



Piloto gvSIG Mobile (BN44) Manual de instalación. Versión 1





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Documentación instalación gvSIG Mobile

Introducción

El prototipo **gvSIG Mobile** es un software desarrollado en Java para la visualización y gestión de Información Geográfica en dispositivos móviles (en adelante PDA). Este documento presenta el proceso de instalación de gvSIG Mobile en la PDA, asi como el exportador de proyectos, de forma automática, de gvSIG Desktop a gvSIG Mobile.

Para diferenciar el prototipo (gvSIG Mobile) de la aplicación gvSIG, se ha renombrado esta última en todo el documento como gvSIG Desktop.

La máquina virtual J9

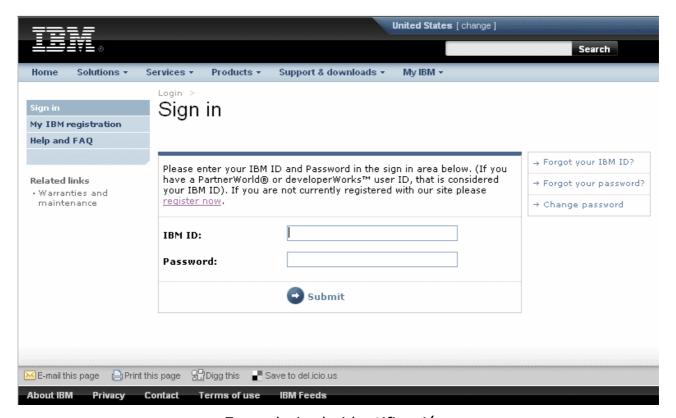
Actualmente, gvSIG Mobile funciona correctamente con la **máquina virtual J9** desarrollada por IBM. Por lo tanto, el primer paso será obtener dicha máquina virtual (en adelante JVM). En el siguiente enlace la podrás descargar:

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

Es necesario que te identifiques para descargarla. Si no tienes un usuario y contraseña deberás crearlo en el enlace **register now**.

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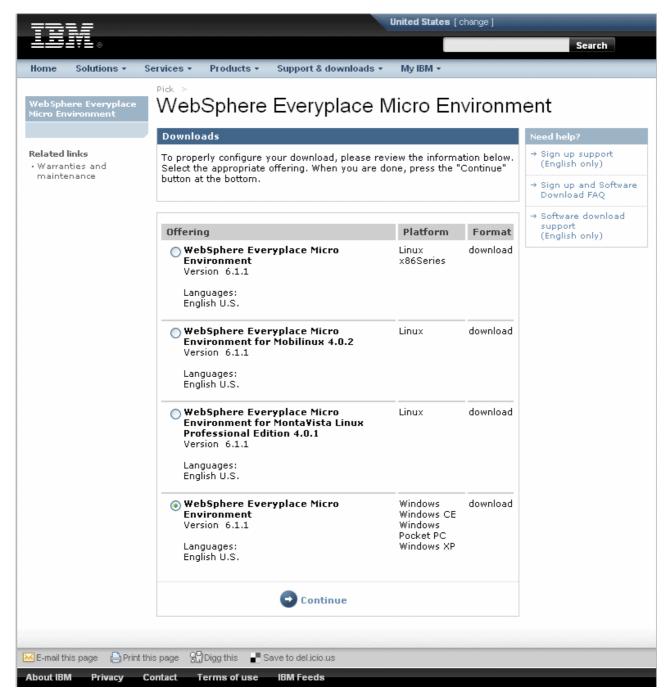
gvSIG Mobile



Formulario de identificación.

Selecciona el sistema operativo de tu dispositivo móvil, en tu caso **Windows**, **Windows CE**, **Windows Pocket PC o Windows XP**.



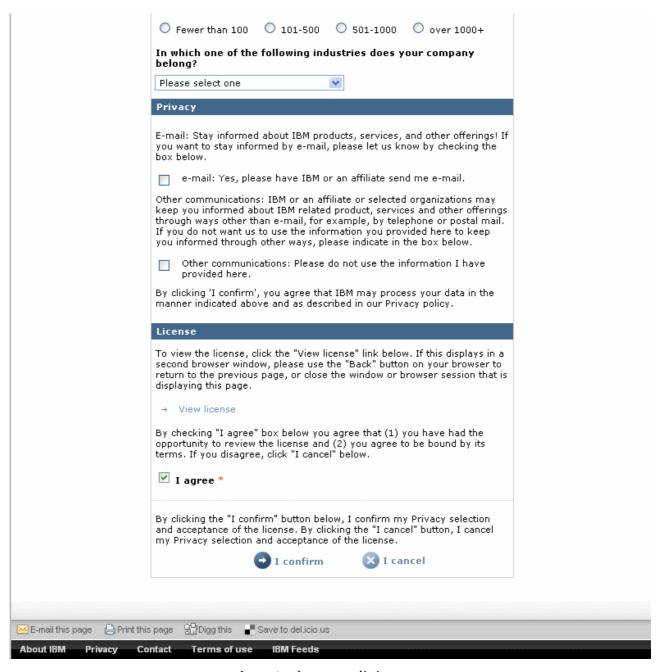


Selecciona una plataforma.

Debes de aceptar las condiciones de IBM, I agree.

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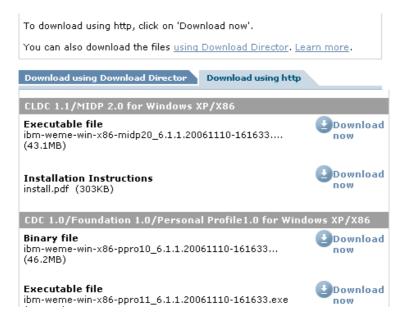




Acepta las condiciones.

Es más cómodo realizar la descarga por http, por eso selecciona la pestaña **Download using http**.



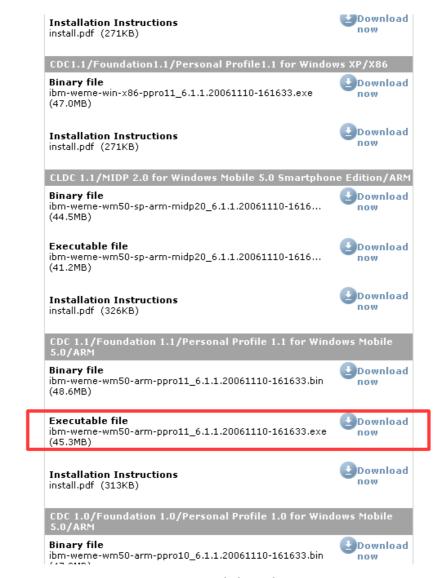


Método de descarga.

Finalmente debes seleccionar la máquina virtual CDC 1.1/Foundation 1.1 /Personal Profile1.1 for Windows Mobile 5.0/ARM y descargar el archivo ibm-weme-wm50-arm-ppro11_6.1.1.20061110-161633.exe.

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Descarga del archivo.

Instalación de la máquina virtual J9

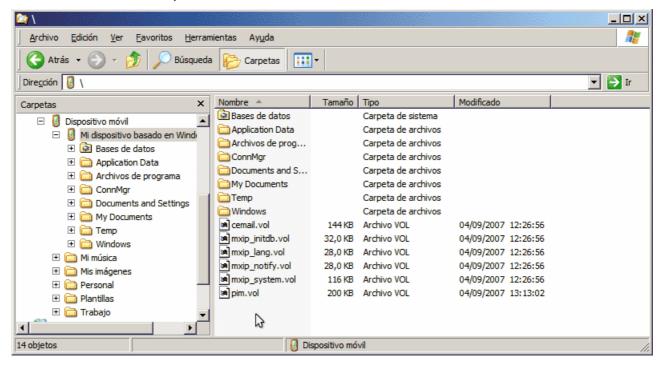
La instalación consiste en dejar una serie de carpetas en una ubicación muy concreta de la memoria de la PDA. La forma de transferir los ficheros desde tu PC hasta la PDA dependerá del sistema operativo que utilices. En las figuras que se presentan la instalación se realiza desde un equipo con Windows XP-SP2 con ActiveSync 4.1.

Estos son los pasos a seguir:

• En la PDA creas la carpeta **J9** en el directorio raíz de la misma (\) o en el



directorio raíz de la tarjeta de memoria externa. Dentro de ésta, creas la carpeta **PPRO11**. En ambos casos debes respetar las mayúsculas. En el caso de que tu PDA tenga varias tarjetas de memoria externas y quieras instalar la J9 en una de ellas, es posible que no funcione la máquina virtual. Por lo tanto en el caso de que se poseas una PDA con varias tarjetas se recomienda que se instale la máquina virtual en la memoria interna del dispositivo.

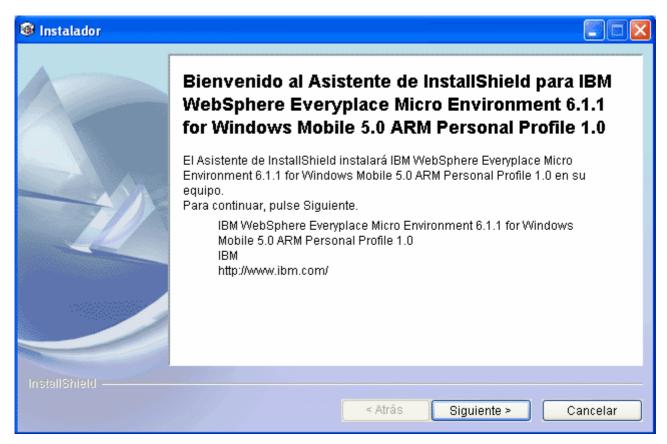


Carpeta raíz de la PDA vista en el Explorador de Archivos de Windows.

• Instala en tu PC la máquina virtual J9. En este manual se ha instalado en la dirección por defecto que propone el instalador, C:\Archivos de programa\IBM\WEME\runtimes\61\wm50-arm-ppro10. Dentro de la carpeta wm50-arm-ppro10 encontrarás el archivo zip wemewm50-arm-ppro10_6.1.1.20061110-161633.zip que debes descomprimir. Y dentro de esta carpeta encontrás las carpetas bin, examples y lib de J9.

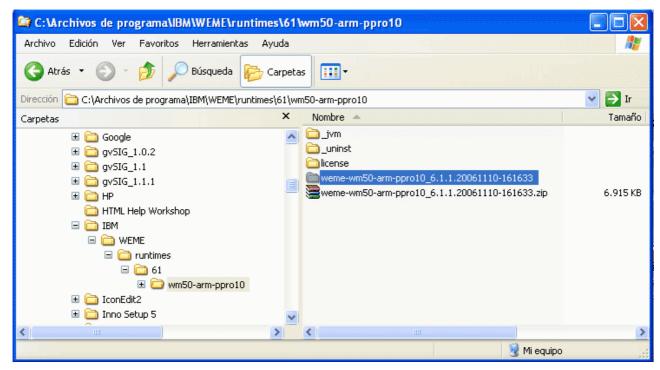
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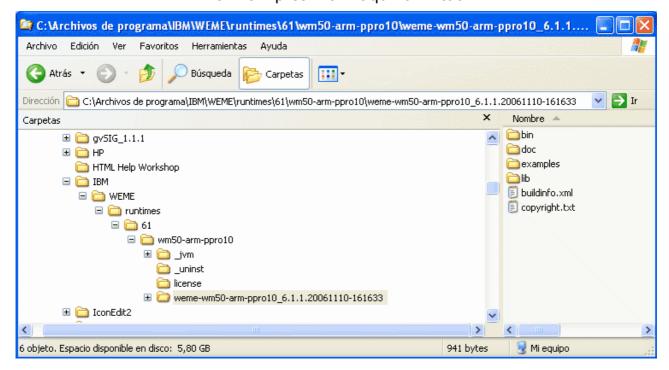


Instalación de J9 en el PC.





Archivo zip con la máquina virtual.



Carpetas bin, lib y examples.

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 Copia las carpetas bin, examples y lib del PC a la carpeta PPRO11 de la PDA.



Carpeta de instalación de J9.

 Para comprobar que J9 está funcionando correctamente en la PDA, puedes ejecutar la aplicación de ejemplo que viene con la misma. Para ello, navegas con el explorador de archivos hasta la carpeta examples y ejecutas el fichero GolfScoreTrackerApp.

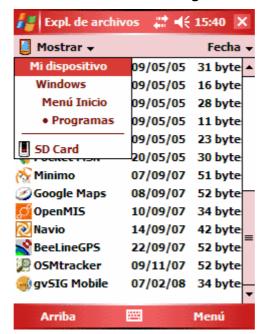
Instalación de gvSIG Mobile en la PDA

El proceso de instalación de gvSIG Mobile es muy sencillo, en realidad, lo único que tienes que hacer es copiar el archivo **gvSIGMobile.BNxx.Arm.CAB** a algún directorio de la PDA y ejecutarlo. En algunos casos, el proceso de instalación preguntará la ubicación del programa.





Directorio de instalación de gvSIG Mobile.



Acceso directo de gvSIG Mobile en el menú de inicio.

Una vez instalados los ficheros, basta ejecutar **gvSIG Mobile.exe** para arrancar la aplicación.

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Inicio de gvSIG Mobile.

En el caso de que suceda algún problema en el proceso de ejecución de gvSIG Mobile, hay un archivo *log* que registra el procesos de lanzamiento y te muestra los posibles errores. Este archivo se encuentra en la carpeta de instalación y tiene el nombre de **gvsig_mobile_launch.log**

Instalación de la extensión de exportación en gvSIG desktop

El prototipo se completa con una extensión para gvSIG Desktop que permite a partir de una vista con diferentes capas tanto vectoriales como raster, generar una carpeta de exportación con la información geográfica seleccionada, así como el fichero de proyecto de gvSIG Mobile, listo para ser enviado a la PDA.





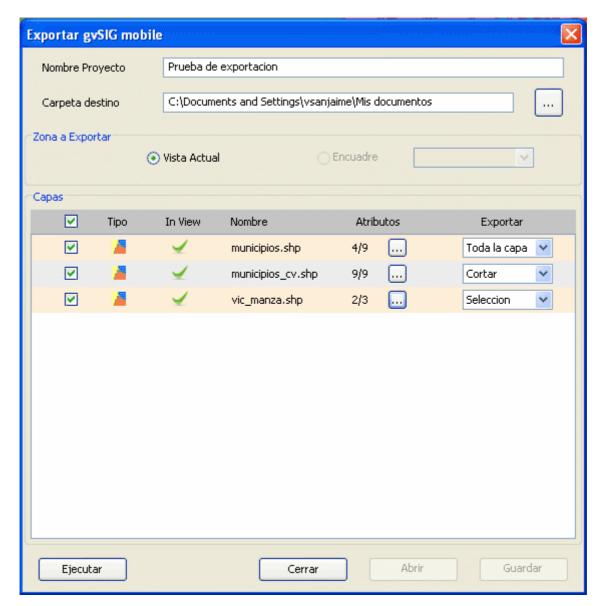
Instalador de la extensión.

El proceso de instalación de esta extensión es similar al de cualquier otra extensión de gvSIG Desktop. Es decir, mediante un sencillo instalador multiplataforma se coloca la extensión sobre una instalación previa de gvSIG Desktop.

La versión de gvSIG Desktop compatible con la extensión es la **1.1.1** que corresponde con el Build Number **1022**.

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Ventana principal del exportador.



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<one line to give the program's name and a brief idea of what it does.>
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Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

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<signature of Ty Coon>, 1 April 1989
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