Orc Language Project   ECLIPSE INSTALLATION INSTRUCTIONS

Windows:

Install Java 1.6 [Download Java]
– Note that some users have reported Eclipse troubles with Java 1.6.0_21, so we recommend you install Java 1.6.0_20 or earlier instead. A version of 1.6.0_20 with EE is available [Here]. Check your hardware specifications to make sure you get the correct '(32/64)-bit' version.
– Only the JRE is required.

Install Eclipse 3.6 (Helios) for Windows [Download Eclipse]
– If you are unsure of which version fits your needs and hardware, you are probably best served by the 32-bit version of Eclipse classic 3.6.0 found [Here]. Check your hardware specifications to make sure you get the correct '(32/64)-bit' version.
– After you have downloaded the appropriate .zip file, unzip the "eclipse" folder to some directory. (From now on these instructions refer to the location where you installed eclipse as HELIOS= \directory\you\unzipped\eclipse . We recommend C:\eclipse)
– Open Eclipse by running HELIOS\eclipse.exe
– Change your workspace to the desired directory. All projects created in Eclipse will be subdirectories of the workspace directory.
– If this is the first time opening Eclipse, click the "Workbench" arrow in the upper right-hand corner.

Install the Orc plugin for Eclipse
– Open Eclipse
– Select **Help > Install New Software**
– In the window that appears, press the **Add...** button in the upper right corner
– In the window that appears, fill in the following and click **OK**:
    Name: Orc Programming Language
    Location: http://orc.csres.utexas.edu/eclipse_updates/
– The "Orc programming language" category should appear. You can either select all, or expand the category and select "Orc Eclipse plug-in"
– Continue to click **Next >**, then agree to the terms of the license agreement, then click **Finish**.
– Allow the installation of unsigned content when prompted by clicking **OK**.
– When installation is finished and a window appears, select **Restart Now**.
– Confirm installation by selecting **Window > Open Perspective > Other...** If Orc is in the listing, the plugin has been successfully installed.
– (recommended) In **Eclipse Preferences**, expand the **Install/Update** category, and select **Automatic Updates**. Select the checkbox labeled "Automatically find new updates and notify me".

Create and run an Orc project

- Open Eclipse
- Select **File > New > Other… > New Orc Project**
- Name the project, select **Next >** , then select **Finish**.
- If prompted, allow Eclipse to open the Orc perspective.
- Right-click on the project folder, then select **New > New Orc File**
- In the window that appears, select the project folder as the parent folder, then type the desired name of the new file in the "File Name:" section. Click **Finish**.
- For testing purposes, under the comments in the new file type "1 | 2" (without the quotes)
- Click the **Run** button (white arrow in green circle). If prompted, save the changes to the file. The console output should be the following:
  1
  2
- To run Orc programs in the future, simply click the **Run** button. Note the Orc program must be in the active editor or highlighted in the active navigator.