

Eclipse Installation

EMAC only provides Eclipse for installation on Linux PCs. It is not meant to be installed on the target board or Windows PCs. Before beginning installation of Eclipse, it is important to ensure that you have the necessary tools. These tools can either be command line interface (CLI) or graphical programs. This guide provides instructions for both options.

Table 1. Conventions Used

/download/directory/	Placeholder indicating the directory to which the Eclipse archive file will be downloaded.
/target/directory/	Placeholder indicating the directory to which Eclipse will be extracted. EMAC recommends that this directory be located somewhere within the development user's home directory

Tools

- Web browser (Mozilla Firefox (<http://www.mozilla.com/>) , Gnuzilla Icecat (<http://www.gnu.org/software/gnuzilla/>) , KDE Konqueror (<http://www.konqueror.org/>))
- Archiving tool
 - GUI, (Ark (<http://utils.kde.org/projects/ark/>) for KDE, File Roller (<http://fileroller.sourceforge.net/>) for Gnome)
 - CLI, (TAR (<http://www.gnu.org/software/tar/>) is standard)

Procedure

1. Download the EMAC Eclipse 3.6 distribution from the EMAC ftp site (ftp://ftp.emacinc.com/Controllers/Development_Kits/EMAC_Open_Tools/Linux/) .
2. Uncompress:
 - Using a graphical archiving tool, uncompress the archive files to the chosen development directory. EMAC strongly recommends that /target/directory be located somewhere within the development user's home directory. For assistance with uncompressing the archive files, please see the documentation for your graphical archiving tool.
 - Alternatively, you can use CLI decompression with tar. See the commands below for a basic example of how this is done.

```

$ cd /target/directory/
$ tar -xjvf /download/directory/eclipse-3.6-Linux_EMAC-rc0.tar.bz2
$ ls
...
eclipse/
...

```

3. The EMAC Eclipse 3.6 distribution is ready to run; type the name of the command with the path included to run it. See below for an example of this using /target/directory/eclipse/ as the path.

```

$ /target/directory/eclipse/eclipse

```

See the Eclipse Configuration page for more information about configuring the Eclipse installation, including instructions for creating an Eclipse desktop icon.

Next Steps

The next step after installation is configuration of the Eclipse distribution.

See Also

- Eclipse IDE
 - Install
 - Development System Configuration
 - First Time Using Eclipse
 - Import EMAC OE SDK
 - Eclipse Terminal View
 - Using the EMAC OE SDK Examples Projects
 - Create New EMAC OE SDK Projects
 - Using the EMAC OE SDK Eclipse Plugin
 - Remote System Explorer Configuration
 - RSE Setup
 - RSE SFTP Setup
 - Remote Shell/Terminal Setup
 - Execute Remote Applications
 - Debug Remote Applications

» esdk » install » configure » example » new » debug » existing_build » eclipse » linux_start » install

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