

Université PARIS EST CRETEIL

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# USER GUIDE : Projet de Synthèse Mapping

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## I. Automatic mapping.

The goal of the program is to place the different stores in the maps of the Phygital Mall.

Before running the program MappingServerEspada.jar, ensure you that the database server is running.

When the server starts its mapping program, it returns a popup message : Serveur lancé.

It will place store in specific location according to the conditions of the algorithm.

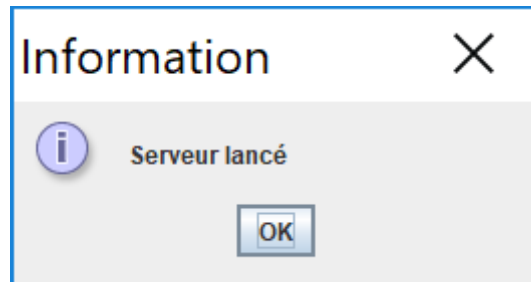


Figure 1 : Server information

You can find a text file « Location » which save the location of the stores.

Be careful, sometimes the server can not place every store in the mall. So it will write them in the text file to help the mall admin to place them manually.



Figure 2 : Location text field

## II. Managing mapping

The admin of the mall has the possibility to place manually the store. Indeed he has at his disposal a program « MappingClientEspada.jar » to do that.

A window with text fields will be appear. You must have to fill out the form with the exact name of the store and the emplacement. See the example below.

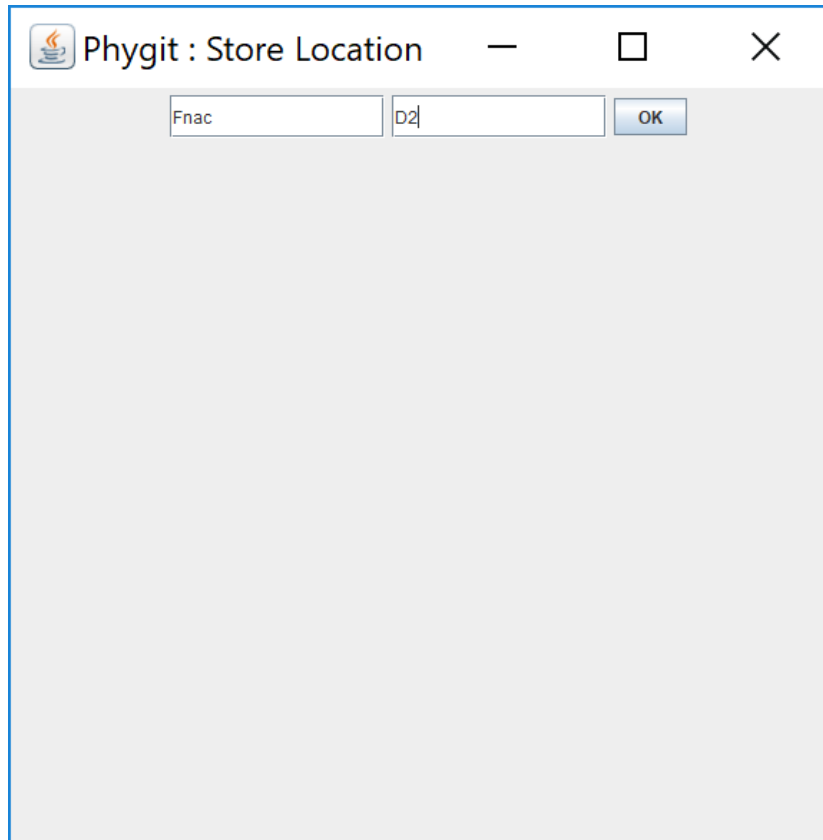


Figure 3 : Manual maping form

If you fill correctly the form , the message in the window « Envoyé » will appear.

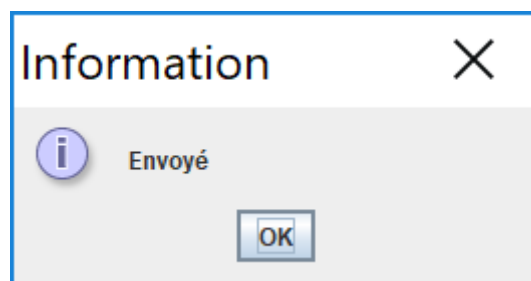
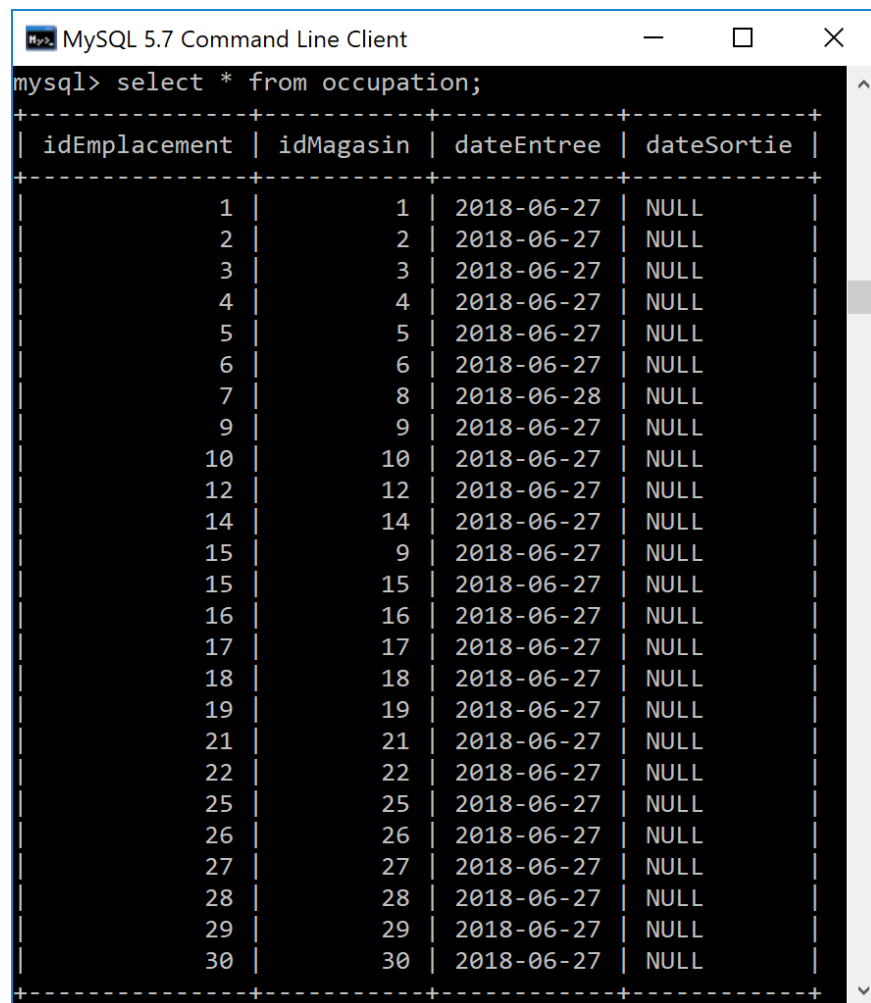


Figure 4 : Manual mapping confirmation

You can check the list of the mapping on the database to verify the proper functioning of the program.



The screenshot shows a MySQL 5.7 Command Line Client window. The command prompt shows the command `mysql> select * from occupation;` followed by a table of results. The table has four columns: `idEmplacement`, `idMagasin`, `dateEntree`, and `dateSortie`. The results are displayed in a table format with dashed lines separating the columns and rows. The data shows a list of mappings between `idEmplacement` and `idMagasin` with associated `dateEntree` and `dateSortie` values. Most `dateSortie` values are NULL.

idEmplacement	idMagasin	dateEntree	dateSortie
1	1	2018-06-27	NULL
2	2	2018-06-27	NULL
3	3	2018-06-27	NULL
4	4	2018-06-27	NULL
5	5	2018-06-27	NULL
6	6	2018-06-27	NULL
7	8	2018-06-28	NULL
9	9	2018-06-27	NULL
10	10	2018-06-27	NULL
12	12	2018-06-27	NULL
14	14	2018-06-27	NULL
15	9	2018-06-27	NULL
15	15	2018-06-27	NULL
16	16	2018-06-27	NULL
17	17	2018-06-27	NULL
18	18	2018-06-27	NULL
19	19	2018-06-27	NULL
21	21	2018-06-27	NULL
22	22	2018-06-27	NULL
25	25	2018-06-27	NULL
26	26	2018-06-27	NULL
27	27	2018-06-27	NULL
28	28	2018-06-27	NULL
29	29	2018-06-27	NULL
30	30	2018-06-27	NULL

Figure 5 : List of the mapping on the DB