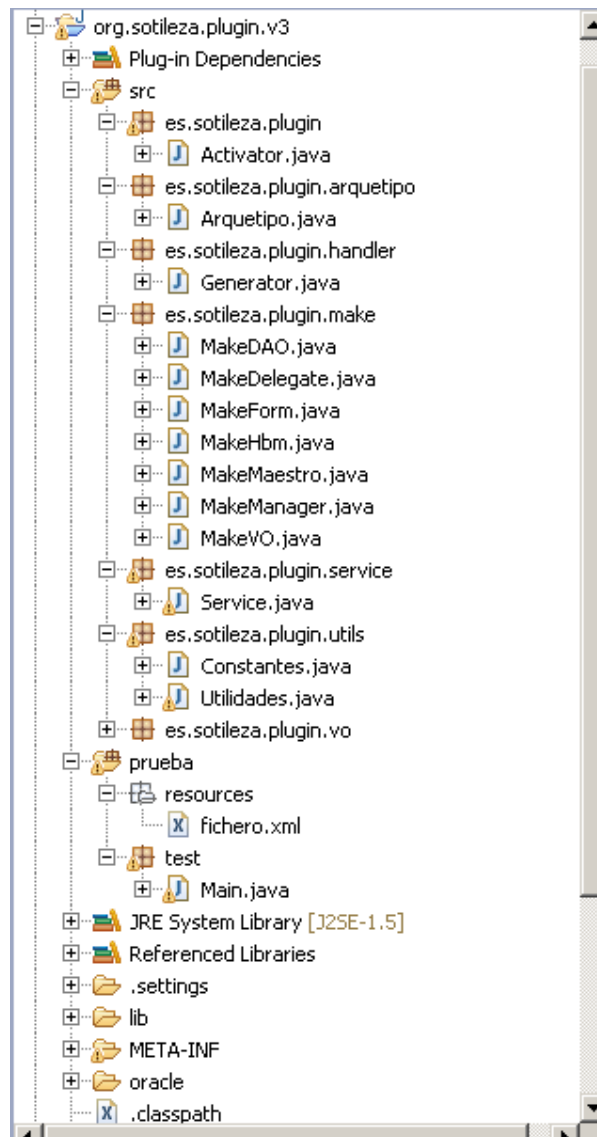


Plugin structure

Plugin sources are contained in the directory `org.sotileza.plugin.v3` and show the following package structure:



Package contents

- **es.sotileza.plugin.arquetipo**
 - o In this package you can find a class that contains the methods we need to generate all the folder and files structure that will compose the final application.
- **es.sotileza.plugin.handler**
 - o This package contains the class that can be run when we execute Sotilizator from Eclipse.

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- **es.sotileza.plugin.make**
 - In this package we see the classes in charge of generating all application the business logic. There is a class for each layer.
- **es.sotileza.plugin.service**
 - This package incorporates the class that parses the initial .xml folder and is in charge of obtaining from the data base all the fields from it.
- **es.sotileza.plugin.utils**
 - Here we can find the different variables and support tools and that are used in the rest of the plugin.
- **es.sotileza.plugin.vo**
 - Here there are the objects that would contain the information to be used to generate the applications. It is important to mention:
 - TablaVO: It brings together the necessary data from a DB.
 - CampoVO: Each of the fields that consists a tablaVO.
 - FkVO: It is used when the field from the table refers to another table. That is to say, a foreign key.
 - SetVO: It contains the data from a collection that belongs to another table and that is linked to tablaVO.

For example: An author has written many books. Therefore on author's tablaVO there should be a SetVO with the author's books.
 - ArquetipoVO: It contains the data meant on the .xml folder.

Testing the changes

If you make a change on the plugin and want to test it, it is not necessary that you make all the plugin creation process. You just have to run `prueba.test.Main.java`.

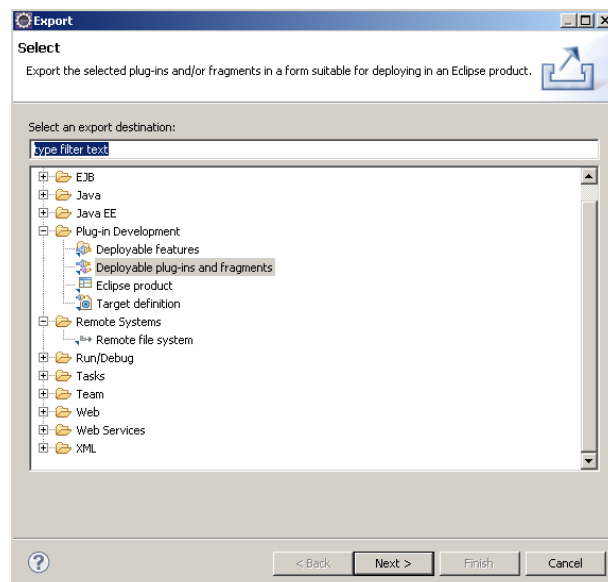
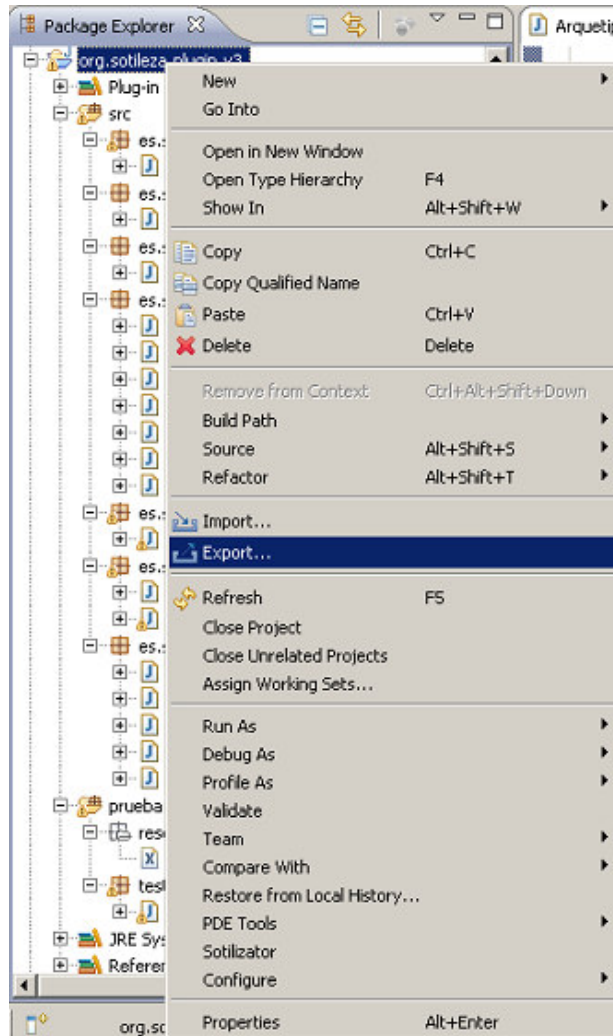
In order to work you have to change line 106 and 68 from `Arquetipo.java` folder so that it can find the directory from archetype `org.sotileza.plugin.resources`. As follows:

```
//raiz = new File("plugins/org.sotileza.plugin.resources/resources");  
raiz = new File("C:/Documents and  
Settings/Administrador/Escritorio/eclipse/plugins/org.sotileza.plugin.  
resources/resourcesClasses");
```

instead of:

```
raiz = new File("plugins/org.sotileza.plugin.resources/resources");  
//raiz = new File("C:/Documents and  
Settings/Administrador/Escritorio/eclipse/plugins/org.sotileza.plugin.  
resources/resources");
```

Generating a new version



SOTILIZATOR

