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| Documentation Trivial 1iB | **Version 1.0** | |
| Ana Areces González (anareces)  Raquel Arrojo López (raquelarrojo)  David Casado Corona (dcasado)  María González (meri294)  Álvaro Palanco Lorenzo (alvaropalanco)  Iván Sánchez (uo230364) | |  |

MANUAL

This manual is about the general information about how to deal with the module. This module receives an file in predefine JSON format and returns a new file to store in a DataBase.

There are to different manuals that are going to be describe

**User manual** that explains the use than a normal user is going to do with it by using the interface.

**System manual** that explains the code to other developers which are going to extend the app in the future. Or that they need to do any changes on the source code. The intention of this manual is being able to understand in a short period of time the functionality and the relations of the application.

User manual

System manual

# Implemented Classes

## Main

This class only has the task to launch the application. It reads the name of the input and calls to the appropriate class to parser the file.

## Question

This is an interface that generates the model to the Question objects. In this case the attribute has two abstract methods to add to the main fields that are:

* getQuestion()
* getAnswers()

## DBConnector

Interface in which we determine the method that is shared between all the different types of connectors (getConnection()).

## MongoDBConnector

Specific connector for Mongo DB. In this class there is an attribute called mongo that is the client used for saving the data. It has a private method in order to create the connection used in the getConnection method in case there is not already an established connection. In case the connection cannot be established a message is shown.

## DBWriter

Interface used in order to provide a common method for all the writers for the different databases which allows to insert questions.

## MongoDBWriter

Class used to save the different questions in MongoDB. It is composed by several private methods, all of them used in order be used in the public method insertQuestions. The private methods are:

-createEntries()

-addQuestions()

We have used the Mongo Java driver (version 2.10.1) in order to build this class.