

# **LC-2200 Eclipse Plug-in User Manual**

## **1. Creating an LC-2200 Project**

1. Go to "File" menu
2. Select "New -> Project"
3. Select "LC-2200" -> "LC-2200 Project" in the wizard and click next
4. Select a project name and click finish

## **2. Creating an LC-2200 File**

1. Go to "File" menu
2. Select "New -> Other"
3. Select "LC-2200" -> "LC-2200 File" in the wizard and click next
4. Select a file name and click finish

## **3. Using Templates**

- Templates can assist users when they forget the exact structure of an instruction. To access a list of templates the user can simply press the hotkey combination for content assist, which is CTRL+SPACE. The user can then select a template for the instruction they desire. Each instruction will have a short explanation of what it does.
- The user can also fill out values in the middle of an instruction using CTRL+SPACE. Doing so will present a list of available values, e.g. registers, at a given location.
- The plug-in comes with default templates, but these can be customized in the "Windows" -> "Preferences" -> "LC-2200" -> "Templates" menu.

## **4. Customizing Syntax Highlighting**

- Syntax Highlighting colors can be customized in the "Windows" -> "Preferences" -> "LC-2200" -> "Syntax Coloring" menu

## **5. Managing Assembled Code**

- By default in the "LC-2200 Perspective" assembled code will be shown next to the code file. Users are free to drag windows around as they see fit if this perspective does not suit them.
- Generated Files can be found in the src-gen folder of LC-2200 projects. This folder will contain a 16-bit generated .lc file, a 32-bit generated .lc file, and a 16-bit generated .bin file that is meant to be viewed next to the code.
- Generated files can also be opened by right clicking the code and selecting "Open Generated File". The user can then pick the file to open from a list.
- Code generation happens automatically when saving a file. If a file has an error code generation will fail until the error is fixed.

## **6. Navigating the Outline View**

- A user can right click their LC-2200 code and select "Show quick outline" to see a list of labels present in their code. Selecting a label will move the view of the code to that line.
- A permanent outline view can be opened by navigating through the "Window" -> "Show View" -> "Outline" menus.