

model

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1.2 Diagrams



2 Classifiers

2.1 Class Tools

2.1.1 Attributes

- **page** : PageManager [1]
- **users** : UserManager [1]
- **msgCreator** : MessageManager [1]
- **me** : User [1]
- **usedColors** : String [1]

2.1.2 Generalizations

None

2.1.3 Operations

- Void **include** (parameter : url, parameter2 : callback)
- Void **assignAttributes** (parameter : balise)
- htmlElement **getBody** ()
- htmlElement **createStyledElement** (parameter : tagName)
- Void **ajouterBalise** (parameter : baliseMere, parameter2 : baliseName)
- Void **ajouteTexte** (parameter : balise, parameter2 : texte)

- String **getRandomColors** (parameter : nbColors)

- String **getRandomString** (parameter : size)

- Void **notify** (parameter : evt, parameter2 : User)

- Boolean **alphaOnly** (parameter : event)

- Void **fkey** ()

- Void **editList** (parameter : idList)

- Void **connect** ()

- String **controlConnection** (parameter : username)

2.1.4 Associations

- **userManager** : UserManager [1]

- **messageManager** : MessageManager [1]

- **user** : User [1]

- **pageManager** : PageManager [1]

2.2 Class PageManager

2.2.1 Attributes

- **body** : htmlElement [1]
- **divConnection** : htmlElement [1]
- **divContent** : htmlElement [1]
- **divNotif** : htmlElement [1]
- **divMainContent** : htmlElement [1]
- **divEdit** : htmlElement [1]

2.2.2 Generalizations

None

2.2.3 Operations

- Void **initializeElement** ()
- Void **toggleContent** ()
- Void **toggleConnection** ()
- Void **createNotif** (parameter : String, parameter2 : User)
- Void **removeUserFromSelect** (parameter : User)
- Void **addUserToSelect** (parameter : User)

- Void **fillEdit** ()
- HTMLElement **getList** (parameter : List)
- Void **removeList** (parameter : List)
- Void **updateList** (parameter : List)
- Void **createList** (parameter : idList)

2.2.4 Associations

- **tools** : Tools [1]

2.3 Class ListManager

2.3.1 Attributes

- **lists** : List[] [1]

2.3.2 Generalizations

None

2.3.3 Operations

- Boolean **createList** (parameter : List)
- position **getListName** (parameter : List)
- position **getListPosition** (parameter : List)

- List **getList** (parameter : List)
- List **deleteList** (parameter : List)
- List **updateList** (parameter : List)
- Boolean **isSharedWith** (parameter : List, parameter2 : User)

2.3.4 Associations

- **user** : User [1]
- **list** : List [*]

2.4 Class List

2.4.1 Attributes

- **name** : String [1]
- **proprietor** : User [1]
- **products** : String[] [1]
- **description** : String [1]
- **sharedWith** : User[] [1]
- **notAlone** : Integer [1]
- **id** : String [1]

2.4.2 Generalizations

None

2.4.3 Operations

- String **getId** ()
- String **getName** ()
- User **getProprietor** ()
- Boolean **addProduct** (parameter : String)
- Boolean **addUser** (parameter : User)
- position **getUser** (parameter : User)
- Boolean **isSharedWith** (parameter : User)
- Boolean **removeUser** (parameter : User)
- Void **setDescription** (parameter : String)
- htmlElement **toHtml** (parameter : String)
- Boolean **equals** (parameter : List)
- Object **forJSON** ()

- String **getId** ()
- String **getName** ()
- User **getProprietor** ()
- Boolean **addProduct** (parameter : String)
- Boolean **addUser** (parameter : User)
- position **getUser** (parameter : User)
- Boolean **isSharedWith** (parameter : User)
- Boolean **removeUser** (parameter : User)
- Void **setDescription** (parameter : String)
- htmlElement **toHtml** (parameter : String)
- Boolean **equals** (parameter : List)
- Object **forJSON** ()

2.4.4 Associations

- **listManager** : ListManager [1]

- **sharedWithUser** : User [*]

- **proprietorUser** : User [1]

2.5 Class User

2.5.1 Attributes

- **id** : String [1]

- **name** : String [1]

- **lm** : ListManager [1]

- **socketId** : String [1]

- **color** : String [1]

- **password** : String [1]

2.5.2 Generalizations

None

2.5.3 Operations

- String **getName** ()

- String **getSocket** ()

- String **getColor** ()

- Boolean **equals** (parameter : User)

null

- Void **setColor** (parameter : String)
- Void **updateList** (parameter : List)
- Void **deleteList** (parameter : List)
- Void **createList** (parameter : List)
- Boolean **shareWith** (parameter : Integer, parameter2 : User)
- Boolean **removeUserFromList** (parameter : List, parameter2 : User)
- Object **forJSON** ()

2.5.4 Associations

- **tools** : Tools [1]
- **listManager** : ListManager [1]
- **userManager** : UserManager [1]
- **list** : List [*]
- **list** : List [*]

2.6 Class UserManager

2.6.1 Attributes

- **users** : User[] [1]
- **colors** : String[] [1]
- **unavailablePseudos** : String[] [1]

2.6.2 Generalizations

None

2.6.3 Operations

- Void **initialize** (parameter : Integer)
- Integer **getNbUser** ()
- Boolean **addUser** (parameter : User)
- Integer **exists** (parameter : Object)
- User **getUser** (parameter : Integer)
- Boolean **removeUser** (parameter : User)
- Boolean **isAvailable** (parameter : String)

2.6.4 Associations

- **tools** : Tools [1]

- **user** : User [*]

2.7 Class MessageManager

2.7.1 Attributes

No additional attributes

2.7.2 Generalizations

None

2.7.3 Operations

- Object **joinMsg** ()
- Object **updateListMsg** (parameter : List)
- Object **deleteListMsg** (parameter : List)
- Object **leftMsg** ()
- Boolean **validateMsg** (parameter : Object)
- List **fromObjectToList** (parameter : Object)
- User **fromObjectToUser** (parameter : Object)

2.7.4 Associations

- **tools** : Tools [1]

2.8 Class Array

2.8.1 Attributes

No additional attributes

2.8.2 Generalizations

None

2.8.3 Operations

No additional operations

2.9 Class Persistence

2.9.1 Attributes

- **cobra** : Cobra [1]
- **room** : String [1]
- **apiURL** : String [1]

2.9.2 Generalizations

None

2.9.3 Operations

- Void **include** ()
- Void **processPersistence** (parameter : JsonObj)
- Void **processPersistenceUser** (parameter : JsonObj, parameter2 : Boolean)