# Manual de instalación

**Servicios de localización en un entorno de tiempo real usando el marco de trabajo jWebsocket.**

**Mapsensors**

**1.0**

**1. Process application download**

The process of downloading the application Mapsensors.apk is made downloading all the packages containing the client and server jWebSocket contained in version 1.0 from the URL: http://jwebsocket.org/download/.

**2. Characteristics of the installation environment**

You need to have a server which is mounted the map server and server jWebSocket. The minimum hardware requirements for this server are: 2GB RAM, 320GB hard drive and a 64-bit operating system.

For the client need a smart phone with Android Operating System 2.3.3 or higher.

1. **Installation process**

To run the installation process on our smart phone with Android, it is necessary to install a browser application that allows us to install from the sdcard.

To install the application must take the following steps:

Step 1: Find the application directory with the file browser, and click on MapSensors.

[img\instal\_doc\device-2012-05-18-112953.png](img/instal_doc/device-2012-05-18-112953.png)

Step2: Select option "Open the Application Manager".

[img\instal\_doc\device-2012-05-18-113029.png](img/instal_doc/device-2012-05-18-113029.png)

Step 3: Press Install.

[img\instal\_doc\device-2012-05-18-113046.png](img/instal_doc/device-2012-05-18-113046.png)

Step 4: Choose Install.

[img\instal\_doc\device-2012-05-18-113053.png](img/instal_doc/device-2012-05-18-113053.png)

Step 5: Wait for the complete installation process

[img\instal\_doc\device-2012-05-18-113100.png](img/instal_doc/device-2012-05-18-113100.png)

Step 6: You can choose either option.

[img\instal\_doc\device-2012-05-18-113107.png](img/instal_doc/device-2012-05-18-113107.png)

Application running

[img\instal\_doc\device-2012-05-18-120258.png](img/instal_doc/device-2012-05-18-120258.png)

You can view the application on the phone menu.

[img\instal\_doc\device-2012-05-18-120227.png](img/instal_doc/device-2012-05-18-120227.png)

**4. Configuration Options**

Does not require any specific configuration.

**5. Putting into operation**

**Server:**

For the operation of the application must start the server Geoserver and the server jWebSocket.

**Client:**

Start the application on your smartphone.

**5. Application Management**

For administration of MapSensors Demo can be supported in the user manual.