

Installation and Configuration of Eclipse

Download

- Get Eclipse from the Eclipse site, in particular the “downloads” area:

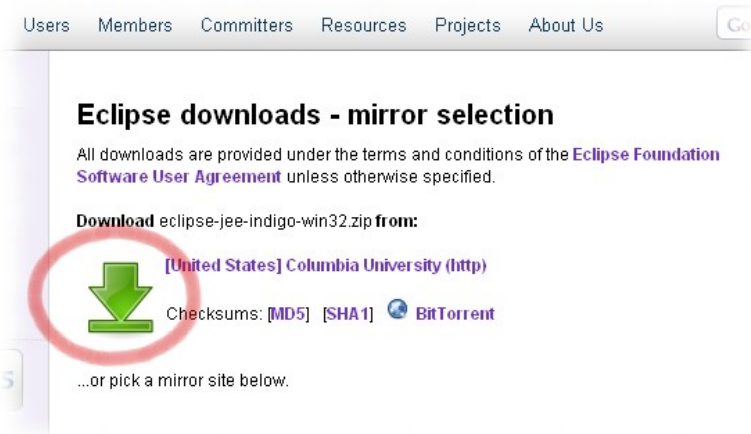
<http://www.eclipse.org/>

<http://www.eclipse.org/downloads/>

- Choose Downloads.
- Select **one** of the circled links, depending on whether you are running a **32-bit** or a **64-bit** version of Windows.
- We're using the Eclipse IDE for Java EE Developers bundle.



- On the "Eclipse Downloads" page, select the download arrow.
- Save** the .zip file to a location that you'll remember (perhaps the Desktop).
- This download may take some time as it is a little over 200 MB in size.



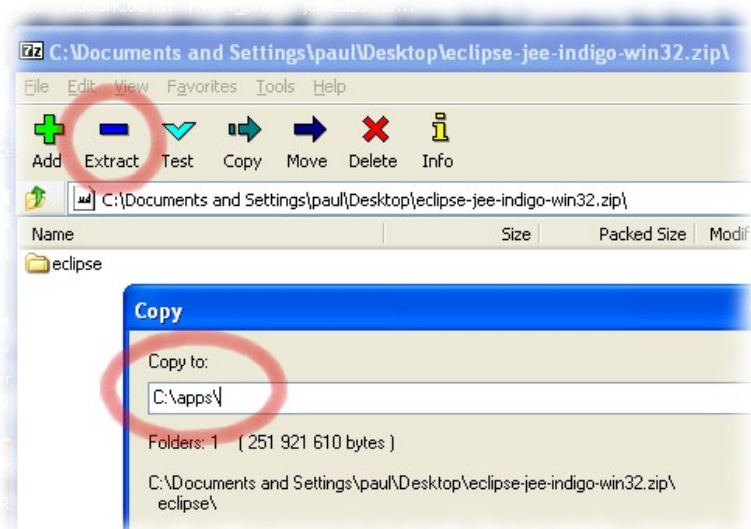
Installation

- Create** an empty directory (all lower-case):

c:\apps\eclipse

- 7-Zip is a free utility which can help you create and extract .zip files.
- Unzip** the Eclipse download to just the directory (notice all of the files start with a *path* of eclipse):

c:\apps

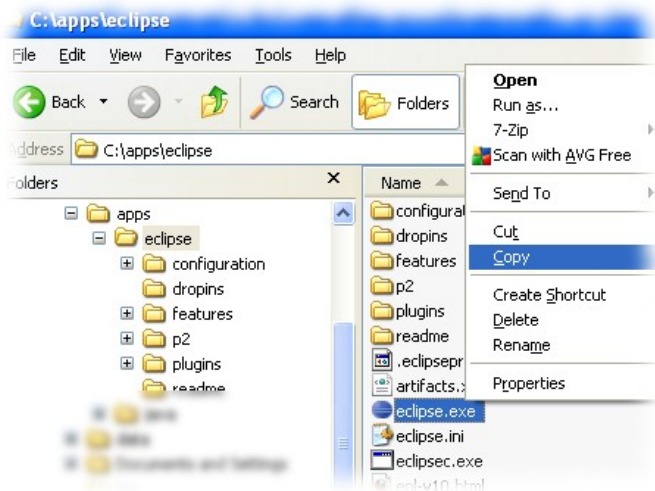


Create a Workspace

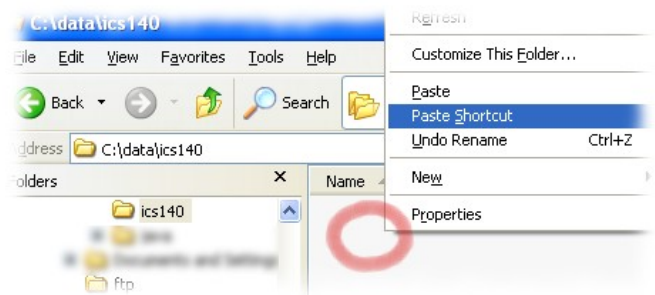
- Typically, multiple "projects" are placed as subdirectories under "workspace" directory.
- **Create an empty directory** under `c:\data\` (using the name of the class and the number provided by your instructor).

c:\data\ics140

- Go to the Eclipse installation directory (`c:\apps\eclipse`) and right-click on the `eclipse.exe` file and select **"Copy"**.
- In the Windows Explorer file browser, if the Folder Option "Hide extensions for known file types" is checked, you will *not* see the .exe extension. Either change this option or select the "eclipse" one which is an Application.



- Go to the **workspace directory** created above and right-click in the empty area and select **"Paste Shortcut"**.

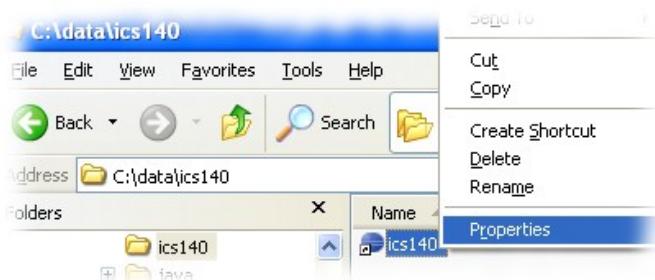


- **Rename the shortcut** to the same name as the directory it is in:

ics140



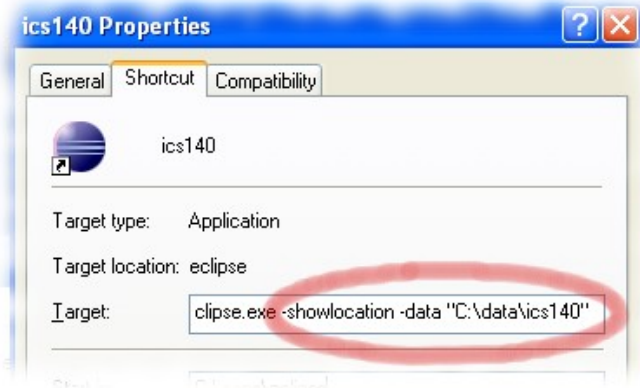
- Right-click on the renamed shortcut, and select **"Properties"**



- **Append:** space, `-showlocation`, space, `-data`, space, double-quote, the name of the workspace directory, and double-quote to the “Target” field.

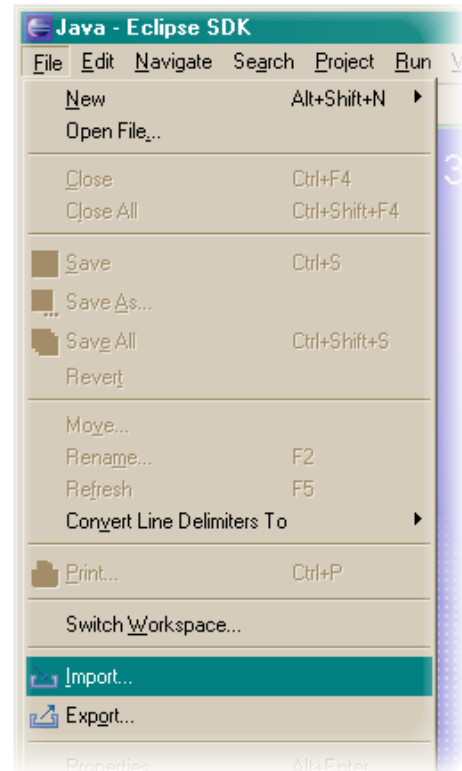
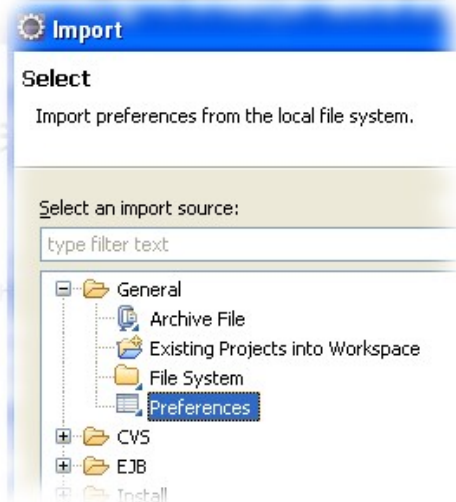
`-showlocation -data "C:\data\ics140"`

- The `-showlocation` command-line option is used to ask Eclipse to show the location of the workspace in the title bar.
- The `-data` command-line option is used to start Eclipse up in the correct workspace every time—without prompting.
- Be sure to *append* these to what was already in the “Target” field.

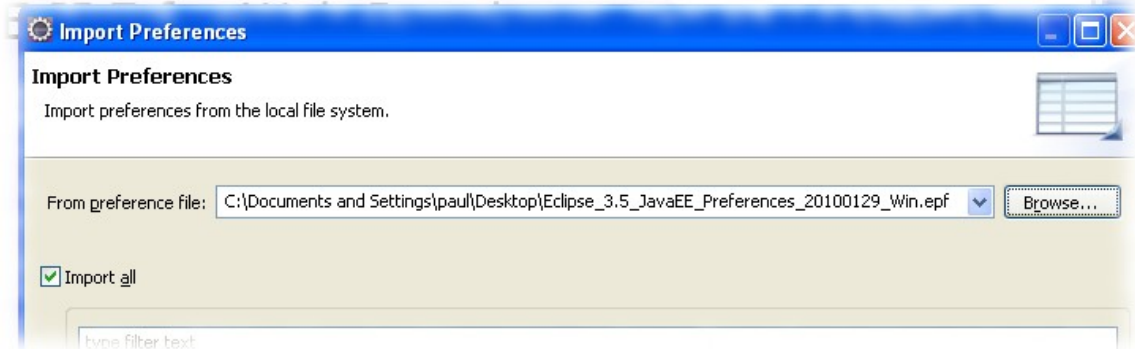


Apply Custom Settings to Eclipse

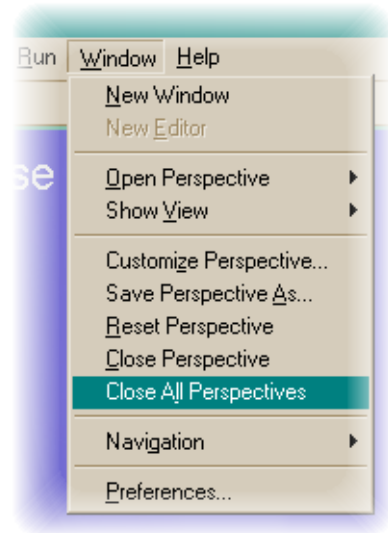
- **Launch Eclipse** using the shortcut and workspace created earlier.
- Select **File/Import** from the menus.
- Expand General and choose **Preferences** as the input source, then press Next.



- Press **Browse** to select the preferences **.epf** file.
- Click to select **Import All**.
- Press **Finish** to kick off the import.



- Select **Window/Close All Perspectives** from the menus.
- **Shutdown Eclipse** (some settings require a restart to take effect).

**Maybe: Specify Java SDK Location**

- **Launch Eclipse.**
- Select **Window/Preferences** from the menus.
- Select **Java/Installed JREs** from the tree in the pane on the left.
- Make sure that you see a JRE for Java 6 selected. If not, press Search to find one.