



Server

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**Installation Guide**

Document Version 2.5.2

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# 1 Intro

Abbreviations?

- JVM : Java Virtual Machine
- JDK : Java Developer Kit

Typographic conventions:

▪	Unordered lists or alternative solutions
1.	Procedure steps
 Exemples	Examples
Courier New	Command names (java, html...)
 Tip	Tips and advice
 Warning	Warning
<i>Italic</i>	Reference to other documents or other software products
<b>Bold</b>	Button names, menu names, window names

## 2 Server requirements

### 2.1 *Hardware requirements*

Most server hardware configurations are powerful enough to host the 12Planet ELiveServer. A minimum configuration is:

- Pentium II 500 MHz
- 256 Mo of RAM is suggested.
- 500 Mo Hard disk

Adding extra RAM and processors will improve the performance.

### 2.2 *Java Virtual Machine (JVM) requirement*

A Java Virtual Machine (JVM), or a Java Developer Kit (JDK), fully compliant with the Sun JDK 1.1.x or above is required in order to run 12Planet Server.

The bellow installation will provide automatically a JVM if is not already installed.

### 2.3 *Port requirements*

The software use in standard the ports:

- Port 8080
- Port 7218
- Port 10080

It is possible to change these ports. For details, please refer to *Installation (advanced) Guide / Web integration Section*.

## 3 Installation Procedure

### 3.1 Installing the Software

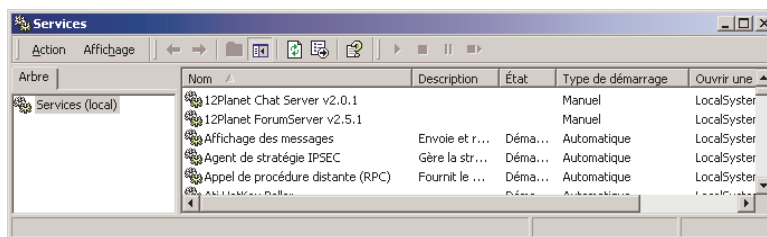
- ATTENTION: Logon as administrator on your server
- Select the installation procedure from the installation page that meets your server requirement: OS requirement and JVM requirement
- Follow the step by step instructions

### 3.2 Starting the server software

#### 3.2.1 Windows NT/2000/XP: Windows Service mode

You may want to install 12Planet ELiveServer as a Windows NT service on a production machine. In such a case it will be automatically loaded and started each time you reboot your server.

Below is a sample screenshot of what you should be seeing once the Windows Service has been installed (automatically done by installation)



#### 3.2.2 Windows NT/2000/XP: console mode (DOS window)

- Open a DOS Window
- Type in: `cd 12planet_installation_path\`
- Type in: `start.bat`

#### 3.2.3 Unix/Linux: quick start

- Open a shell or a Telnet session
- Type in: `cd 12planet_installation_dir\`
- Type in: `java infostart`

The 12Planet ELiveServer is now started.

#### Tip

If you have problem, then ask to your Unix administrator how to run a java software, he will provide you a command line like:

```
full_path_to_executable_java infostart
```

or if you use the bash shell:

```
full_path_to_java -classpath full_path_to_"classes.zip":.  
infostart
```

```
ex1: java -classpath $CLASSPATH:. infostart
```

```
ex2: /usr/local/jdk1.1.8/bin/java -classpath  
/usr/local/jdk1.1.8/lib/classes.zip:. infostart
```

### 3.2.4 Unix/Linux: advanced starting

Once you have configured the server properly, you may want to:

- Keep your 12Planet ELiveServer running continuously even after you closed your Unix telnet session. To do that type in the telnet window:

```
full_path_to_executable_java infostart &
```

- Boot up easily the 12Planet ELiveServer each time your server machine is restarted. To do that you need to create a Unix shell script. For more details, please read: *Installation (advanced) Guide*

To use the “bash” shell, in order to run the Java based program ClassFileName.class with the environment variable CLASSPATH, you need to type in:

```
java -classpath $CLASSPATH:. ClassFileName
```

- Java is case-sensitive, so typing “java InfoStart” is DIFFERENT from “java infostart”!

Tip : if your need to check the version you need, you need to type `java -version`

## 3.3 **Running test**

To check that 12Planet Server is running: open in your web browser the link

<http://yourserverIP:10080/status?> (distant testing)

Or <http://127.0.0.1:10080/status?> (local testing)

Or <http://127.0.0.1:XYZ/status?> (if you have change the default http-tunneling port to XYZ)

Descriptive of what’s going on : The browser should display a blank page with the message: “12Planet Server Running”.

Otherwise, your server is not running correctly. In such a case, you should check error messages:

- 1- Make sure in the DOS prompt or Unix shell window that the eLiveServer is running: last line should be “12Planet Server is Ready”
- 2- Check with your server administrator that default port (port 7218 for socket and port 10080 for HTTP tunnelling) are open. With unix you may use the command: `nmap server_IP`
- 3- Check error messages in the log files in the directory: `12planet-server\logs\`

If you need technical support, please always send us those messages.

At this stage 12Planet ELiveServer is running.

## 3.4 **Opening the server web console**

Open the link in your web browser

<http://127.0.0.1:8080> (local access only)

<http://localhost:8080> (local access only)

[http://your\\_server\\_ip:8080](http://your_server_ip:8080) (any computer)

Or [http://your\\_server\\_ip:a\\_port\\_number](http://your_server_ip:a_port_number) (if you have change the default web port to “\_port\_number”)

## 4 Website integration procedure

### Warning

- Do not modify this directory and subdirectories structure: [INSTALLATION DIRECTORY]/ 12planet\_server/www/12p\_applet/
- Keep applets and HTML page have on the same server because of security restrictions over Java applets: Java applets can only connect to a server from which they've been loaded.

You can do it with the wizard or manually in following the bellow procedure.

Step1: Include in the HTML code of the web page the following code (minimum code):

```
<APPLET mayscript code=ChatClient
codeBase="http://yourserver.com/path\_to/12p\_applet/bin/" height=400
width=565>

<PARAM NAME="classPath" VALUE="onetoplanet.client.ui.std.floatGuts">
<PARAM NAME="cabbase" VALUE="fchaplet.cab">
<PARAM NAME="archive" VALUE="fchaplet.jar">
</APPLET>
```

Step2: Set in the previous code the parameter:

PARAM NAME	VALUE Type	VALUE Description
codebase	URL	Complete URL of the location of client Java applet

Step3: advanced configuration of the applets. Use the applet parameters to do any advanced configuration. (communication features and look). For full details about parameters, please, refer to: *Installation (advanced) Guide / Web Site Integration Section*.