

7.2 Creating and Sharing New Algorithm Plugins

The Sci2 Tool is an 'empty shell' filled with plugins. Some plugins run on the core architecture, OSGi and CShell. Others convert loaded data into in-memory objects, formatted for different algorithms to read it. The algorithm plugins themselves can be divided into different menus, in this case data processing, preprocessing, analysis, modeling, visualization, and scientometrics. Users are not limited to using pre-packaged plugins; instead, they can create, download, share, and import their own.

To use an alternative plugin, simply copy the .jar file you created or downloaded into `**yoursci2directory/plugins/` and then look for the plugin's name in the Sci2 Tool menu structure.

A step-by-step guide to developing new plugins can be found at the [CShell Manual](#).