Users-guide

Magic Wand - Server

Team:

Name	Personal Id
Paul Klingelhuber	mc07014
Manuel Lachberger	mc07015
Maria Neumayer	mc07018
Manuela Vogler	mc07026

Projectleader: Manuel Lachberger

Date: 29.06.2009

1 Installation

First you should make sure that you have a Java Runtime Environment installed. If this isn't the case, or you have a version number smaller than 1.6 please download and install a new version from http://www.java.com/de/download/

To install the Magic-Wand Server you must only copy the program-folder to your harddisk (do not leave out any files, the server needs some external libraries).

Except the server ,you also need one or more Databases with POIs. These are location-dates from relevant points. The magic-wand server can fetch these dates from a MySql Server. If you don't have such a server, the simplest way to get one is to install the XAMPP server (you can get it from http://www.apachefriends.org/de/xampp.html). Read the XAMPP-documentation for instructions.

First you have to set the password for MySql access.

With the included PhpMyAdmin tool you can create the required database with the name "poidb".

The easiest way to get some POI-data is to use the same data that we used. To import this data enter the database "poidb" with PhpMyAdmin and import the file "poidb.sql.zip".

HINT: This process can take some time.

After that the database should be ready to use.

2 Configuration

In the main-directory of the server (if you use the .jar-Version of the server, it's the directory where the .jar file is located) you should find a file called "mwConf.conf".

HINT: if this file doesn't exist just start and stop the server, if it doesn't find this file, it creates a default-version

In this file you can change all server-settings like for example the port, maximum simultaneous connections, the triangle-factor which defines the user-view-triangle-width (factor from distance to triangle-width), timeouts, maximum search-distance and count/type of the servers.

Informations to the parameters can be found in the default-configurations-file (see HINT).

To configure everything correctly it is important to update the configuration file to match the login-information from the server that was set up in Point 1 (Installation).

In most cases it's sufficient to change the hostname, username and password from the default-configuration file and save it.

3 Start

To start the server just double-click the file "runServerJar.bat". In the command-window that should open you should see something like this:

```
Server started on port 4444

currently 5 connections available
```

This means that the server runs and waits for connections from the client.

When connections arrive the server will display some status-information which will also be written to a .log-file (this is most likely not interesting for end-users).