser()

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

Implements es.deusto.server.remote.IRemote.

Definition at line 127 of file Remote.java.

6.11.3.8 licenseTest()

```
License es.deusto.server.remote.Remote.licenseTest ( )
```

Implements es.deusto.server.remote.IRemote.

Definition at line 65 of file Remote.java.

6.11.3.9 registerUser()

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

Implements es.deusto.server.remote.IRemote.

Definition at line 41 of file Remote.java.

6.11.3.10 showGamesInStore()

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

Implements es.deusto.server.remote.IRemote.

Definition at line 113 of file Remote.java.

6.11.3.11 showOwnedGames()

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

Implements es.deusto.server.remote.IRemote.

Definition at line 142 of file Remote.java.

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

- C:/Users/Carazo_laptop/git/SPQ09/Lurrun/src/main/java/es/deusto/server/remote/Remote.java

6.12 es.deusto.server.Server Class Reference

Static Public Member Functions

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

6.12.1 Detailed Description

Definition at line 18 of file Server.java.

6.12.2 Member Function Documentation

6.12.2.1 addStuff()

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

Definition at line 21 of file Server.java.

6.12.2.2 main()

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

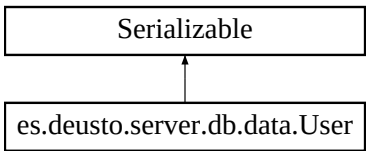
Definition at line 89 of file Server.java.

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

- C:/Users/Carazo_laptop/git/SPQ09/Lurrun/src/main/java/es/deusto/server/Server.java

6.13 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 ()
- void setPassword (String password)
- String toString ()

6.13.1 Detailed Description

Definition at line 14 of file User.java.

6.13.2 Constructor & Destructor Documentation

6.13.2.1 User() [1/2]

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

Definition at line 22 of file User.java.

6.13.2.2 User() [2/2]

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

Definition at line 49 of file User.java.

6.13.3 Member Function Documentation

6.13.3.1 addLicense()

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

Definition at line 54 of file User.java.

6.13.3.2 getLicenses()

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

Definition at line 62 of file User.java.

6.13.3.3 getLogin()

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

Definition at line 67 of file User.java.

6.13.3.4 getPassword()

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

Definition at line 71 of file User.java.

6.13.3.5 getSuperuser()

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

Definition at line 38 of file User.java.

6.13.3.6 removeLicense()

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

Definition at line 58 of file User.java.

6.13.3.7 setPassword()

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

Definition at line 75 of file User.java.

6.13.3.8 setSuperuser()

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

Definition at line 42 of file User.java.

6.13.3.9 toString()

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

Definition at line 79 of file User.java.

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

- C:/Users/Carazo_laptop/git/SPQ09/Lurrun/src/main/java/es/deusto/server/db/data/User.java

Chapter 7

File Documentation

7.1 C:/Users/Carazo_laptop/git/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/Carazo_laptop/git/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/Carazo_laptop/git/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/Carazo_laptop/git/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/Carazo_laptop/git/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/Carazo_laptop/git/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/Carazo_laptop/git/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/Carazo_laptop/git/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/Carazo_laptop/git/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/Carazo_laptop/git/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/Carazo_laptop/git/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/Carazo_laptop/git/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/Carazo_laptop/git/SPQ09/Lurrun/src/main/java/es/deusto/server/Server.java File Reference

Classes

- class es.deusto.server.Server

Packages

- package es.deusto.server

Index

addGame
es::deusto::server::db::data::Company, 12
es::deusto::server::db::data::Genre, 28
es::deusto::server::remote::IRemote, 37
es::deusto::server::remote::Remote, 43
addGameToDb
es::deusto::server::db::DB, 20
es::deusto::server::db::IDB, 33
addLicense
es::deusto::server::db::data::Game, 24
es::deusto::server::db::data::User, 47
addLicenseToGame
es::deusto::server::db::DB, 20
es::deusto::server::db::IDB, 34
addLicenseToUser
es::deusto::server::db::DB, 20
es::deusto::server::db::IDB, 34
addStuff
es::deusto::server::Server, 45

buyGame
es::deusto::server::db::DB, 20
es::deusto::server::db::IDB, 34
es::deusto::server::remote::IRemote, 37
es::deusto::server::remote::Remote, 43
buyGameTest
es::deusto::server::remote::IRemote, 37
es::deusto::server::remote::Remote, 43

C:/Users/Carazo_laptop/git/SPQ09/Lurrun/src/main/java/es/deusto/client/Client.java, 49
C:/Users/Carazo_laptop/git/SPQ09/Lurrun/src/main/java/es/deusto/server/Server.java, 52
C:/Users/Carazo_laptop/git/SPQ09/Lurrun/src/main/java/es/deusto/server/db/DB.java, 51
C:/Users/Carazo_laptop/git/SPQ09/Lurrun/src/main/java/es/deusto/server/db/IDB.java, 51
C:/Users/Carazo_laptop/git/SPQ09/Lurrun/src/main/java/es/deusto/server/db/dao/DAO.java, 49
C:/Users/Carazo_laptop/git/SPQ09/Lurrun/src/main/java/es/deusto/server/db/dao/IDAO.java, 49
C:/Users/Carazo_laptop/git/SPQ09/Lurrun/src/main/java/es/deusto/server/db/data/Company.java, 50
C:/Users/Carazo_laptop/git/SPQ09/Lurrun/src/main/java/es/deusto/server/db/data/Game.java, 50
C:/Users/Carazo_laptop/git/SPQ09/Lurrun/src/main/java/es/deusto/server/db/data/Genre.java, 50
C:/Users/Carazo_laptop/git/SPQ09/Lurrun/src/main/java/es/deusto/server/db/data/License.java, 50
C:/Users/Carazo_laptop/git/SPQ09/Lurrun/src/main/java/es/deusto/server/db/data/User.java, 51
C:/Users/Carazo_laptop/git/SPQ09/Lurrun/src/main/java/es/deusto/server/remote/IRemote.java, 51
C:/Users/Carazo_laptop/git/SPQ09/Lurrun/src/main/java/es/deusto/server/remote/Remote.java, 52
Company
es::deusto::server::db::data::Company, 12

DAO
es::deusto::server::db::dao::DAO, 15
DB
es::deusto::server::db::DB, 19

es, 9
es.deusto, 9
es.deusto.client, 9
es.deusto.client.Client, 11
es.deusto.server, 9
es.deusto.server.db, 10
es.deusto.server.db.dao, 10
es.deusto.server.db.dao.DAO, 14
es.deusto.server.db.dao.IDAO, 29
es.deusto.server.db.data, 10
es.deusto.server.db.data.Company, 11
es.deusto.server.db.data.Game, 23
es.deusto.server.db.data.Genre, 27
es.deusto.server.db.data.License, 39
es.deusto.server.db.data.User, 46
es.deusto.server.db.DB, 19
es.deusto.server.db.IDB, 33
es.deusto.server.remote, 10
es.deusto.server.remote.IRemote, 37
es.deusto.server.remote.Remote, 42
es.deusto.server.Server, 45
es::deusto::client::Client
main, 11
es::deusto::server::Server
addStuff, 45
main, 45
es::deusto::server::db::DB
addGameToDb, 20
addLicenseToGame, 20
addLicenseToUser, 20
buyGame, 20
DB, 19
getAllGames, 21
getAllUsers, 21
getUserGames, 21
registerUser, 21

showCompany, 21
showCompanyByParam, 22
showGame, 22
showGameByParam, 22
showGenre, 22
showGenreByParam, 22
showLicense, 23
showUser, 23
es::deusto::server::db::IDB
addGameToDb, 33
addLicenseToGame, 34
addLicenseToUser, 34
buyGame, 34
getAllGames, 34
getAllUsers, 34
getUserGames, 35
registerUser, 35
showCompany, 35
showCompanyByParam, 35
showGame, 35
showGameByParam, 35
showGenre, 36
showGenreByParam, 36
showLicense, 36
showUser, 36
es::deusto::server::db::dao::DAO
DAO, 15
getAllGames, 15
getAllUsers, 15
getFirstLicense, 15
retrieveCompany, 15
retrieveCompanyByParameter, 16
retrieveGame, 16
retrieveGameByParameter, 16
retrieveGenre, 16
retrieveGenreByParameter, 16
retrieveLicense, 17
retrieveUser, 17
storeGame, 17
storeUser, 17
updateCompany, 17
updateGame, 18
updateGenre, 18
updateLicense, 18
updateUser, 18
es::deusto::server::db::dao::IDAO
getAllGames, 30
getAllUsers, 30
getFirstLicense, 30
retrieveCompany, 30
retrieveCompanyByParameter, 30
retrieveGame, 30
retrieveGameByParameter, 31
retrieveGenre, 31
retrieveGenreByParameter, 31
retrieveLicense, 31
retrieveUser, 31
storeGame, 31
storeUser, 32
updateCompany, 32
updateGame, 32
updateGenre, 32
updateLicense, 32
updateUser, 32
es::deusto::server::db::data::Company
addGame, 12
Company, 12
getCompanyGames, 13
getName, 13
name, 14
removeGame, 13
setCompanyGames, 13
setName, 13
toString, 13
es::deusto::server::db::data::Game
addLicense, 24
Game, 24
getCompany, 25
getDiscount, 25
getGenre, 25
getLicenses, 25
getName, 25
getPrice, 25
removeLicense, 26
setCompany, 26
setDiscount, 26
setGenre, 26
setName, 26
setPrice, 26
toString, 27
es::deusto::server::db::data::Genre
addGame, 28
Genre, 27
getGenreGames, 28
getName, 28
removeGame, 28
setGenreGames, 28
setName, 29
toString, 29
es::deusto::server::db::data::License
getGame, 40
getGameKey, 40
getUser, 40
isUsed, 41
License, 40
setGame, 41
setGameKey, 41
setUsed, 41
setUser, 41
toString, 41
es::deusto::server::db::data::User
addLicense, 47
getLicenses, 47
getLogin, 47
getPassword, 47
getSuperuser, 48

removeLicense, 48
setPassword, 48
setSuperuser, 48
toString, 48
User, 46, 47
es::deusto::server::remote::IRemote
addGame, 37
buyGame, 37
buyGameTest, 37
gameTest, 38
getAllUsers, 38
getUser, 38
licenseTest, 38
registerUser, 38
showGamesInStore, 38
showOwnedGames, 39
es::deusto::server::remote::Remote
addGame, 43
buyGame, 43
buyGameTest, 43
finalize, 43
gameTest, 43
getAllUsers, 44
getUser, 44
licenseTest, 44
registerUser, 44
Remote, 42
showGamesInStore, 44
showOwnedGames, 45

finalize
es::deusto::server::remote::Remote, 43

Game
es::deusto::server::db::data::Game, 24
gameTest
es::deusto::server::remote::IRemote, 38
es::deusto::server::remote::Remote, 43
Genre
es::deusto::server::db::data::Genre, 27
getAllGames
es::deusto::server::db::DB, 21
es::deusto::server::db::IDB, 34
es::deusto::server::db::dao::DAO, 15
es::deusto::server::db::dao::IDAO, 30
getAllUsers
es::deusto::server::db::DB, 21
es::deusto::server::db::IDB, 34
es::deusto::server::db::dao::DAO, 15
es::deusto::server::db::dao::IDAO, 30
es::deusto::server::remote::IRemote, 38
es::deusto::server::remote::Remote, 44
getCompany
es::deusto::server::db::data::Game, 25
getCompanyGames
es::deusto::server::db::data::Company, 13
getDiscount
es::deusto::server::db::data::Game, 25
getFirstLicense
es::deusto::server::db::dao::DAO, 15
es::deusto::server::db::dao::IDAO, 30
getGame
es::deusto::server::db::data::License, 40
getGameKey
es::deusto::server::db::data::License, 40
getGenre
es::deusto::server::db::data::Game, 25
getGenreGames
es::deusto::server::db::data::Genre, 28
getLicenses
es::deusto::server::db::data::Game, 25
es::deusto::server::db::data::User, 47
getLogin
es::deusto::server::db::data::User, 47
getName
es::deusto::server::db::data::Company, 13
es::deusto::server::db::data::Game, 25
es::deusto::server::db::data::Genre, 28
getPassword
es::deusto::server::db::data::User, 47
getPrice
es::deusto::server::db::data::Game, 25
getSuperuser
es::deusto::server::db::data::User, 48
getUser
es::deusto::server::db::data::License, 40
es::deusto::server::remote::IRemote, 38
es::deusto::server::remote::Remote, 44
getUserGames
es::deusto::server::db::DB, 21
es::deusto::server::db::IDB, 35

isUsed
es::deusto::server::db::data::License, 41

License
es::deusto::server::db::data::License, 40
licenseTest
es::deusto::server::remote::IRemote, 38
es::deusto::server::remote::Remote, 44

main
es::deusto::client::Client, 11
es::deusto::server::Server, 45

name
es::deusto::server::db::data::Company, 14

registerUser
es::deusto::server::db::DB, 21
es::deusto::server::db::IDB, 35
es::deusto::server::remote::IRemote, 38
es::deusto::server::remote::Remote, 44
Remote
es::deusto::server::remote::Remote, 42
removeGame
es::deusto::server::db::data::Company, 13
es::deusto::server::db::data::Genre, 28

removeLicense
es::deusto::server::db::data::Game, 26
es::deusto::server::db::data::User, 48
retrieveCompany
es::deusto::server::db::dao::DAO, 15
es::deusto::server::db::dao::IDAO, 30
retrieveCompanyByParameter
es::deusto::server::db::dao::DAO, 16
es::deusto::server::db::dao::IDAO, 30
retrieveGame
es::deusto::server::db::dao::DAO, 16
es::deusto::server::db::dao::IDAO, 30
retrieveGameByParameter
es::deusto::server::db::dao::DAO, 16
es::deusto::server::db::dao::IDAO, 31
retrieveGenre
es::deusto::server::db::dao::DAO, 16
es::deusto::server::db::dao::IDAO, 31
retrieveGenreByParameter
es::deusto::server::db::dao::DAO, 16
es::deusto::server::db::dao::IDAO, 31
retrieveLicense
es::deusto::server::db::dao::DAO, 17
es::deusto::server::db::dao::IDAO, 31
retrieveUser
es::deusto::server::db::dao::DAO, 17
es::deusto::server::db::dao::IDAO, 31

setCompany
es::deusto::server::db::data::Game, 26
setCompanyGames
es::deusto::server::db::data::Company, 13
setDiscount
es::deusto::server::db::data::Game, 26
setGame
es::deusto::server::db::data::License, 41
setGameKey
es::deusto::server::db::data::License, 41
setGenre
es::deusto::server::db::data::Game, 26
setGenreGames
es::deusto::server::db::data::Genre, 28
setName
es::deusto::server::db::data::Company, 13
es::deusto::server::db::data::Game, 26
es::deusto::server::db::data::Genre, 29
setPassword
es::deusto::server::db::data::User, 48
setPrice
es::deusto::server::db::data::Game, 26
setSuperuser
es::deusto::server::db::data::User, 48
setUsed
es::deusto::server::db::data::License, 41
setUser
es::deusto::server::db::data::License, 41
showCompany
es::deusto::server::db::DB, 21
es::deusto::server::db::IDB, 35
showCompanyByParam
es::deusto::server::db::DB, 22
es::deusto::server::db::IDB, 35
showGame
es::deusto::server::db::DB, 22
es::deusto::server::db::IDB, 35
showGameByParam
es::deusto::server::db::DB, 22
es::deusto::server::db::IDB, 35
showGamesInStore
es::deusto::server::remote::IRemote, 38
es::deusto::server::remote::Remote, 44
showGenre
es::deusto::server::db::DB, 22
es::deusto::server::db::IDB, 36
showGenreByParam
es::deusto::server::db::DB, 22
es::deusto::server::db::IDB, 36
showLicense
es::deusto::server::db::DB, 23
es::deusto::server::db::IDB, 36
showOwnedGames
es::deusto::server::remote::IRemote, 39
es::deusto::server::remote::Remote, 45
showUser
es::deusto::server::db::DB, 23
es::deusto::server::db::IDB, 36
storeGame
es::deusto::server::db::dao::DAO, 17
es::deusto::server::db::dao::IDAO, 31
storeUser
es::deusto::server::db::dao::DAO, 17
es::deusto::server::db::dao::IDAO, 32

toString
es::deusto::server::db::data::Company, 13
es::deusto::server::db::data::Game, 27
es::deusto::server::db::data::Genre, 29
es::deusto::server::db::data::License, 41
es::deusto::server::db::data::User, 48

updateCompany
es::deusto::server::db::dao::DAO, 17
es::deusto::server::db::dao::IDAO, 32
updateGame
es::deusto::server::db::dao::DAO, 18
es::deusto::server::db::dao::IDAO, 32
updateGenre
es::deusto::server::db::dao::DAO, 18
es::deusto::server::db::dao::IDAO, 32
updateLicense
es::deusto::server::db::dao::DAO, 18
es::deusto::server::db::dao::IDAO, 32
updateUser
es::deusto::server::db::dao::DAO, 18
es::deusto::server::db::dao::IDAO, 32
User
es::deusto::server::db::data::User, 46, 47