



gvSIG Mobile Pilot (BN44)

Installation manual. Version 1





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gvSIG Mobile installation manual

Introduction

gvSIG Mobile is a software developed in Java to display and manage geographic information in mobile devices (hereafter PDA). This document presents the installation process of gvSIG Mobile and a gvSIG Desktop extension to export projects to gvSIG Mobile.

gvSIG will be named *gvSIG Desktop* in this document in order to differentiate with gvSIG for mobile devices.

The IBM J9 virtual machine

Currently, gvSIG Mobile works fine with the **J9 virtual machine** developed by IBM. Therefore, the first step is to get the virtual machine (JVM onwards). In the following link you can download it:

https://www14.software.ibm.com/webapp/iwm/web/reg/pick.do?lang=en_US&source=weme

You need to log in to download the JVM. If you don't have a user name and password, you will must create it on the **register now** link.



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Executable file ibm-weme-win-x86-ppro11_6.1.1.20061110-161633.exe	Download now

Download method.

Finally, you must select the **CDC 1.1/Foundation 1.1 / Personal Profile1.1 for Windows Mobile 5.0/ARM** version of the virtual machine and download the **ibm-weme-wm50-arm-ppro11_6.1.1.20061110-161633.exe** file .



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Binary file ibm-weme-wm50-arm-ppro10_6.1.1.20061110-161633.bin (47.0MB)	Download now

Downloading the J9 file.

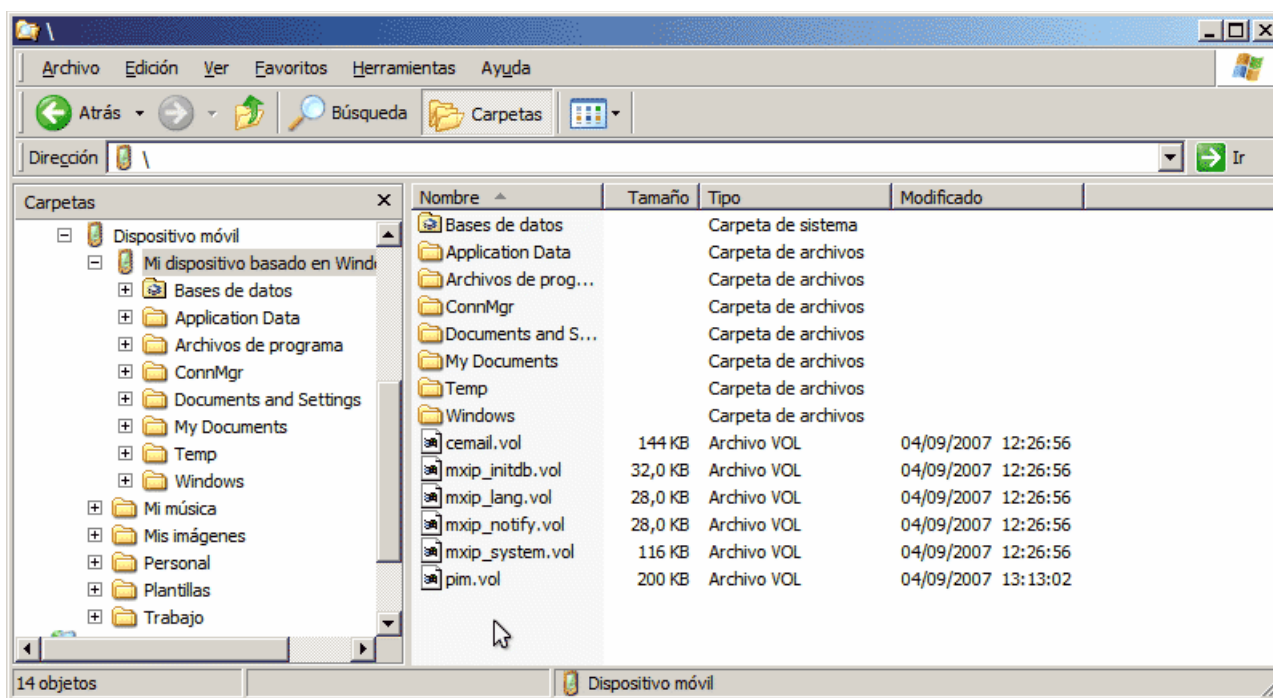
Installing IBM J9 virtual machine

Installation consists of a series of folders to leave in a very specific location of the memory of the PDA. The way to transfer files from your PC to the PDA depends on the operating system that you are using. In this document the installation is done from a computer with Windows XP SP2 with ActiveSync 4.1.

These are the steps to follow:

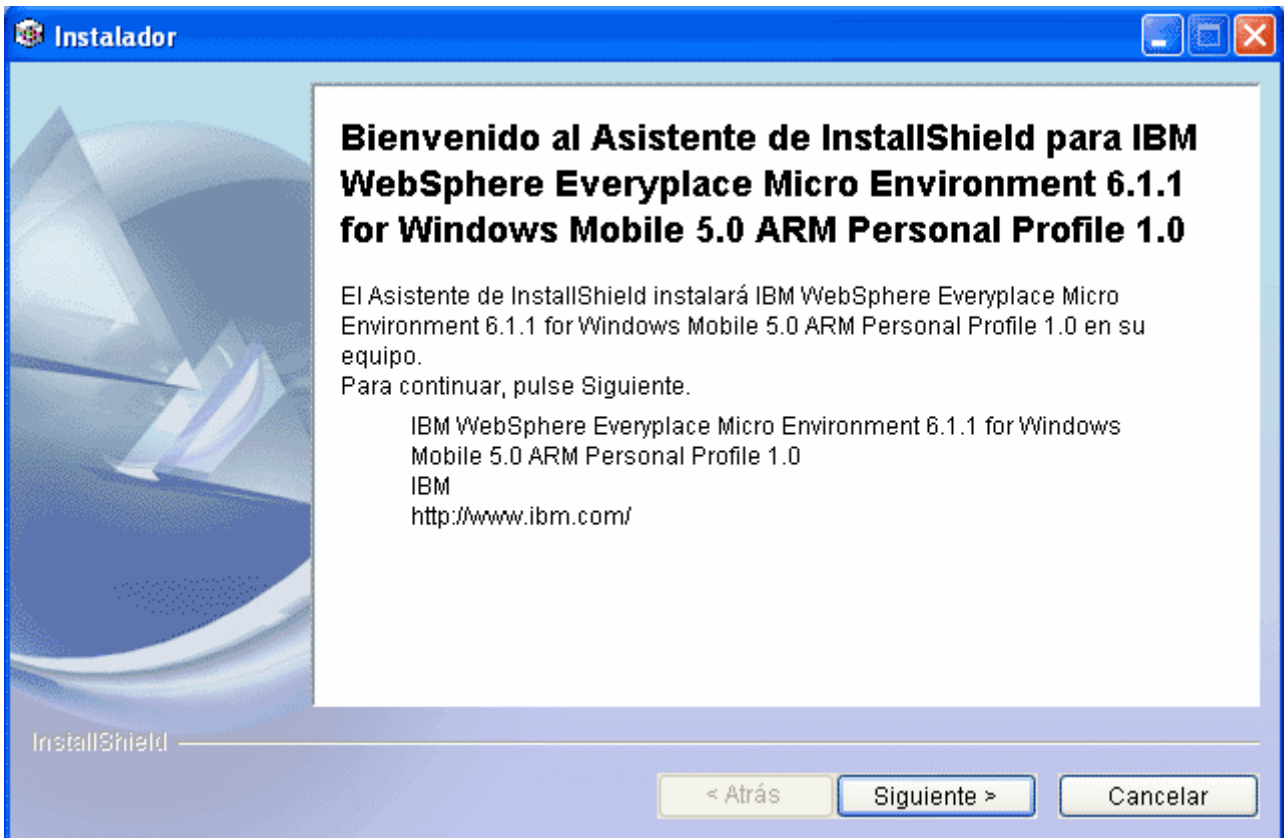
- In the PDA create the folder J9 in the root directory (\) or in the root directory of the external memory card. Inside this folder, you create

another folder **PPRO11**. In both cases capitalization should be respected. In the case of owning a PDA that has multiple cards is recommended to install the virtual machine in the internal memory device.

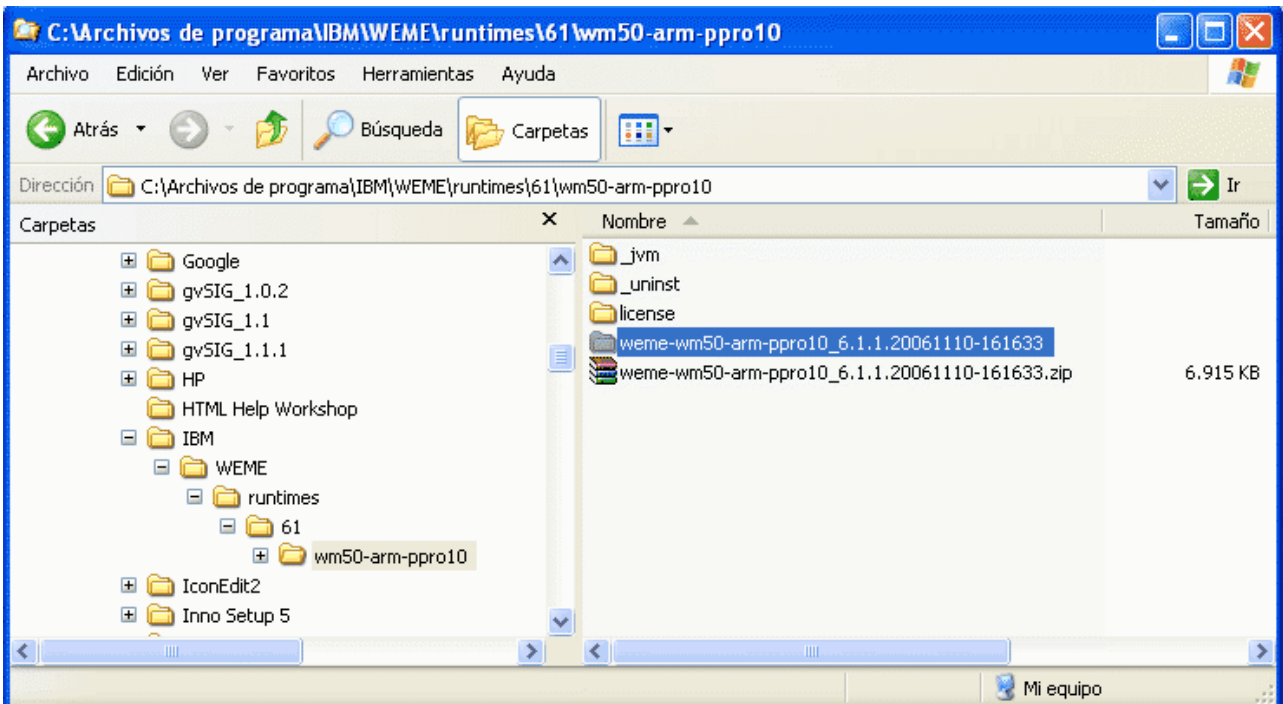


Folder root of the PDA seen in the Windows File Explorer.

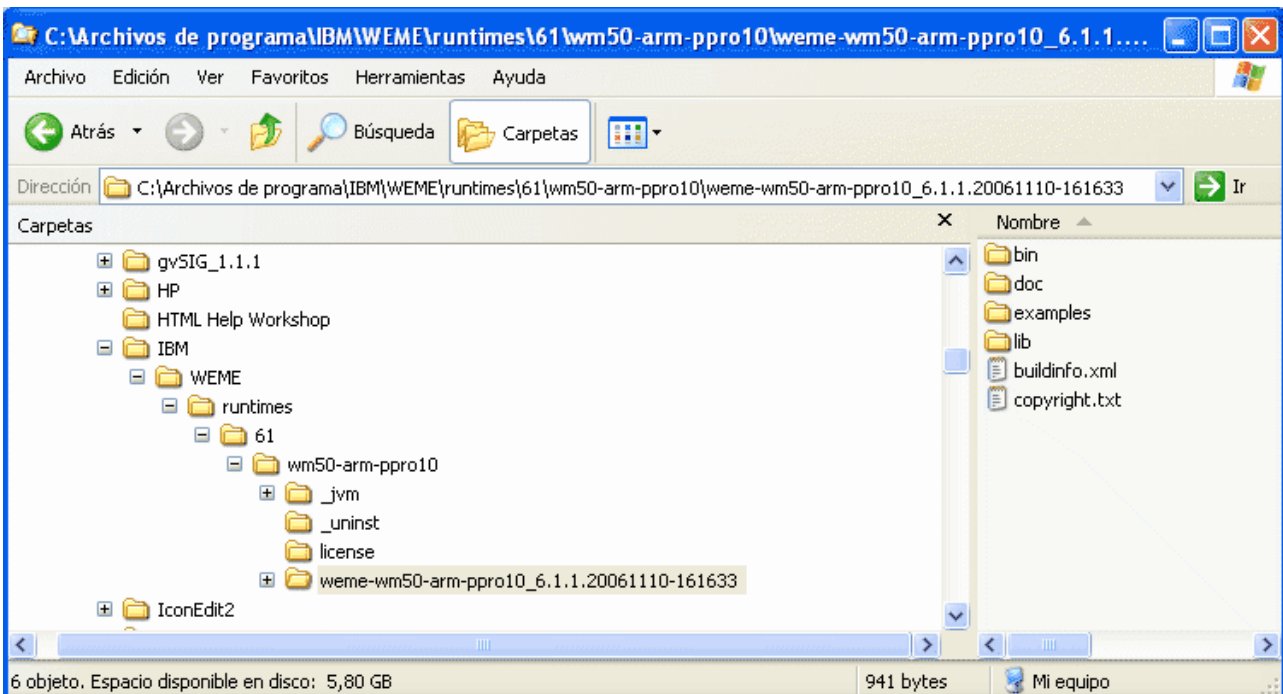
- You must install the virtual machine on your computer. The default folder for the J9 installation in an Spanish Windows is **C:Archivos de programa\IBM\WEME runtimes\61wm50-arm-ppro10**. In that folder you'll find the **weme-wm50-arm-ppro10_6.1.1.20061110-161633.zip** file. Extract it to get the **bin**, **lib** and **examples** folders.



J9 installation on PC.



Zip file with the virtual machine.



bin, lib and examples folders.



- Copy the **bin**, **lib** and **examples** directories into the **PPRO11** folder of the PDA.

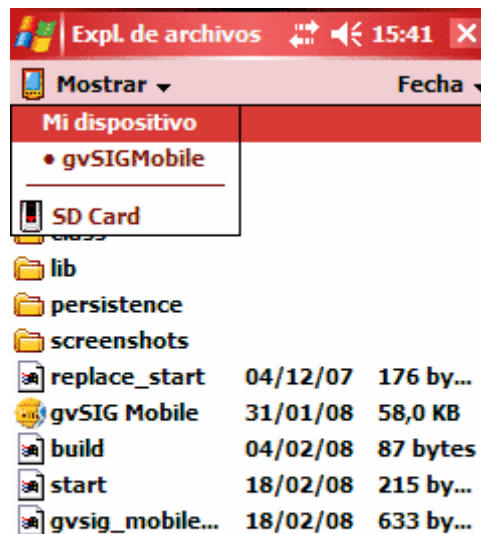


Folder installation of J9.

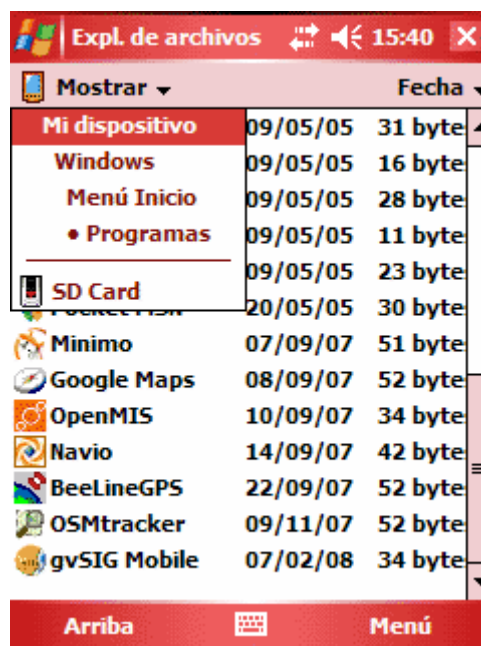
- To verify that J9 is functioning properly on the PDA, you can run the sample application that comes with it. Go with the file explorer to the folder **examples** and tab in the **GolfScoreTrackerApp** file.

Installing gvSIG Mobile on PDA

The installation process gvSIG Mobile is very simple, in fact the only thing you need to do is to copy the file **gvSIGMobile.BNxx.Arm.CAB** in some directory of the PDA and run this file. The installation process only asks for the location of the program.



Directory installation gvSIG Mobile.



Direct access gvSIG Mobile on the start menu.

Once the files are installed, just tab on **gvSIG Mobile.exe** to start the application



Start gvSIG Mobile.

There is a **log file** that logs the launch process and shows the potential errors. This file is in the installation folder and is named **gvsig_mobile_launch.log**.

Installing the export extension on gvSIG Desktop

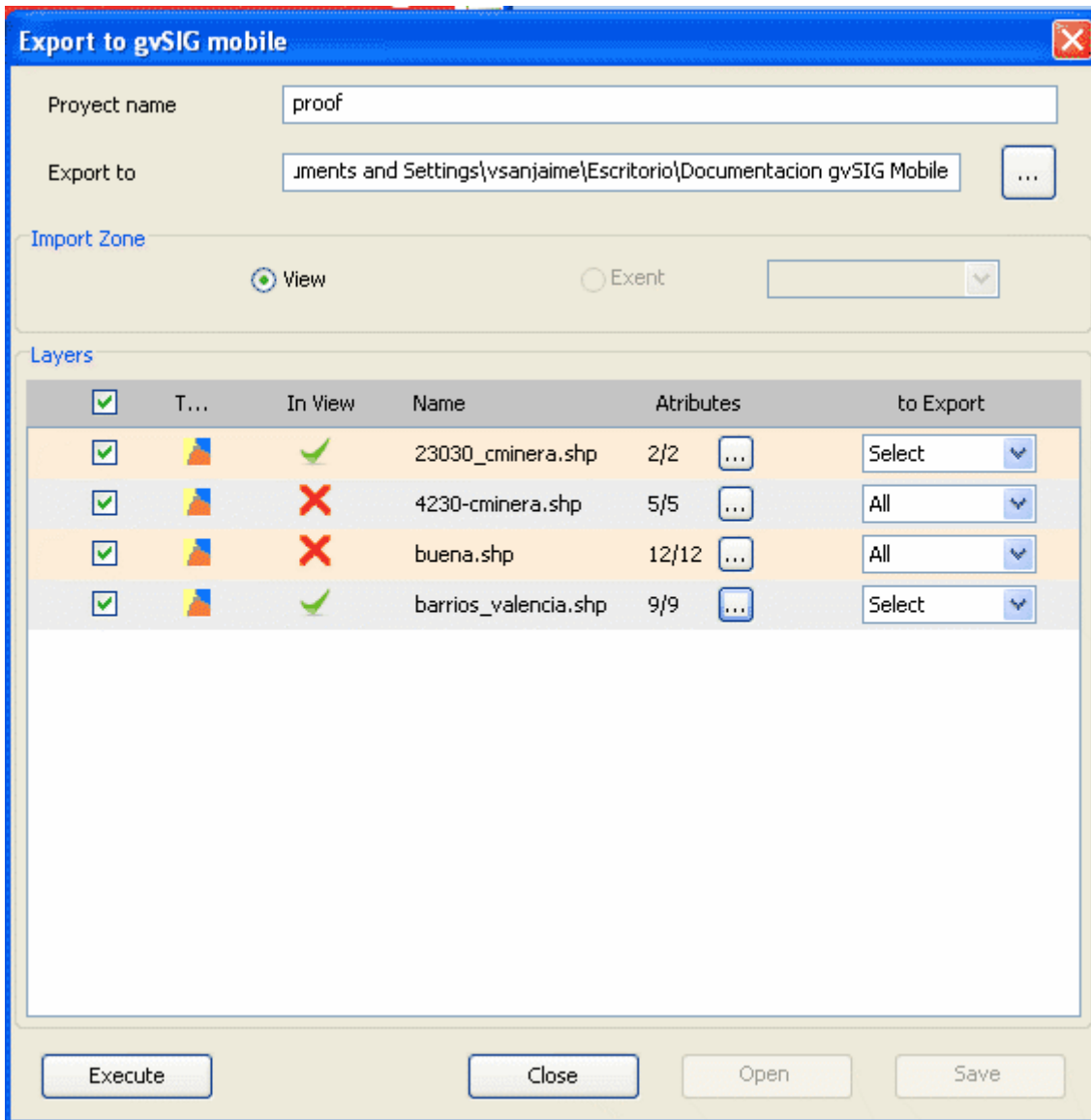
The pilot is complemented with an extension to gvSIG Desktop which allows the user to export vector and raster data from a gvSIG Desktop view into a folder, ready to be sent to the PDA.



Installer extension.

The installation process is similar to any other extension of gvSIG Desktop. Using an easy multiplatform installer, the extension is added to an installation of gvSIG Desktop.

This extension is compatible with gvSIG 1.1 and later revisions.



Main window exporter.



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gvSIG Mobile

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```
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```

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```

```
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Ty Coon, President of Vice
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