

First of all, you will have to install the Java Runtime Environment on your computer. Go to this page :

http://java.sun.com/products/archive/j2se/1.4.1_07/index.html

Download the JRE (Java Runtime Environment) which corresponds to your operating system (Windows, Linux ...), and install it. Note that if you are running Linux, a JRE is already likely to have been installed - you can find out by running "java -version" (without the quotes) in a terminal; if you get a response telling you about Java, then it is already installed.

Next, download the file xlogo.jar from this page :

<http://xlogo.free.fr/fichiers/xlogo.jar>

Now that the essentials are in place, you only need to finetune your installation.

2 Launching and configuring XLogo

2.1 In Windows :

2.1.1 Launching Xlogo

In theory, if you double-click on the XLogo icon, the program should launch. If this is the case, go on to the next section. If not, and another application is launching instead (something like winzip, perhaps), this is because .jar files are in fact .zip files, and these are themselves executable (ie a program can be launched by clicking on them). If your computer opens a program like winzip, it is because from its point of view files with a .jar extension can only be opened with that program. You therefore have to deactivate the association of that program with .jar files. To do that, follow these steps for Windows XP (some paths may differ depending on the flavour of Windows you are running, and you will have to adjust them) :

1. Start -> Control Panel -> Switch to Classic View -> Folder options
2. Click on the tab File Types (the third tab)
3. Find in the list of registered file types those connected with jar files (jar files, executable jar files, jar archive, etc)
4. Click the file type, and then click Advanced...
5. A new window will appear : click on Open, and then Edit...
6. Click on Browse... and navigate to javaw.exe; this is usually

`c:\Program Files\java\j2re1.4.1\bin\javaw.exe`

7. The path "c:\Program Files\java\j2re1.4.1\bin\javaw.exe" will then appear in the field *Application used to perform action* : You need to make an addition to the end of this, so that it reads :

`"c:\Program Files\java\j2re1.4.1\bin\javaw.exe" -jar "%1" %*`

(note that there is a space on either side of -jar).

8. Finally, close all the dialogue windows. Now all you should have to do is to double-click on the file icon to launch XLogo!

If that still doesn't work, there is a second possibility. Open an MSDOS box (on XP : Start -> All Programs -> Accessories -> Command Prompt), and then type in the following command :

```
java -jar \path\to\XLogo
```

For example : `java -jar c:\windows\office\xlogo.jar`

(if XLogo is located in this folder).

If you find it annoying to have to keep typing this command, type it into a text file and save it as (say) xlogo.bat. You can then just double-click on xlogo.bat to launch XLogo.

Files with the extension .lgo will not usually be recognised by your computer, and when you double-click on them, a dialogue box will appear asking you which application should be used to open files with the .lgo extension. Select **other** and then give the path to **javaw.exe**

Usually, this will be : `C : \Program Files \java \j2re1.4.1 \bin \javaw.exe`

You will have to input a name to designate files with an .lgo extension.

For example : **Logo Files**

To set this up as a default on Windows XP, follow the steps below :

1. Start -> Control Panel -> Switch to Classic View -> Folder options
2. Click on the tab File Types (the third tab)
3. Find in the list of registered file types those connected with jar files (jar files, executable jar files, jar archive, etc)
4. Click the file type, and then click New
5. Type the extension .lgo into the File Extension box, and click OK
6. Click on the newly-added LGO entry in the list of Registered file types, and then click Advanced...
7. A new window will appear : click on New...
8. Under Action, enter "open", and then click on Browse... to navigate to javaw.exe ; this is usually
`c : \Program Files \java \j2re1.4.1 \bin \javaw.exe`
9. Click on Open to add the path to the Actions box of the Edit File Type dialogue.
10. Click on open, and then Edit...
11. The path "c : \Program Files \java \j2re1.4.1 \bin \javaw.exe" will be in the field *Application used to perform action* . You need to make an addition to the end of this, so that it reads :
`"c : \Program Files \java \j2re1.4.1 \bin \javaw.exe" -jar xlogo.jar "%1" %*`
12. Finally, close all the dialogue windows. Now all you should have to do is to double-click on the file icon to launch XLogo!

2.3 In Linux

With KDE :

- Right-click on the desktop, and select Create->New Link to Application...
- On the General tab, fill in the name - XLogo seems a good choice ...
- On the Execute tab, browse to the location of XLogo : `java -jar /path/to/xlogo.jar`
- Close the dialogue. Now all you have to do is to double-click on the file icon to launch XLogo!
To associate .lgo files with XLogo :
- Right-click on an .lgo file
- Select Edit file type...
- In the section Application Preference Order, type :
`java -jar xlogo.jar`
- You can also set up an icon, and so on.

(You will notice that, contrary to what some people say, configuration under Linux is a lot easier and more intuitive. And things can only get better ! o :)