Trivial game

Image14.png

Triviali1b

Ana, David, Raquel, María, Álvaro, Iván

Table of Contents

[ComponentDiagramExtract](#LANgZ9KGAqAUAQgt)

[Component DiagramGame](#QJWO.TKGAqACZAXw)

[DeploymentDiagram](#.vT4Z9KGAqAUAQuT)

[PackageDiagram](#Fs_vp9KGAqAUAQfL)

Table of Figures

[ComponentDiagramExtract](#LANgZ9KGAqAUAQgt)

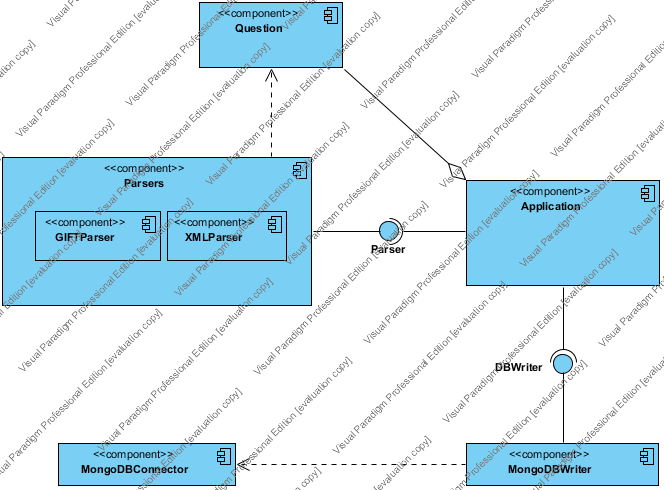
[Component DiagramGame](#QJWO.TKGAqACZAXw)

[DeploymentDiagram](#.vT4Z9KGAqAUAQuT)

[PackageDiagram](#Fs_vp9KGAqAUAQfL)

Component Diagram

# ComponentDiagramExtract



|  |  |
| --- | --- |
| **Name** | **Value** |
| Name | ComponentDiagramExtract |
| Author | ivan |
| Create Date Time | 04-mar-2015 19:22:57 |
| Last Modified | 10-abr-2015 19:52:57 |
| Show Component Attributes | false |
| Show Component Operations | false |

## Summary

|  |  |
| --- | --- |
| **Name** | **Description** |
| Image1.png [Question](#h2rQZ9KGAqAUAQg_) | Represents questions, storing the required data. For now it is extended by TrivialQuestion, which will be used for the trivial game but allows later development of different games. |
| Image1.png [Parsers](#DQPwZ9KGAqAUAQhd) | Classes in charge of interpreting different file formats and parsing them into domain model objects. |
| Image1.png [Application](#isYIZ9KGAqAUAQhn) | Main application (Game) |
| Image1.png [GIFTParser](#uAUIZ9KGAqAUAQh1) |  |
| Image1.png [XMLParser](#ZCcIZ9KGAqAUAQiH) |  |
| Image2.png [Parser](#KZBIZ9KGAqAUAQjM) |  |
| Image2.png [DBWriter](#eu8YZ9KGAqAUAQm.) |  |
| Image1.png [MongoDBConnector](#h__IZ9KGAqAUAQlw) | This class contains the code necessary to manage a connection with a MongoDB database. |
| Image1.png [MongoDBWriter](#bynIZ9KGAqAUAQlm) | Class with the responsibility of storing the questions in the database. |

## Details

### Image3.png Question

|  |  |
| --- | --- |
| **Name** | **Value** |
| Description | Represents questions, storing the required data. For now it is extended by TrivialQuestion, which will be used for the trivial game but allows later development of different games. |
| Active | false |
| Business Key Mutable | true |
| Business Model | false |
| Visibility | public |
| Abstract | false |
| Leaf | false |
| Root | false |
| Indirectly Instantiated | true |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | ivan | | Create Date Time | 04-mar-2015 19:27:57 | | Last Modified | 10-abr-2015 19:52:57 | |

#### Relationships

|  |  |
| --- | --- |
| **Unnamed Association** | |
| From | |  |  | | --- | --- | | **Name** | **Value** | | End Model Element | Image3.png [Application](#SsYIZ9KGAqAUAQho) | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Multiplicity | Unspecified | | Visibility | Unspecified | | Aggregation Kind | Shared | | Navigable | Navigable | | Derived | false | | Derived Union | false | | Read Only | false | | Static | false | | Leaf | false | | Type | Image3.png [Application](#SsYIZ9KGAqAUAQho) | | Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | ivan | | Create Date Time | 04-mar-2015 19:36:22 | | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Derived | false |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | ivan | | Create Date Time | 04-mar-2015 19:36:22 | | Last Modified | 09-abr-2015 20:32:31 | |

|  |  |
| --- | --- |
| **Unnamed Dependency** | |
| From | Image1.png [Parsers](#DQPwZ9KGAqAUAQhd) |
| Visibility | Unspecified |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | ivan | | Create Date Time | 04-mar-2015 19:36:49 | | Last Modified | 04-mar-2015 19:49:47 | |

### Image3.png Parsers

|  |  |
| --- | --- |
| **Name** | **Value** |
| Description | Classes in charge of interpreting different file formats and parsing them into domain model objects. |
| Active | false |
| Business Key Mutable | true |
| Business Model | false |
| Visibility | public |
| Abstract | false |
| Leaf | false |
| Root | false |
| Indirectly Instantiated | true |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | ivan | | Create Date Time | 04-mar-2015 19:32:47 | | Last Modified | 10-abr-2015 19:52:57 | |

#### Children

|  |  |
| --- | --- |
| **Name** | **Description** |
| Image1.png [GIFTParser](#uAUIZ9KGAqAUAQh1) |  |
| Image1.png [XMLParser](#ZCcIZ9KGAqAUAQiH) |  |

#### Relationships

|  |  |
| --- | --- |
| **Unnamed Dependency** | |
| To | Image1.png [Question](#h2rQZ9KGAqAUAQg_) |
| Visibility | Unspecified |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | ivan | | Create Date Time | 04-mar-2015 19:36:49 | | Last Modified | 04-mar-2015 19:49:47 | |

|  |  |
| --- | --- |
| **Unnamed Realization** | |
| From | Image2.png [Parser](#KZBIZ9KGAqAUAQjM) |
| Visibility | Unspecified |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | ivan | | Create Date Time | 04-mar-2015 19:35:30 | | Last Modified | 04-mar-2015 19:38:09 | |

#### Resident Components

|  |  |
| --- | --- |
| **Name** | **Description** |
| Image3.png [GIFTParser](#eAUIZ9KGAqAUAQh2) |  |
| Image3.png [XMLParser](#ZCcIZ9KGAqAUAQiI) |  |

### Image3.png Application

|  |  |
| --- | --- |
| **Name** | **Value** |
| Description | Main application (Game) |
| Active | false |
| Business Key Mutable | true |
| Business Model | false |
| Visibility | public |
| Abstract | false |
| Leaf | false |
| Root | false |
| Indirectly Instantiated | true |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | ivan | | Create Date Time | 04-mar-2015 19:33:28 | | Last Modified | 10-abr-2015 19:52:57 | |

#### Children

|  |  |
| --- | --- |
| **Name** | **Description** |
| Image4.png [N/A](#Dj6kZ9KGAqAUAQys) |  |

#### Relationships

|  |  |
| --- | --- |
| **Unnamed Usage** | |
| To | Image2.png [Parser](#KZBIZ9KGAqAUAQjM) |
| Visibility | Unspecified |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | ivan | | Create Date Time | 04-mar-2015 19:35:43 | | Last Modified | 04-mar-2015 19:38:09 | |

|  |  |
| --- | --- |
| **Unnamed Association** | |
| To | |  |  | | --- | --- | | **Name** | **Value** | | End Model Element | Image3.png [Question](#R2rQZ9KGAqAUAQhA) | | Provide Property Getter Method | false | | Provide Property Setter Method | false | | Multiplicity | Unspecified | | Visibility | Unspecified | | Aggregation Kind | None | | Navigable | Navigable | | Derived | false | | Derived Union | false | | Read Only | false | | Static | false | | Leaf | false | | Type | Image3.png [Question](#R2rQZ9KGAqAUAQhA) | | Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | ivan | | Create Date Time | 04-mar-2015 19:36:22 | | |
| Abstract | false |
| Leaf | false |
| Visibility | Unspecified |
| Derived | false |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | ivan | | Create Date Time | 04-mar-2015 19:36:22 | | Last Modified | 09-abr-2015 20:32:31 | |

|  |  |
| --- | --- |
| **Unnamed Usage** | |
| To | Image2.png [DBWriter](#eu8YZ9KGAqAUAQm.) |
| Visibility | Unspecified |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | ivan | | Create Date Time | 04-mar-2015 19:43:00 | | Last Modified | 04-mar-2015 19:49:47 | |

### Image3.png GIFTParser

|  |  |
| --- | --- |
| **Name** | **Value** |
| Active | false |
| Business Key Mutable | true |
| Business Model | false |
| Visibility | public |
| Abstract | false |
| Leaf | false |
| Root | false |
| Indirectly Instantiated | true |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | ivan | | Create Date Time | 04-mar-2015 19:33:44 | | Last Modified | 04-mar-2015 19:38:09 | |

### Image3.png XMLParser

|  |  |
| --- | --- |
| **Name** | **Value** |
| Active | false |
| Business Key Mutable | true |
| Business Model | false |
| Visibility | public |
| Abstract | false |
| Leaf | false |
| Root | false |
| Indirectly Instantiated | true |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | ivan | | Create Date Time | 04-mar-2015 19:34:01 | | Last Modified | 04-mar-2015 19:38:09 | |

### Image5.png Parser

|  |  |
| --- | --- |
| **Name** | **Value** |
| Active | false |
| Business Key Mutable | true |
| Business Model | false |
| Visibility | public |
| Leaf | false |
| Root | false |
| Stereotypes | Interface |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | ivan | | Create Date Time | 04-mar-2015 19:35:16 | | Last Modified | 04-mar-2015 19:38:09 | |

#### Relationships

|  |  |
| --- | --- |
| **Unnamed Realization** | |
| To | Image1.png [Parsers](#DQPwZ9KGAqAUAQhd) |
| Visibility | Unspecified |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | ivan | | Create Date Time | 04-mar-2015 19:35:30 | | Last Modified | 04-mar-2015 19:38:09 | |

|  |  |
| --- | --- |
| **Unnamed Usage** | |
| From | Image1.png [Application](#isYIZ9KGAqAUAQhn) |
| Visibility | Unspecified |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | ivan | | Create Date Time | 04-mar-2015 19:35:43 | | Last Modified | 04-mar-2015 19:38:09 | |

### Image5.png DBWriter

|  |  |
| --- | --- |
| **Name** | **Value** |
| Active | false |
| Business Key Mutable | true |
| Business Model | false |
| Visibility | public |
| Leaf | false |
| Root | false |
| Stereotypes | Interface |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | ivan | | Create Date Time | 04-mar-2015 19:42:50 | | Last Modified | 04-mar-2015 19:49:47 | |

#### Relationships

|  |  |
| --- | --- |
| **Unnamed Realization** | |
| To | Image1.png [MongoDBWriter](#bynIZ9KGAqAUAQlm) |
| Visibility | Unspecified |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | ivan | | Create Date Time | 04-mar-2015 19:43:23 | | Last Modified | 04-mar-2015 19:49:47 | |

|  |  |
| --- | --- |
| **Unnamed Usage** | |
| From | Image1.png [Application](#isYIZ9KGAqAUAQhn) |
| Visibility | Unspecified |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | ivan | | Create Date Time | 04-mar-2015 19:43:00 | | Last Modified | 04-mar-2015 19:49:47 | |

### Image3.png MongoDBConnector

|  |  |
| --- | --- |
| **Name** | **Value** |
| Description | This class contains the code necessary to manage a connection with a MongoDB database. |
| Active | false |
| Business Key Mutable | true |
| Business Model | false |
| Visibility | public |
| Abstract | false |
| Leaf | false |
| Root | false |
| Indirectly Instantiated | true |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | ivan | | Create Date Time | 04-mar-2015 19:37:25 | | Last Modified | 10-abr-2015 19:41:26 | |

#### Relationships

|  |  |
| --- | --- |
| **Unnamed Dependency** | |
| From | Image1.png [MongoDBWriter](#bynIZ9KGAqAUAQlm) |
| Visibility | Unspecified |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | ivan | | Create Date Time | 04-mar-2015 19:42:43 | | Last Modified | 04-mar-2015 19:49:47 | |

### Image3.png MongoDBWriter

|  |  |
| --- | --- |
| **Name** | **Value** |
| Description | Class with the responsibility of storing the questions in the database. |
| Active | false |
| Business Key Mutable | true |
| Business Model | false |
| Visibility | public |
| Abstract | false |
| Leaf | false |
| Root | false |
| Indirectly Instantiated | true |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | ivan | | Create Date Time | 04-mar-2015 19:36:57 | | Last Modified | 10-abr-2015 19:52:57 | |

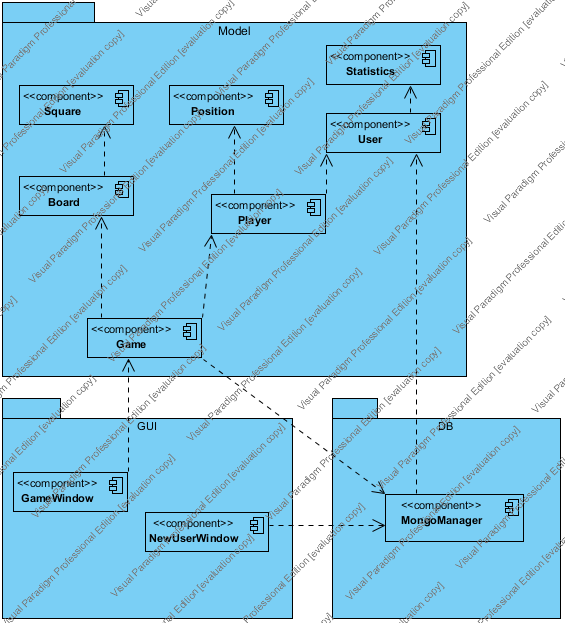
#### Relationships

|  |  |
| --- | --- |
| **Unnamed Dependency** | |
| To | Image1.png [MongoDBConnector](#h__IZ9KGAqAUAQlw) |
| Visibility | Unspecified |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | ivan | | Create Date Time | 04-mar-2015 19:42:43 | | Last Modified | 04-mar-2015 19:49:47 | |

|  |  |
| --- | --- |
| **Unnamed Realization** | |
| From | Image2.png [DBWriter](#eu8YZ9KGAqAUAQm.) |
| Visibility | Unspecified |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | ivan | | Create Date Time | 04-mar-2015 19:43:23 | | Last Modified | 04-mar-2015 19:49:47 | |

Component Diagram

# Component DiagramGame



|  |  |
| --- | --- |
| **Name** | **Value** |
| Name | Component DiagramGame |
| Author | Iván |
| Create Date Time | 09-abr-2015 20:29:28 |
| Last Modified | 10-abr-2015 19:55:55 |
| Show Component Attributes | false |
| Show Component Operations | false |

## Summary

|  |  |
| --- | --- |
| **Name** | **Description** |
| Image7.png [Model](#pFn..TKGAqACZAgw) | Contains the main logic of the application. |
| Image1.png [Statistics](#IB2..TKGAqACZAej) | This object stores data that can be considered interesting, for example, to establish rankings. Number of questions answered is one of the things it keeps track of. |
| Image1.png [Square](#gNbO.TKGAqACZAZv) | Set of classes that relate to the cells of a trivial board in the trivial game. |
| Image1.png [Position](#w7Vu.TKGAqACZAdl) | This class contains the coordinates of each square in the board. It helps in the management of player movement. |
| Image1.png [User](#dAB..TKGAqACZAew) | Contains information of registered users, also includes and keeps track of their statistics. |
| Image1.png [Board](#545O.TKGAqACZAYL) | This class represent the board in a trivial game, contains all the logic necessary to perform movements of players in the board |
| Image1.png [Player](#Tgqu.TKGAqACZAbt) | Relates to the players of a game, each player is related to a user and stores necessary data as the position in the board and the wedges obtained. |
| Image1.png [Game](#nk8u.TKGAqACZAbW) | Contains all the methods and elements necessary to play a trivial game. |
| Image7.png [GUI](#o9gB.TKGAqACZAg9) | All the classes in charge of user interaction are inside this package. |
| Image7.png [DB](#EaSB.TKGAqACZAh6) | Classes in charge of storing Users, Statistics, etc. into the database |
| Image1.png [GameWindow](#CxIB.TKGAqACZAhE) | This class is responsible for the graphical representation of the game. It makes use of the Game class inside Model package. |
| Image1.png [MongoManager](#wfdB.TKGAqACZAiF) | Classes following the MongoManager~ name are in charge of reading/writing to the database the objects which should be persistent. |
| Image1.png [NewUserWindow](#4AMB.TKGAqACZAhj) | This class shows to the user a window where he can register new users. It uses the MongoManager in charge of storing users inside the database. |

## Details

### Image8.png Model

|  |  |
| --- | --- |
| **Name** | **Value** |
| Description | Contains the main logic of the application. |
| Abstract | false |
| Leaf | false |
| Root | false |
| Visibility | public |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | Iván | | Create Date Time | 09-abr-2015 20:44:42 | | Last Modified | 10-abr-2015 19:41:26 | |

#### Children

|  |  |
| --- | --- |
| **Name** | **Description** |
| Image1.png [Statistics](#IB2..TKGAqACZAej) | This object stores data that can be considered interesting, for example, to establish rankings. Number of questions answered is one of the things it keeps track of. |
| Image1.png [Square](#gNbO.TKGAqACZAZv) | Set of classes that relate to the cells of a trivial board in the trivial game. |
| Image1.png [Position](#w7Vu.TKGAqACZAdl) | This class contains the coordinates of each square in the board. It helps in the management of player movement. |
| Image1.png [User](#dAB..TKGAqACZAew) | Contains information of registered users, also includes and keeps track of their statistics. |
| Image1.png [Board](#545O.TKGAqACZAYL) | This class represent the board in a trivial game, contains all the logic necessary to perform movements of players in the board |
| Image1.png [Player](#Tgqu.TKGAqACZAbt) | Relates to the players of a game, each player is related to a user and stores necessary data as the position in the board and the wedges obtained. |
| Image1.png [Game](#nk8u.TKGAqACZAbW) | Contains all the methods and elements necessary to play a trivial game. |

### Image3.png Statistics

|  |  |
| --- | --- |
| **Name** | **Value** |
| Description | This object stores data that can be considered interesting, for example, to establish rankings. Number of questions answered is one of the things it keeps track of. |
| Active | false |
| Business Key Mutable | true |
| Business Model | false |
| Visibility | public |
| Abstract | false |
| Leaf | false |
| Root | false |
| Indirectly Instantiated | true |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | Iván | | Create Date Time | 09-abr-2015 20:42:38 | | Last Modified | 10-abr-2015 19:31:26 | |

#### Relationships

|  |  |
| --- | --- |
| **Unnamed Dependency** | |
| From | Image1.png [User](#dAB..TKGAqACZAew) |
| Visibility | Unspecified |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | Iván | | Create Date Time | 09-abr-2015 20:44:02 | | Last Modified | 09-abr-2015 20:45:39 | |

### Image3.png Square

|  |  |
| --- | --- |
| **Name** | **Value** |
| Description | Set of classes that relate to the cells of a trivial board in the trivial game. |
| Active | false |
| Business Key Mutable | true |
| Business Model | false |
| Visibility | public |
| Abstract | false |
| Leaf | false |
| Root | false |
| Indirectly Instantiated | true |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | Iván | | Create Date Time | 09-abr-2015 20:31:23 | | Last Modified | 10-abr-2015 19:31:26 | |

#### Relationships

|  |  |
| --- | --- |
| **Unnamed Dependency** | |
| From | Image1.png [Board](#545O.TKGAqACZAYL) |
| Visibility | Unspecified |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | Iván | | Create Date Time | 09-abr-2015 20:43:54 | | Last Modified | 09-abr-2015 20:45:39 | |

### Image3.png Position

|  |  |
| --- | --- |
| **Name** | **Value** |
| Description | This class contains the coordinates of each square in the board. It helps in the management of player movement. |
| Active | false |
| Business Key Mutable | true |
| Business Model | false |
| Visibility | public |
| Abstract | false |
| Leaf | false |
| Root | false |
| Indirectly Instantiated | true |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | Iván | | Create Date Time | 09-abr-2015 20:34:57 | | Last Modified | 10-abr-2015 19:31:26 | |

#### Relationships

|  |  |
| --- | --- |
| **Unnamed Dependency** | |
| From | Image1.png [Player](#Tgqu.TKGAqACZAbt) |
| Visibility | Unspecified |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | Iván | | Create Date Time | 09-abr-2015 20:43:38 | | Last Modified | 09-abr-2015 20:45:39 | |

### Image3.png User

|  |  |
| --- | --- |
| **Name** | **Value** |
| Description | Contains information of registered users, also includes and keeps track of their statistics. |
| Active | false |
| Business Key Mutable | true |
| Business Model | false |
| Visibility | public |
| Abstract | false |
| Leaf | false |
| Root | false |
| Indirectly Instantiated | true |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | Iván | | Create Date Time | 09-abr-2015 20:42:57 | | Last Modified | 10-abr-2015 19:31:26 | |

#### Relationships

|  |  |
| --- | --- |
| **Unnamed Dependency** | |
| To | Image1.png [Statistics](#IB2..TKGAqACZAej) |
| Visibility | Unspecified |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | Iván | | Create Date Time | 09-abr-2015 20:44:02 | | Last Modified | 09-abr-2015 20:45:39 | |

|  |  |
| --- | --- |
| **Unnamed Dependency** | |
| From | Image1.png [Player](#Tgqu.TKGAqACZAbt) |
| Visibility | Unspecified |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | Iván | | Create Date Time | 09-abr-2015 20:43:59 | | Last Modified | 09-abr-2015 20:45:39 | |

|  |  |
| --- | --- |
| **Unnamed Dependency** | |
| From | Image1.png [MongoManager](#wfdB.TKGAqACZAiF) |
| Visibility | Unspecified |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | Iván | | Create Date Time | 09-abr-2015 20:49:12 | | Last Modified | 09-abr-2015 20:57:27 | |

### Image3.png Board

|  |  |
| --- | --- |
| **Name** | **Value** |
| Description | This class represent the board in a trivial game, contains all the logic necessary to perform movements of players in the board |
| Active | false |
| Business Key Mutable | true |
| Business Model | false |
| Visibility | public |
| Abstract | false |
| Leaf | false |
| Root | false |
| Indirectly Instantiated | true |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | Iván | | Create Date Time | 09-abr-2015 20:30:19 | | Last Modified | 10-abr-2015 19:31:26 | |

#### Relationships

|  |  |
| --- | --- |
| **Unnamed Dependency** | |
| To | Image1.png [Square](#gNbO.TKGAqACZAZv) |
| Visibility | Unspecified |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | Iván | | Create Date Time | 09-abr-2015 20:43:54 | | Last Modified | 09-abr-2015 20:45:39 | |

|  |  |
| --- | --- |
| **Unnamed Dependency** | |
| From | Image1.png [Game](#nk8u.TKGAqACZAbW) |
| Visibility | Unspecified |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | Iván | | Create Date Time | 09-abr-2015 20:43:30 | | Last Modified | 09-abr-2015 20:45:39 | |

### Image3.png Player

|  |  |
| --- | --- |
| **Name** | **Value** |
| Description | Relates to the players of a game, each player is related to a user and stores necessary data as the position in the board and the wedges obtained. |
| Active | false |
| Business Key Mutable | true |
| Business Model | false |
| Visibility | public |
| Abstract | false |
| Leaf | false |
| Root | false |
| Indirectly Instantiated | true |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | Iván | | Create Date Time | 09-abr-2015 20:33:27 | | Last Modified | 10-abr-2015 19:31:26 | |

#### Relationships

|  |  |
| --- | --- |
| **Unnamed Dependency** | |
| To | Image1.png [Position](#w7Vu.TKGAqACZAdl) |
| Visibility | Unspecified |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | Iván | | Create Date Time | 09-abr-2015 20:43:38 | | Last Modified | 09-abr-2015 20:45:39 | |

|  |  |
| --- | --- |
| **Unnamed Dependency** | |
| To | Image1.png [User](#dAB..TKGAqACZAew) |
| Visibility | Unspecified |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | Iván | | Create Date Time | 09-abr-2015 20:43:59 | | Last Modified | 09-abr-2015 20:45:39 | |

|  |  |
| --- | --- |
| **Unnamed Dependency** | |
| From | Image1.png [Game](#nk8u.TKGAqACZAbW) |
| Visibility | Unspecified |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | Iván | | Create Date Time | 09-abr-2015 20:43:35 | | Last Modified | 09-abr-2015 20:45:39 | |

### Image3.png Game

|  |  |
| --- | --- |
| **Name** | **Value** |
| Description | Contains all the methods and elements necessary to play a trivial game. |
| Active | false |
| Business Key Mutable | true |
| Business Model | false |
| Visibility | public |
| Abstract | false |
| Leaf | false |
| Root | false |
| Indirectly Instantiated | true |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | Iván | | Create Date Time | 09-abr-2015 20:33:03 | | Last Modified | 10-abr-2015 19:31:26 | |

#### Relationships

|  |  |
| --- | --- |
| **Unnamed Dependency** | |
| To | Image1.png [Board](#545O.TKGAqACZAYL) |
| Visibility | Unspecified |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | Iván | | Create Date Time | 09-abr-2015 20:43:30 | | Last Modified | 09-abr-2015 20:45:39 | |

|  |  |
| --- | --- |
| **Unnamed Dependency** | |
| To | Image1.png [Player](#Tgqu.TKGAqACZAbt) |
| Visibility | Unspecified |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | Iván | | Create Date Time | 09-abr-2015 20:43:35 | | Last Modified | 09-abr-2015 20:45:39 | |

|  |  |
| --- | --- |
| **Unnamed Dependency** | |
| To | Image1.png [MongoManager](#wfdB.TKGAqACZAiF) |
| Visibility | Unspecified |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | Iván | | Create Date Time | 09-abr-2015 20:53:24 | | Last Modified | 09-abr-2015 20:57:27 | |

|  |  |
| --- | --- |
| **Unnamed Dependency** | |
| From | Image1.png [GameWindow](#CxIB.TKGAqACZAhE) |
| Visibility | Unspecified |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | Iván | | Create Date Time | 09-abr-2015 20:45:40 | | Last Modified | 09-abr-2015 20:57:27 | |

### Image8.png GUI

|  |  |
| --- | --- |
| **Name** | **Value** |
| Description | All the classes in charge of user interaction are inside this package. |
| Abstract | false |
| Leaf | false |
| Root | false |
| Visibility | public |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | Iván | | Create Date Time | 09-abr-2015 20:45:15 | | Last Modified | 10-abr-2015 19:41:26 | |

#### Children

|  |  |
| --- | --- |
| **Name** | **Description** |
| Image1.png [GameWindow](#CxIB.TKGAqACZAhE) | This class is responsible for the graphical representation of the game. It makes use of the Game class inside Model package. |
| Image1.png [NewUserWindow](#4AMB.TKGAqACZAhj) | This class shows to the user a window where he can register new users. It uses the MongoManager in charge of storing users inside the database. |

### Image8.png DB

|  |  |
| --- | --- |
| **Name** | **Value** |
| Description | Classes in charge of storing Users, Statistics, etc. into the database |
| Abstract | false |
| Leaf | false |
| Root | false |
| Visibility | public |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | Iván | | Create Date Time | 09-abr-2015 20:46:23 | | Last Modified | 10-abr-2015 19:41:26 | |

#### Children

|  |  |
| --- | --- |
| **Name** | **Description** |
| Image1.png [MongoManager](#wfdB.TKGAqACZAiF) | Classes following the MongoManager~ name are in charge of reading/writing to the database the objects which should be persistent. |

### Image3.png GameWindow

|  |  |
| --- | --- |
| **Name** | **Value** |
| Description | This class is responsible for the graphical representation of the game. It makes use of the Game class inside Model package. |
| Active | false |
| Business Key Mutable | true |
| Business Model | false |
| Visibility | public |
| Abstract | false |
| Leaf | false |
| Root | false |
| Indirectly Instantiated | true |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | Iván | | Create Date Time | 09-abr-2015 20:45:26 | | Last Modified | 10-abr-2015 19:41:26 | |

#### Relationships

|  |  |
| --- | --- |
| **Unnamed Dependency** | |
| To | Image1.png [Game](#nk8u.TKGAqACZAbW) |
| Visibility | Unspecified |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | Iván | | Create Date Time | 09-abr-2015 20:45:40 | | Last Modified | 09-abr-2015 20:57:27 | |

### Image3.png MongoManager

|  |  |
| --- | --- |
| **Name** | **Value** |
| Description | Classes following the MongoManager~ name are in charge of reading/writing to the database the objects which should be persistent. |
| Active | false |
| Business Key Mutable | true |
| Business Model | false |
| Visibility | public |
| Abstract | false |
| Leaf | false |
| Root | false |
| Indirectly Instantiated | true |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | Iván | | Create Date Time | 09-abr-2015 20:48:20 | | Last Modified | 10-abr-2015 19:41:26 | |

#### Relationships

|  |  |
| --- | --- |
| **Unnamed Dependency** | |
| To | Image1.png [User](#dAB..TKGAqACZAew) |
| Visibility | Unspecified |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | Iván | | Create Date Time | 09-abr-2015 20:49:12 | | Last Modified | 09-abr-2015 20:57:27 | |

|  |  |
| --- | --- |
| **Unnamed Dependency** | |
| From | Image1.png [Game](#nk8u.TKGAqACZAbW) |
| Visibility | Unspecified |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | Iván | | Create Date Time | 09-abr-2015 20:53:24 | | Last Modified | 09-abr-2015 20:57:27 | |

|  |  |
| --- | --- |
| **Unnamed Dependency** | |
| From | Image1.png [NewUserWindow](#4AMB.TKGAqACZAhj) |
| Visibility | Unspecified |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | Iván | | Create Date Time | 09-abr-2015 20:53:51 | | Last Modified | 09-abr-2015 20:57:27 | |

### Image3.png NewUserWindow

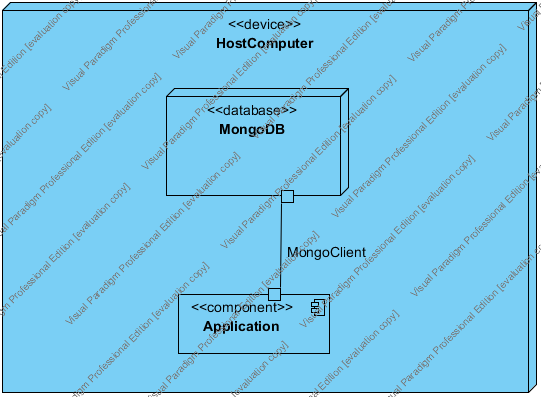
|  |  |
| --- | --- |
| **Name** | **Value** |
| Description | This class shows to the user a window where he can register new users. It uses the MongoManager in charge of storing users inside the database. |
| Active | false |
| Business Key Mutable | true |
| Business Model | false |
| Visibility | public |
| Abstract | false |
| Leaf | false |
| Root | false |
| Indirectly Instantiated | true |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | Iván | | Create Date Time | 09-abr-2015 20:45:57 | | Last Modified | 10-abr-2015 19:41:26 | |

#### Relationships

|  |  |
| --- | --- |
| **Unnamed Dependency** | |
| To | Image1.png [MongoManager](#wfdB.TKGAqACZAiF) |
| Visibility | Unspecified |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | Iván | | Create Date Time | 09-abr-2015 20:53:51 | | Last Modified | 09-abr-2015 20:57:27 | |

Deployment Diagram

# DeploymentDiagram



|  |  |
| --- | --- |
| **Name** | **Value** |
| Name | DeploymentDiagram |
| Author | ivan |
| Create Date Time | 04-mar-2015 19:49:38 |
| Last Modified | 10-abr-2015 19:52:57 |
| Show Component Attributes | false |
| Show Component Operations | false |

## Summary

|  |  |
| --- | --- |
| **Name** | **Description** |
| Image10.png [HostComputer](#UoAEZ9KGAqAUAQuk) | All the processes are executed in the same machine, the host computer. |
| Image10.png [MongoDB](#3rREZ9KGAqAUAQvb) | Chosen database where all the persistent data of the application is kept. |
| Image1.png [Application](#oP9EZ9KGAqAUAQvz) | Main application (Game) |

## Details

### Image11.png HostComputer

|  |  |
| --- | --- |
| **Name** | **Value** |
| Description | All the processes are executed in the same machine, the host computer. |
| Active | false |
| Business Key Mutable | true |
| Business Model | false |
| Visibility | public |
| Abstract | false |
| Leaf | false |
| Root | false |
| Stereotypes | device |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | ivan | | Create Date Time | 04-mar-2015 19:50:32 | | Last Modified | 10-abr-2015 19:52:57 | |

#### Nested Nodes

|  |  |
| --- | --- |
| **Name** | **Description** |
| Image11.png [MongoDB](#PrREZ9KGAqAUAQvc) | Chosen database where all the persistent data of the application is kept. |

### Image11.png MongoDB

|  |  |
| --- | --- |
| **Name** | **Value** |
| Description | Chosen database where all the persistent data of the application is kept. |
| Active | false |
| Business Key Mutable | true |
| Business Model | false |
| Visibility | public |
| Abstract | false |
| Leaf | false |
| Root | false |
| Stereotypes | database |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | ivan | | Create Date Time | 04-mar-2015 19:52:54 | | Last Modified | 10-abr-2015 19:52:57 | |

### Image4.png N/A

|  |  |
| --- | --- |
| **Name** | **Value** |
| Service | true |
| Behavior | false |
| Conjugated | false |
| Derived | false |
| Is ID | false |
| Derived Union | false |
| Aggregation | Unspecified |
| Multiplicity | Unspecified |
| Read Only | false |
| Static | false |
| Leaf | false |
| Visibility | public |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | ivan | | Create Date Time | 04-mar-2015 19:56:21 | | Last Modified | 04-mar-2015 20:01:30 | |

### Image4.png N/A

|  |  |
| --- | --- |
| **Name** | **Value** |
| Service | true |
| Behavior | false |
| Conjugated | false |
| Derived | false |
| Is ID | false |
| Derived Union | false |
| Aggregation | Unspecified |
| Multiplicity | Unspecified |
| Read Only | false |
| Static | false |
| Leaf | false |
| Visibility | public |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | ivan | | Create Date Time | 04-mar-2015 19:56:31 | | Last Modified | 04-mar-2015 20:01:30 | |

### Image3.png Application

|  |  |
| --- | --- |
| **Name** | **Value** |
| Description | Main application (Game) |
| Active | false |
| Business Key Mutable | true |
| Business Model | false |
| Visibility | public |
| Abstract | false |
| Leaf | false |
| Root | false |
| Indirectly Instantiated | true |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | ivan | | Create Date Time | 04-mar-2015 19:33:28 | | Last Modified | 10-abr-2015 19:52:57 | |

#### Children

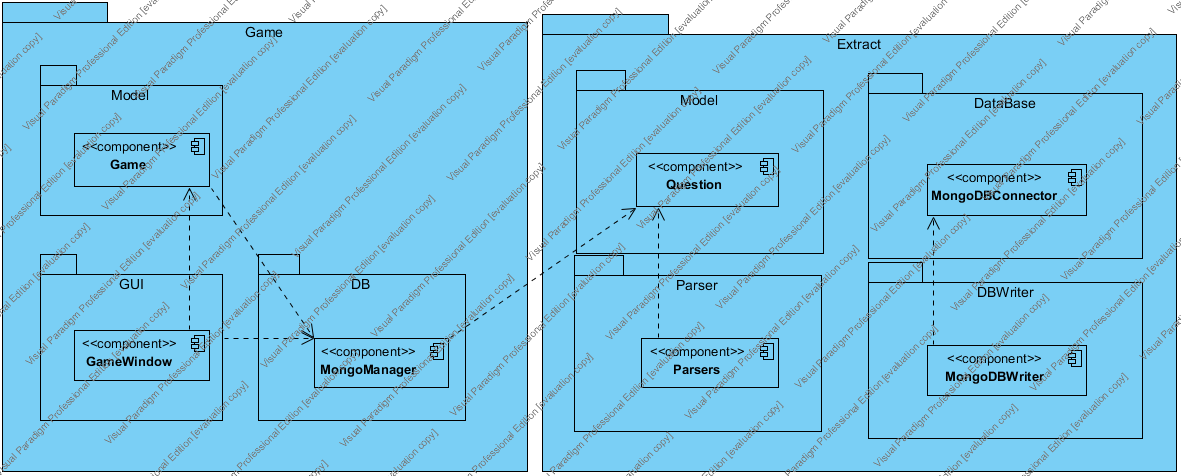
|  |  |
| --- | --- |
| **Name** | **Description** |
| Image12.png [N/A](#Hj6kZ9KGAqAUAQyu) |  |

#### Ports

|  |  |
| --- | --- |
| **Name** | **Description** |
| Image12.png [N/A](#Hj6kZ9KGAqAUAQyu) |  |

Package Diagram

# PackageDiagram



|  |  |
| --- | --- |
| **Name** | **Value** |
| Name | PackageDiagram |
| Author | ivan |
| Create Date Time | 04-mar-2015 19:06:47 |
| Last Modified | 10-abr-2015 19:52:57 |

## Summary

|  |  |
| --- | --- |
| **Name** | **Description** |
| Image7.png [Game](#_kIfp9KGAqAUAQfg) | Game module, where the logic and graphical representation of the trivial game is stored. |
| Image7.png [Extract](#YUkO.TKGAqACZAWh) | Extract module, in charge of reading the questions from a file and storing them in the database. |
| Image7.png [Model](#40eh.TKGAqACZAjL) | Contains the main logic of the application. |
| Image7.png [Model](#nks4Z9KGAqAUAQsd) | Contains the domain model classes. |
| Image7.png [DataBase](#39kAZ9KGAqAUAQgP) | Stores the classes in charge of connecting to the possible databases. |
| Image1.png [Game](#pyRh.TKGAqACZAjg) | Contains all the methods and elements necessary to play a trivial game. |
| Image1.png [Question](#rhC4Z9KGAqAUAQso) | Represents questions, storing the required data. For now it is extended by TrivialQuestion, which will be used for the trivial game but allows later development of different games. |
| Image1.png [MongoDBConnector](#04FYZ9KGAqAUAQpE) | This class contains the code necessary to manage a connection with a MongoDB database. |
| Image7.png [GUI](#641h.TKGAqACZAj3) | All the classes in charge of user interaction are inside this package. |
| Image7.png [DB](#KG9h.TKGAqACZAkY) | Classes in charge of storing Users, Statistics, etc. into the database |
| Image7.png [Parser](#cOK4Z9KGAqAUAQtE) | Contains the different parser classes for all the accepted file formats. |
| Image7.png [DBWriter](#K6I4Z9KGAqAUAQr9) |  |
| Image1.png [GameWindow](#Szth.TKGAqACZAkI) | This class is responsible for the graphical representation of the game. It makes use of the Game class inside Model package. |
| Image1.png [MongoManager](#Kfjh.TKGAqACZAko) | Classes following the MongoManager~ name are in charge of reading/writing to the database the objects which should be persistent. |
| Image1.png [Parsers](#kEO4Z9KGAqAUAQtd) | Classes in charge of interpreting different file formats and parsing them into domain model objects. |
| Image1.png [MongoDBWriter](#Pt44Z9KGAqAUAQsI) | Class with the responsibility of storing the questions in the database. |

## Details

### Image8.png Game

|  |  |
| --- | --- |
| **Name** | **Value** |
| Description | Game module, where the logic and graphical representation of the trivial game is stored. |
| Abstract | false |
| Leaf | false |
| Root | false |
| Visibility | public |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | ivan | | Create Date Time | 04-mar-2015 19:07:07 | | Last Modified | 10-abr-2015 19:41:26 | |

### Image8.png Extract

|  |  |
| --- | --- |
| **Name** | **Value** |
| Description | Extract module, in charge of reading the questions from a file and storing them in the database. |
| Abstract | false |
| Leaf | false |
| Root | false |
| Visibility | public |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | Iván | | Create Date Time | 09-abr-2015 20:28:17 | | Last Modified | 10-abr-2015 19:41:26 | |

#### Children

|  |  |
| --- | --- |
| **Name** | **Description** |
| Image7.png [Model](#nks4Z9KGAqAUAQsd) | Contains the domain model classes. |
| Image7.png [DataBase](#39kAZ9KGAqAUAQgP) | Stores the classes in charge of connecting to the possible databases. |
| Image7.png [Parser](#cOK4Z9KGAqAUAQtE) | Contains the different parser classes for all the accepted file formats. |
| Image7.png [DBWriter](#K6I4Z9KGAqAUAQr9) |  |

### Image8.png Model

|  |  |
| --- | --- |
| **Name** | **Value** |
| Description | Contains the main logic of the application. |
| Abstract | false |
| Leaf | false |
| Root | false |
| Visibility | public |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | Iván | | Create Date Time | 09-abr-2015 20:44:42 | | Last Modified | 10-abr-2015 19:41:26 | |

#### Children

|  |  |
| --- | --- |
| **Name** | **Description** |
| Image1.png [Game](#pyRh.TKGAqACZAjg) | Contains all the methods and elements necessary to play a trivial game. |
| Image3.png [User](#dAB..TKGAqACZAex) | Contains information of registered users, also includes and keeps track of their statistics. |
| Image3.png [Statistics](#IB2..TKGAqACZAek) | This object stores data that can be considered interesting, for example, to establish rankings. Number of questions answered is one of the things it keeps track of. |
| Image3.png [Position](#I7Vu.TKGAqACZAdm) | This class contains the coordinates of each square in the board. It helps in the management of player movement. |
| Image3.png [Player](#Tgqu.TKGAqACZAbu) | Relates to the players of a game, each player is related to a user and stores necessary data as the position in the board and the wedges obtained. |
| Image3.png [Square](#gNbO.TKGAqACZAZw) | Set of classes that relate to the cells of a trivial board in the trivial game. |
| Image3.png [Board](#F45O.TKGAqACZAYM) | This class represent the board in a trivial game, contains all the logic necessary to perform movements of players in the board |

### Image8.png Model

|  |  |
| --- | --- |
| **Name** | **Value** |
| Description | Contains the domain model classes. |
| Abstract | false |
| Leaf | false |
| Root | false |
| Visibility | public |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | ivan | | Create Date Time | 04-mar-2015 19:47:03 | | Last Modified | 10-abr-2015 19:41:26 | |

### Image8.png DataBase

|  |  |
| --- | --- |
| **Name** | **Value** |
| Description | Stores the classes in charge of connecting to the possible databases. |
| Abstract | false |
| Leaf | false |
| Root | false |
| Visibility | public |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | ivan | | Create Date Time | 04-mar-2015 19:16:14 | | Last Modified | 10-abr-2015 19:41:26 | |

### Image3.png Game

|  |  |
| --- | --- |
| **Name** | **Value** |
| Description | Contains all the methods and elements necessary to play a trivial game. |
| Active | false |
| Business Key Mutable | true |
| Business Model | false |
| Visibility | public |
| Abstract | false |
| Leaf | false |
| Root | false |
| Indirectly Instantiated | true |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | Iván | | Create Date Time | 09-abr-2015 20:33:03 | | Last Modified | 10-abr-2015 19:31:26 | |

#### Relationships

|  |  |
| --- | --- |
| **Unnamed Dependency** | |
| To | Image1.png [MongoManager](#Kfjh.TKGAqACZAko) |
| Visibility | Unspecified |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | Iván | | Create Date Time | 09-abr-2015 20:54:42 | | Last Modified | 09-abr-2015 20:57:27 | |

|  |  |
| --- | --- |
| **Unnamed Dependency** | |
| From | Image1.png [GameWindow](#Szth.TKGAqACZAkI) |
| Visibility | Unspecified |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | Iván | | Create Date Time | 09-abr-2015 20:45:40 | | Last Modified | 09-abr-2015 20:57:27 | |

### Image3.png Question

|  |  |
| --- | --- |
| **Name** | **Value** |
| Description | Represents questions, storing the required data. For now it is extended by TrivialQuestion, which will be used for the trivial game but allows later development of different games. |
| Active | false |
| Business Key Mutable | true |
| Business Model | false |
| Visibility | public |
| Abstract | false |
| Leaf | false |
| Root | false |
| Indirectly Instantiated | true |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | ivan | | Create Date Time | 04-mar-2015 19:27:57 | | Last Modified | 10-abr-2015 19:52:57 | |

#### Relationships

|  |  |
| --- | --- |
| **Unnamed Dependency** | |
| From | Image1.png [Parsers](#kEO4Z9KGAqAUAQtd) |
| Visibility | Unspecified |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | ivan | | Create Date Time | 04-mar-2015 19:36:49 | | Last Modified | 04-mar-2015 19:49:47 | |

|  |  |
| --- | --- |
| **Unnamed Dependency** | |
| From | Image1.png [MongoManager](#Kfjh.TKGAqACZAko) |
| Visibility | Unspecified |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | Iván | | Create Date Time | 09-abr-2015 20:54:50 | | Last Modified | 09-abr-2015 20:57:27 | |

### Image3.png MongoDBConnector

|  |  |
| --- | --- |
| **Name** | **Value** |
| Description | This class contains the code necessary to manage a connection with a MongoDB database. |
| Active | false |
| Business Key Mutable | true |
| Business Model | false |
| Visibility | public |
| Abstract | false |
| Leaf | false |
| Root | false |
| Indirectly Instantiated | true |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | ivan | | Create Date Time | 04-mar-2015 19:37:25 | | Last Modified | 10-abr-2015 19:41:26 | |

#### Relationships

|  |  |
| --- | --- |
| **Unnamed Dependency** | |
| From | Image1.png [MongoDBWriter](#Pt44Z9KGAqAUAQsI) |
| Visibility | Unspecified |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | ivan | | Create Date Time | 04-mar-2015 19:42:43 | | Last Modified | 04-mar-2015 19:49:47 | |

### Image8.png GUI

|  |  |
| --- | --- |
| **Name** | **Value** |
| Description | All the classes in charge of user interaction are inside this package. |
| Abstract | false |
| Leaf | false |
| Root | false |
| Visibility | public |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | Iván | | Create Date Time | 09-abr-2015 20:45:15 | | Last Modified | 10-abr-2015 19:41:26 | |

#### Children

|  |  |
| --- | --- |
| **Name** | **Description** |
| Image1.png [GameWindow](#Szth.TKGAqACZAkI) | This class is responsible for the graphical representation of the game. It makes use of the Game class inside Model package. |
| Image3.png [NewUserWindow](#4AMB.TKGAqACZAhk) | This class shows to the user a window where he can register new users. It uses the MongoManager in charge of storing users inside the database. |

#### Relationships

|  |  |
| --- | --- |
| **Unnamed Dependency** | |
| To | Image1.png [MongoManager](#Kfjh.TKGAqACZAko) |
| Visibility | Unspecified |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | Iván | | Create Date Time | 09-abr-2015 20:48:56 | | Last Modified | 09-abr-2015 20:57:27 | |

### Image8.png DB

|  |  |
| --- | --- |
| **Name** | **Value** |
| Description | Classes in charge of storing Users, Statistics, etc. into the database |
| Abstract | false |
| Leaf | false |
| Root | false |
| Visibility | public |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | Iván | | Create Date Time | 09-abr-2015 20:46:23 | | Last Modified | 10-abr-2015 19:41:26 | |

#### Children

|  |  |
| --- | --- |
| **Name** | **Description** |
| Image1.png [MongoManager](#Kfjh.TKGAqACZAko) | Classes following the MongoManager~ name are in charge of reading/writing to the database the objects which should be persistent. |

### Image8.png Parser

|  |  |
| --- | --- |
| **Name** | **Value** |
| Description | Contains the different parser classes for all the accepted file formats. |
| Abstract | false |
| Leaf | false |
| Root | false |
| Visibility | public |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | ivan | | Create Date Time | 04-mar-2015 19:47:33 | | Last Modified | 10-abr-2015 19:52:57 | |

### Image8.png DBWriter

|  |  |
| --- | --- |
| **Name** | **Value** |
| Abstract | false |
| Leaf | false |
| Root | false |
| Visibility | public |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | ivan | | Create Date Time | 04-mar-2015 19:46:27 | | Last Modified | 09-abr-2015 20:32:31 | |

### Image3.png GameWindow

|  |  |
| --- | --- |
| **Name** | **Value** |
| Description | This class is responsible for the graphical representation of the game. It makes use of the Game class inside Model package. |
| Active | false |
| Business Key Mutable | true |
| Business Model | false |
| Visibility | public |
| Abstract | false |
| Leaf | false |
| Root | false |
| Indirectly Instantiated | true |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | Iván | | Create Date Time | 09-abr-2015 20:45:26 | | Last Modified | 10-abr-2015 19:41:26 | |

#### Relationships

|  |  |
| --- | --- |
| **Unnamed Dependency** | |
| To | Image1.png [Game](#pyRh.TKGAqACZAjg) |
| Visibility | Unspecified |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | Iván | | Create Date Time | 09-abr-2015 20:45:40 | | Last Modified | 09-abr-2015 20:57:27 | |

### Image3.png MongoManager

|  |  |
| --- | --- |
| **Name** | **Value** |
| Description | Classes following the MongoManager~ name are in charge of reading/writing to the database the objects which should be persistent. |
| Active | false |
| Business Key Mutable | true |
| Business Model | false |
| Visibility | public |
| Abstract | false |
| Leaf | false |
| Root | false |
| Indirectly Instantiated | true |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | Iván | | Create Date Time | 09-abr-2015 20:48:20 | | Last Modified | 10-abr-2015 19:41:26 | |

#### Relationships

|  |  |
| --- | --- |
| **Unnamed Dependency** | |
| To | Image1.png [Question](#rhC4Z9KGAqAUAQso) |
| Visibility | Unspecified |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | Iván | | Create Date Time | 09-abr-2015 20:54:50 | | Last Modified | 09-abr-2015 20:57:27 | |

|  |  |
| --- | --- |
| **Unnamed Dependency** | |
| From | Image7.png [GUI](#641h.TKGAqACZAj3) |
| Visibility | Unspecified |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | Iván | | Create Date Time | 09-abr-2015 20:48:56 | | Last Modified | 09-abr-2015 20:57:27 | |

|  |  |
| --- | --- |
| **Unnamed Dependency** | |
| From | Image1.png [Game](#pyRh.TKGAqACZAjg) |
| Visibility | Unspecified |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | Iván | | Create Date Time | 09-abr-2015 20:54:42 | | Last Modified | 09-abr-2015 20:57:27 | |

### Image3.png Parsers

|  |  |
| --- | --- |
| **Name** | **Value** |
| Description | Classes in charge of interpreting different file formats and parsing them into domain model objects. |
| Active | false |
| Business Key Mutable | true |
| Business Model | false |
| Visibility | public |
| Abstract | false |
| Leaf | false |
| Root | false |
| Indirectly Instantiated | true |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | ivan | | Create Date Time | 04-mar-2015 19:32:47 | | Last Modified | 10-abr-2015 19:52:57 | |

#### Children

|  |  |
| --- | --- |
| **Name** | **Description** |
| Image3.png [GIFTParser](#eAUIZ9KGAqAUAQh2) |  |
| Image3.png [XMLParser](#ZCcIZ9KGAqAUAQiI) |  |

#### Relationships

|  |  |
| --- | --- |
| **Unnamed Dependency** | |
| To | Image1.png [Question](#rhC4Z9KGAqAUAQso) |
| Visibility | Unspecified |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | ivan | | Create Date Time | 04-mar-2015 19:36:49 | | Last Modified | 04-mar-2015 19:49:47 | |

#### Resident Components

|  |  |
| --- | --- |
| **Name** | **Description** |
| Image3.png [GIFTParser](#eAUIZ9KGAqAUAQh2) |  |
| Image3.png [XMLParser](#ZCcIZ9KGAqAUAQiI) |  |

### Image3.png MongoDBWriter

|  |  |
| --- | --- |
| **Name** | **Value** |
| Description | Class with the responsibility of storing the questions in the database. |
| Active | false |
| Business Key Mutable | true |
| Business Model | false |
| Visibility | public |
| Abstract | false |
| Leaf | false |
| Root | false |
| Indirectly Instantiated | true |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | ivan | | Create Date Time | 04-mar-2015 19:36:57 | | Last Modified | 10-abr-2015 19:52:57 | |

#### Relationships

|  |  |
| --- | --- |
| **Unnamed Dependency** | |
| To | Image1.png [MongoDBConnector](#04FYZ9KGAqAUAQpE) |
| Visibility | Unspecified |
| Project Management | |  |  | | --- | --- | | **Name** | **Value** | | Author | ivan | | Create Date Time | 04-mar-2015 19:42:43 | | Last Modified | 04-mar-2015 19:49:47 | |