

# How to install Java and the Keyboard class under Windows

Jesper Kampfeldt

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This guide describes how to install Java SDK and the **Keyboard** class under Windows.

The guide assumes a basic knowledge of Windows terminology and operations.

## 1 Installation of Java SDK

1. Install the Java SDK by running the install program (j2sdk-1.4.0\_01-windows-i586.exe) and follow the instructions.
2. Open or create C:\autoexec.bat in a text editor (e.g. Notepad) and add the following lines at the end of the file:

```
SET PATH=C:\j2sdk1.4.0_01\bin;%PATH%
SET CLASSPATH=.;C:\java
```

NOTE: The folder "C:\j2sdk1.4.0\_01\bin" is the folder where it is assumed the java interpreter (java.exe) and the java compiler (javac.exe) are installed. If you have installed java SDK elsewhere (or you are using a different version) you have to change "C:\j2sdk1.4.0\_01\bin" to that. An example could be that you have installed it under "C:\program files\j2sdk1.4.0\_01\bin" and in that case you should add this:

```
SET PATH=C:\program files\j2sdk1.4.0_01\bin;%PATH%
SET CLASSPATH=.;C:\java
```

3. Reboot the machine.

For further information see <http://java.sun.com/j2se/1.3/install-windows.html>.

## 2 Installation of the Keyboard class

Method 1:

1. Download the cs1.jar.zip file from CD that accompanies the book. This file is compressed.
2. Extract the cs1.jar file. This is a Java Archive (JAR) file containing the cs1 package.
3. Store the cs1.jar file in the following two folders: C:\j2sdk1.4.0\_01\jre\lib\ext and C:\Program Files\Java\j2re1.4.0\_01\lib\ext

Method 2:

1. Copy the **Keyboard.java** file from the CD that accompanies the book to the folder C:\java\cs1
2. Click the "start button" and then "run..." (*Danish*: "start-knappen" og "kør...") and type "command" and press "Enter".
3. A dos terminal opens. Go to the folder "c:\java\cs1" and type "javac Keyboard.java" and press "Enter".