

## iPad Server installation on Windows 2000, XP, or Vista

System requirements: Processor: 1 Ghz; RAM: 1 GB; IP address: static\*.

The bundled installation includes all the necessary components. The partial installation requires Java SDK, MySQL, and Apache Tomcat (see the next section for download links).

- *Windows 2000 or XP*: run iPadWindowsInstaller\install.bat.  
*Windows Vista*: right-click on iPadWindowsInstaller\install.bat, and select "Run as administrator".
- iPad server will start automatically once the installation or update is complete.

The file config.properties contains the default installation parameters which you can modify before running install.bat. **When updating the server, the parameter values in the config.properties file must be the same as in the original installation** (except for backup parameters). If you modified the file, keep it for your records as it will serve as a reminder of important configuration parameters necessary for server updates.

To install an iPad Editor, follow the iPad Editor Installation Instructions: <http://www.ipadeln.com/files/iPadEditor.pdf>. Note: the evaluation version of the editor is not compatible with your server.

See the iPad Administration Instructions for how to administer the system: <http://www.ipadeln.com/files/iPadAdministration.pdf>.

⇒ You are ready to use iPad!

Note: you may have problems connecting to the iPad server from other computers due to firewall settings. You will need to either turn off the firewall on the server computer or open the relevant ports. The default ports are: 1098 (auxiliary server port), 1099 (main server port), 8090 (Tomcat port), 8091 (help port).

## iPad Server installation on Linux

System requirements:

- Java SDK 1.4.2 or later: <http://java.sun.com/javase/downloads>
- Tomcat server 4.1 or later (can be installed on a remote computer): <http://tomcat.apache.org/>
- MySQL database server 4.1 or later (can be installed on a remote computer): <http://dev.mysql.com/downloads/mysql>
- Processor: 1 Ghz; RAM 1 Gb; IP address: static\*.

While a distributed component installation is possible, it generally diminishes the system performance.

Here is how to install or update iPad Server on your computer:

## I. Configure server components

1. Set the relevant parameters in the build.properties file (see instructions in the file). *Keep the build.properties file for your records as it will serve as a reminder of important configuration parameters necessary for server updates.*
2. During a first-time installation, run "chmod +x initDB.sh" and then initDB.sh to create and initialize the iPad database. During an update, run "chmod +x updateDB.sh" and then updateDB.sh to update the iPad database.
3. Run "chmod +x install.sh" and then install.sh – this will create a folder "install" within which you will find the following configured components: iPadCoreServer.zip, help.zip, serverManager.zip, ipad-web.zip, iPadEditorLinux.zip, iPadEditorWindows.zip, and iPadEditorMac.zip.

## II. Server

1. Put the iPadCoreServer.zip, help.zip, and serverManager.zip files into the desired directory and unzip them.
2. In the iPadCoreServer directory, run "chmod +x iPadServer.sh" and then iPadServer.sh to start iPad server.
3. In the help directory, run "chmod +x run.sh" and then "run.sh <help port>" to start iPad Help service (the default <help port> is 8081).

## III. Portal

1. Put ipad-web.zip file into the Tomcat's public directory and unzip it. Make sure its name is consistent with your settings in the build.properties file.
2. The portal URL will be the value of portal.url parameter specified in build.properties. Users will be able to access the portal by clicking on this link.

## IV. Editor

1. Put iPadEditorLinux.zip, iPadEditorWindows.zip, and iPadEditorMac.zip files into the Tomcat's public directory.
2. Follow instructions to install iPad Editors: <http://www.ipadeln.com/files/iPadEditor.pdf>.  
Note: the evaluation version of the editor is not compatible with your server.

See the iPad Administration Instructions for how to administer the system:  
<http://www.ipadeln.com/files/iPadAdministration.pdf>.

⇒ You are ready to use iPad!

Note: you may have problems connecting to the iPad server from other computers due to firewall settings. You will need to either turn off the firewall on the server computer or open the relevant ports. The default ports are: 1098 (auxiliary server port), 1099 (main server port), 8080 (Tomcat port), 8081 (help port).

\* A static (i.e., permanent) IP address is required to connect to the server from other computers. If the server's IP changes, you need to update the server. If you want to connect to the server only from the server computer, you need to set the server IP address to localhost (on Windows, you can simply unplug your computer from the internet during server installation or update).