Trivial game

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Table of Contents

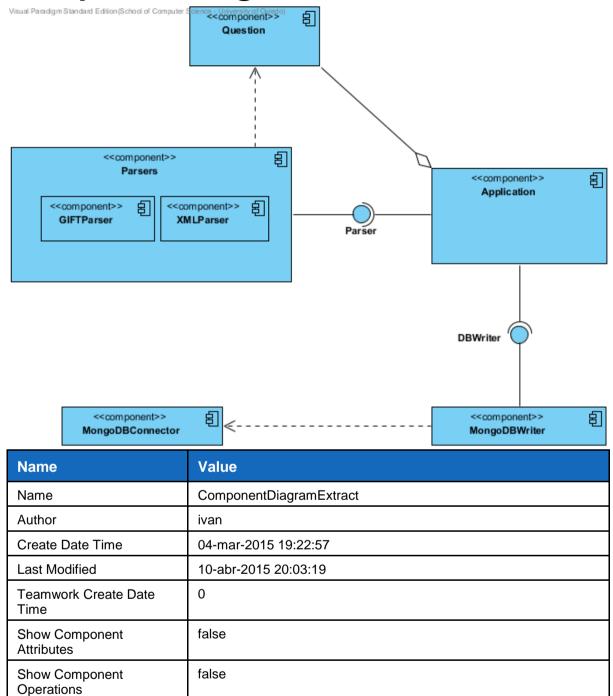
ComponentDiagramExtract	3
Component DiagramGame	
DeploymentDiagram	31
Package Diagram	39

Table of Figures

ComponentDiagramExtract	3
Component DiagramGame	
DeploymentDiagram	
PackageDiagram	

Component Diagram

ComponentDiagramExtract



Summary

Name	Description
Question	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.
Parsers	Classes in charge of interpreting different file formats and parsing them into domain model objects.
Application	Main application (Game)
GIFTParser	
XMLParser	
Parser	
DBWriter	
MongoDBConne ctor	This class contains the code necessary to manage a connection with a MongoDB database.
MongoDBWriter	Class with the responsibility of storing the questions in the database.

Details

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

Unnamed Association				
From	Name	Value		
	End Model Element	Application		
	Provide Property Getter Method	false		
	Provide Property Setter Method	false	false	
	Multiplicity	Unsp	ecified	
	Visibility	Unsp	ecified	
	Aggregation Kind	Shar	ed	
	Navigable	Navi	gable	
	Derived	false		
	Derived Union	false false false false false Application Name Value		
	Read Only			
	Static			
	Leaf			
	Туре			
	Project Management			Value
		Auth	or	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		19:36:22	
	Last Modified		09-abr-2015 20:32:31	

Unnamed Dependency		
From	Parsers	
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

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
■ GIFTParser	
XMLParser	

Relationships

Unnamed Dependency

То	Question	
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	Parser	
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
GIFTParser	
XMLParser	

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 07-may-2015 13:02:58

Children

Name	Description
₱ N/A	
₱ N/A	

Unnamed Usage		
То	Parser	
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			
То	Name	Value	
	End Model Element	Question	
	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	
	Туре	Question	
	Project Management	Name	Value

		Auth	or	ivan
		Crea	te 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			
То	DBWriter		
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	

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	

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

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

Unnamed Realization		
То	Parsers	
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	Application		
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	

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

Unnamed Realization		
То	MongoDBWriter	
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	Application	
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

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

Unnamed Dependency		
From	MongoDBWriter	
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

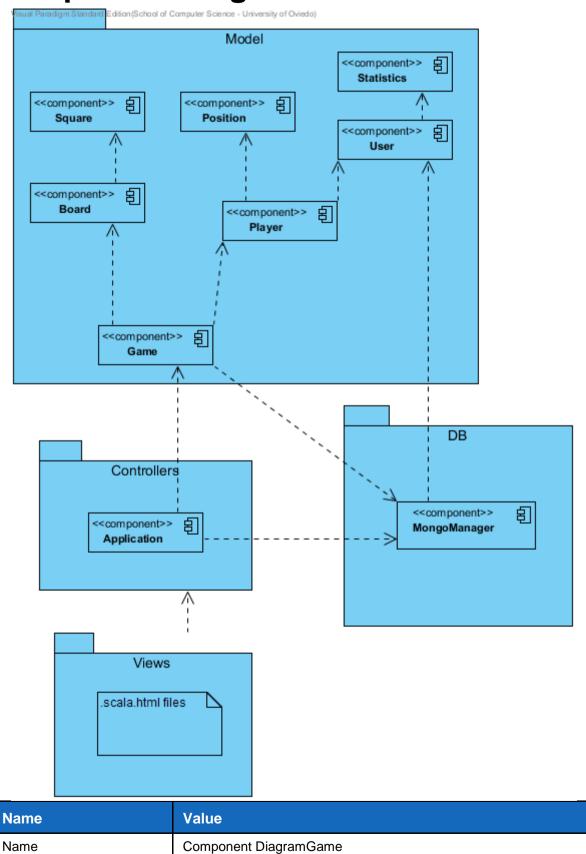
MongoDBWriter

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

Unnamed Dependency		
То	MongoDBConnector	
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	Realization	
From	DBWriter	
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



Author	Iván
Create Date Time	09-abr-2015 20:29:28
Last Modified	07-may-2015 13:06:28
Teamwork Create Date Time	0
Show Component Attributes	false
Show Component Operations	false

Summary

News	Description
Name	Description
Model	Contains the main logic of the application.
Statistics	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.
Square	Set of classes that relate to the cells of a trivial board in the trivial game.
Position	This class contains the coordinates of each square in the board. It helps in the management of player movement.
User	Contains information of registered users, also includes and keeps track of their statistics.
Board	This class represent the board in a trivial game, contains all the logic necessary to perform movements of players in the board
Player	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.
a Game	Contains all the methods and elements necessary to play a trivial game.

□ DB	Classes in charge of storing Users, Statistics, etc. into the database
Controllers	All the classes in charge of coordinating the Model and the Views
MongoManager	Classes following the MongoManager~ name are in charge of reading/writing to the database the objects which should be persistent.
Application	Main controller of the application
Views	
■ N/A	.scala.html files

Details

Model

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

Children

Name	Description
Statistics	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.

Square	Set of classes that relate to the cells of a trivial board in the trivial game.
Position	This class contains the coordinates of each square in the board. It helps in the management of player movement.
User	Contains information of registered users, also includes and keeps track of their statistics.
■ Board	This class represent the board in a trivial game, contains all the logic necessary to perform movements of players in the board
1 Player	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.
a Game	Contains all the methods and elements necessary to play a trivial game.

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	lván
	Create Date Time	09-abr-2015 20:42:38
	Last Modified	10-abr-2015 19:31:26

Relationships

Unnamed Dependency		
From	■ User	
Visibility	Unspecified	
Project Management	Name Value	
	Author	lván
	Create Date Time	09-abr-2015 20:44:02
	Last Modified	09-abr-2015 20:45:39

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	lván
	Create Date Time	09-abr-2015 20:31:23
	Last Modified	10-abr-2015 19:31:26

Relationships

Unnamed Dependency		
From	■ Board	
Visibility	Unspecified	
Project Management	Name Value	
	Author	lván
	Create Date Time	09-abr-2015 20:43:54
	Last Modified	09-abr-2015 20:45:39

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	lván
	Create Date Time	09-abr-2015 20:34:57
	Last Modified	10-abr-2015 19:31:26

Unnamed Dependency		
From	Player	
Visibility	Unspecified	
Project Management	Name	Value
	Author	lván

Create Date Time	09-abr-2015 20:43:38
Last Modified	09-abr-2015 20:45:39

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	lván
	Create Date Time	09-abr-2015 20:42:57
	Last Modified	10-abr-2015 19:31:26

Unnamed Dependency		
То	1 Statistics	
Visibility	Unspecified	
Project Management	Name Value	
	Author	lván
	Create Date Time	09-abr-2015 20:44:02
	Last Modified	09-abr-2015 20:45:39
Unnamed Dependency		
From	1 Player	
Visibility	Unspecified	
Project Management	Name	Value
	Author	lván

Create Date Time	09-abr-2015 20:43:59
Last Modified	09-abr-2015 20:45:39

Unnamed Dependency		
From	MongoManager	
Visibility	Unspecified	
Project Management	Name Value	
	Author	lván
	Create Date Time	09-abr-2015 20:49:12
	Last Modified	09-abr-2015 20:57:27

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	lván
	Create Date Time	09-abr-2015 20:30:19
	Last Modified	10-abr-2015 19:31:26

Unnamed Dependency	
То	■ Square
Visibility	Unspecified

Project Management	Name	Value
	Author	lván
	Create Date Time	09-abr-2015 20:43:54
	Last Modified	09-abr-2015 20:45:39
Unnamed Dependency		
From	■ Game	
Visibility	Unspecified	
Project Management	Name	Value
	Author	lván
	Create Date Time	09-abr-2015 20:43:30
	Last Modified	09-abr-2015 20:45:39

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	lván
	Create Date Time	09-abr-2015 20:33:27
	Last Modified	10-abr-2015 19:31:26

Relationships

Unnamed Dependency

То	Position	
Visibility	Unspecified	
Project Management	Name Value	
	Author	lván
	Create Date Time	09-abr-2015 20:43:38
	Last Modified	09-abr-2015 20:45:39

Unnamed Dependency			
То	1 User		
Visibility	Unspecified		
Project Management	Name Value		
	Author	lván	
	Create Date Time	09-abr-2015 20:43:59	
	Last Modified	09-abr-2015 20:45:39	
Unnamed Dependency	Dependency		
From	■ Game		
Visibility	Unspecified		
Project Management	Name	Value	
	Author	lván	
	Create Date Time	09-abr-2015 20:43:35	
	Last Modified	09-abr-2015 20:45:39	

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	lván
	Create Date Time	09-abr-2015 20:33:03
	Last Modified	07-may-2015 13:02:58

Unnamed Dependency		
То	■ Board	
Visibility	Unspecified	
Project Management	Name Value	
	Author	lván
	Create Date Time	09-abr-2015 20:43:30
	Last Modified	09-abr-2015 20:45:39

Unnamed Dependency		
То	Player	
Visibility	Unspecified	
Project Management	Name Value	
	Author	lván
	Create Date Time	09-abr-2015 20:43:35
	Last Modified	09-abr-2015 20:45:39

Unnamed Dependency		
То	MongoManager	
Visibility	Unspecified	
Project Management	Name Value	
	Author	lván
	Create Date Time	09-abr-2015 20:53:24
	Last Modified	09-abr-2015 20:57:27
Unnamed Dependency		
From	Application	
Visibility	Unspecified	
Project Management	Name	Value

Author	ivan
Create Date Time	07-may-2015 12:57:24
Last Modified	07-may-2015 13:06:15

DB

Name	Value	
Description	Classes in charge Statistics, etc. i	
Abstract	false	
Leaf	false	
Root	false	
Visibility	public	
Project Management	Name	Value
	Author	lván
	Create Date Time	09-abr-2015 20:46:23
	Last Modified	10-abr-2015 19:41:26

Children

Name	Description
MongoManager	Classes following the MongoManager~ name are in charge of
	reading/writing to the database the objects which should be persistent.

Controllers

Name	Value
Description	All the classes in charge of coordinating the Model and the Views
Abstract	false
Leaf	false
Root	false
Visibility	public

Project Management	Name	Value
	Author	lván
	Create Date Time	09-abr-2015 20:45:15
	Last Modified	07-may-2015 13:06:15

Children

Name	Description
Application	Main controller of the application
a GameWindow	This class is responsible for the graphical representation of the game. It makes use of the Game class inside Model package.

Relationships

Unnamed Dependency		
From	Views	
Visibility	Unspecified	
Project Management	Name	Value
	Author	ivan
	Create Date Time	07-may-2015 12:58:47
	Last Modified	07-may-2015 13:02:58

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	07-may-2015 13:02:58

Relationships

Unnamed Dependency		
То	■ User	
Visibility	Unspecified	
Project Management	Name	Value
	Author	lván
	Create Date Time	09-abr-2015 20:49:12
	Last Modified	09-abr-2015 20:57:27
Unnamed Dependency		
From	■ Game	
Visibility	Unspecified	
Project Management	Name	Value
	Author	lván
	Create Date Time	09-abr-2015 20:53:24
	Last Modified	09-abr-2015 20:57:27

Unnamed Dependency		
From	Application	
Visibility	Unspecified	
Project Management	Name	Value
	Author	ivan
	Create Date Time	07-may-2015 12:57:43
	Last Modified	07-may-2015 13:06:15

Application

Name Value

Description	Main controller of	the application
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	07-may-2015 12:57:01
	Last Modified	07-may-2015 13:06:15

Relationships

Unnamed Dependency		
То	a Game	
Visibility	Unspecified	
Project Management	Name	Value
	Author	ivan
	Create Date Time	07-may-2015 12:57:24
	Last Modified	07-may-2015 13:06:15

Unnamed Dependency		
То	MongoManager	
Visibility	Unspecified	
Project Management	Name	Value
	Author	ivan
	Create Date Time	07-may-2015 12:57:43
	Last Modified	07-may-2015 13:06:15

Views

Name	Value
Abstract	false

Leaf	false	
Root	false	
Visibility	public	
Project Management	Name	Value
	Author	ivan
	Create Date Time	07-may-2015 12:57:47
	Last Modified	07-may-2015 13:02:58

Children

Name	Description
■ N/A	.scala.html files

Relationships

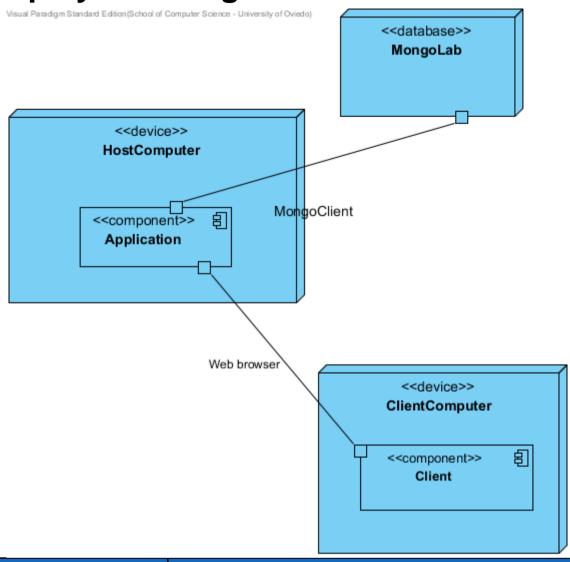
Unnamed Dependency		
То	Controllers	
Visibility	Unspecified	
Project Management	Name	Value
	Author	ivan
	Create Date Time	07-may-2015 12:58:47
	Last Modified	07-may-2015 13:02:58

N/A

Name	Value	
Description	.scala.html files	
Project Management	Name Value	
	Author	ivan
	Create Date Time	07-may-2015 12:58:08
	Last Modified	07-may-2015 13:02:58

Deployment Diagram

DeploymentDiagram



Name	Value
Name	DeploymentDiagram
Author	ivan
Create Date Time	04-mar-2015 19:49:38
Last Modified	07-may-2015 13:06:28
Teamwork Create Date Time	0
Show Component Attributes	false
Show Component Operations	false

Summary

Name	Description
MongoLab	Instead of using MongoDB in the host computer, we have moved the database to this server
HostComputer	Computer hosting the application server
Application	Main application (Game)
ClientComputer	Might be the same computer as the host or a different one connecting to the server
Client	Client application using our application's api, Trivial will be played on a browser

Details

MongoLab

Name	Value	
Description	Instead of using MongoDB in the host computer, we have moved the database to this server	
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 07-may-2015 13:02:58	

HostComputer

Name	Value	
Description	Computer hosting t	he application
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	07-may-2015 13:02:58

■ N/A

Name	Value		
Service	true	true	
Behavior	false	false	
Conjugated	false		
Derived	false	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	



Name	Value		
Service	true		
Behavior	false	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	

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 07-may-2015 13:02:58

Children

Name	Description
₱ N/A	
₱ N/A	

Ports

Name	Description
∮ N/A	
₱ N/A	

■ N/A

Name	Value		
Service	true		
Behavior	false		
Conjugated	false		
Derived	false	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	07-may-2015 13:00:28	
	Last Modified	07-may-2015 13:02:58	

ClientComputer

Name	Value		
Description	Might be the same computer as the host or a different one connecting to the server		
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	07-may-2015 12:59:44	
	Last Modified 07-may-2015 13:02:58		

Resident Components

Name	Description
Client	Client application using our application's api, Trivial will be played on a browser

■ 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	07-may-2015 13:00:25
	Last Modified	07-may-2015 13:02:58

Client

Name	Value	
Description	Client application using our application's api, Trivial will be played on a browser	
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	07-may-2015 12:59:58
	Last Modified	07-may-2015 13:02:58

Children

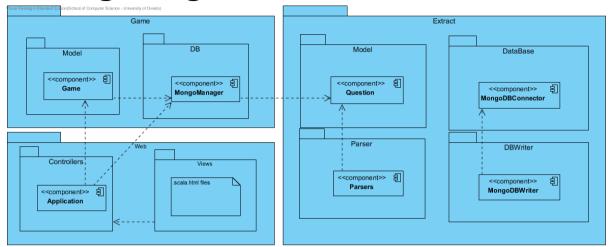
Name	Description
♦ N/A	

Ports

Name	Description
♦ N/A	

Package Diagram

PackageDiagram



Name	Value
Name	PackageDiagram
Author	ivan
Create Date Time	04-mar-2015 19:06:47
Last Modified	07-may-2015 13:06:36
Teamwork Create Date Time	0

Summary

Name	Description
Game	Game module, where the logic and graphical representation of the trivial game is stored.
Extract	Extract module, in charge of reading the questions from a file and storing them in the database.
□ DB	Classes in charge of storing Users, Statistics, etc. into the database
Model	Contains the domain model classes.
DataBase	Stores the classes in charge of connecting to the possible databases.
Model	Contains the main logic of the application.

a Game	Contains all the methods and elements necessary to play a trivial game.
MongoManager	Classes following the MongoManager~ name are in charge of reading/writing to the database the objects which should be persistent.
Question	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.
MongoDBConne ctor	This class contains the code necessary to manage a connection with a MongoDB database.
Parser	Contains the different parser classes for all the accepted file formats.
□ Web	
DBWriter	
Controllers	All the classes in charge of coordinating the Model and the Views
Views	
Parsers	Classes in charge of interpreting different file formats and parsing them into domain model objects.
MongoDBWriter	Class with the responsibility of storing the questions in the database.
Application	Main controller of the application
■ N/A	.scala.html files

Details

Game

Name	Value	
Description	Game module, where the logic and	
	graphical representation of the	

	trivial game is st	ored.
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

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	lván
	Create Date Time	09-abr-2015 20:28:17
	Last Modified	10-abr-2015 19:41:26

Children

Name	Description
Model	Contains the domain model classes.
DataBase	Stores the classes in charge of connecting to the possible databases.
Parser	Contains the different parser classes for all the accepted file formats.
DBWriter	



Name	Value		
Description	Classes in charge of storing Users, Statistics, etc. into the database		
Abstract	false	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
MongoManager	Classes following the MongoManager~ name are in charge of reading/writing to the database the
	objects which should be persistent.

Model

Name	Value	
Description	Contains the domai	n 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	

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	

Model

Name	Value		
Description	Contains the main logic of the application.		
Abstract	false	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
a Game	Contains all the methods and elements necessary to play a trivial game.
User	Contains information of registered users, also includes and keeps

	track of their statistics.	
Statistics	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.	
Position	This class contains the coordinates of each square in the board. It helps in the management of player movement.	
Player	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.	
Square	Set of classes that relate to the cells of a trivial board in the trivial game.	
Board	This class represent the board in a trivial game, contains all the logic necessary to perform movements of players in the board	

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	lván
	Create Date Time	09-abr-2015 20:33:03
	Last Modified	07-may-2015 13:02:58

Relationships

Unnamed Dependency			
То	MongoManager		
Visibility	Unspecified		
Project Management	Name Value		
	Author	lván	
	Create Date Time	09-abr-2015 20:54:42	
	Last Modified	09-abr-2015 20:57:27	
Unnamed Dependency	су		
From	Application		
Visibility	Unspecified		
Project Management	Name Value		
	Author	ivan	
	Create Date Time	07-may-2015 12:57:24	
	Last Modified	07-may-2015 13:06:15	

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	lván
	Create Date Time	09-abr-2015 20:48:20
	Last Modified	07-may-2015 13:02:58

Relationships

Unnamed Dependency			
То	Question		
Visibility	Unspecified		
Project Management	Name	Value	
	Author	lván	
	Create Date Time	09-abr-2015 20:54:50	
	Last Modified	09-abr-2015 20:57:27	
Unnamed Dependency	у		
From	■ Game		
Visibility	Unspecified		
Project Management	Name Value		
	Author	lván	
	Create Date Time	09-abr-2015 20:54:42	
	Last Modified	09-abr-2015 20:57:27	

Unnamed Dependency			
From	Application		
Visibility	Unspecified		
Project Management	Name Value		
	Author	ivan	
	Create Date Time	07-may-2015 12:57:43	
	Last Modified	07-may-2015 13:06:15	

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	Parsers		
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	MongoManager	
Visibility	Unspecified	
Project Management	Name Value	
	Author	lván
	Create Date Time	09-abr-2015 20:54:50
	Last Modified	09-abr-2015 20:57:27

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	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	MongoDBWriter	
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

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

Web

Name	Value	
Abstract	false	
Leaf	false	
Root	false	
Visibility	public	
Project Management	Name Value	
	Author	ivan
	Create Date Time	07-may-2015 13:04:19
	Last Modified	07-may-2015 13:06:15

Children

Name	Description
Views	

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

Controllers

Name	Value	
Description	All the classes in charge of coordinating the Model and the Views	
Abstract	false	
Leaf	false	
Root	false	
Visibility	public	
Project Management	Name	Value
	Author	lván
	Create Date Time	09-abr-2015 20:45:15
	Last Modified	07-may-2015 13:06:15

Children

Name	Description
Application	Main controller of the application
a GameWindow	This class is responsible for the graphical representation of the game. It makes use of the Game class inside Model package.

Relationships

Unnamed Dependency		
From	Views	
Visibility	Unspecified	
Project Management	Name	Value
	Author	ivan
	Create Date Time	07-may-2015 13:05:09
	Last Modified	07-may-2015 13:06:15

Views

Abstract	false	
Leaf	false	
Root	false	
Visibility	public	
Project Management	Name	Value
	Author	ivan
	Create Date Time	07-may-2015 13:03:35
	Last Modified	07-may-2015 13:06:15

Children

Name	Description
N/A	.scala.html files

Relationships

Unnamed Dependency			
То	Controllers		
Visibility	Unspecified		
Project Management	Name	Value	
	Author	ivan	
	Create Date Time	07-may-2015 13:05:09	
	Last Modified	07-may-2015 13:06:15	

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
■ GIFTParser	
XMLParser	

Relationships

Unnamed Dependency		
То	Question	
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
■ GIFTParser	
XMLParser	

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	public	
Abstract	false	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		
То	MongoDBConnector	
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

Application

Name	Value		
Description	Main controller of	the application	
Active	false	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	07-may-2015 12:57:01
Last Modified	07-may-2015 13:06:15

Relationships

Unnamed Dependency		
То	■ Game	
Visibility	Unspecified	
Project Management	Name Value	
	Author	ivan
	Create Date Time	07-may-2015 12:57:24
	Last Modified	07-may-2015 13:06:15

Unnamed Dependency			
То	MongoManager		
Visibility	Unspecified		
Project Management	Name Value		
	Author	ivan	
	Create Date Time	07-may-2015 12:57:43	
	Last Modified	07-may-2015 13:06:15	

■ N/A

Name	Value	
Description	.scala.html files	
Project Management	Name Value	
	Author	ivan
	Create Date Time	07-may-2015 13:03:53
	Last Modified	07-may-2015 13:06:15