

Toolbox TLA⁺ Parser Preferences

In the Toolbox's File menu, click on Preferences. This will raise the *Preferences* window. Select TLA⁺ Preferences / TLA⁺ Parser. The default has all options selected.

A very large spec can take 10 or more seconds to parse. If it does, you may not want parsing to occur automatically when a file is saved. The *Re-parse module on save* option parses a single module, as well as all modules that it imports (directly or indirectly), when the module is saved. The *Re-parse specification on spec module save* option causes the entire specification to be parsed when any of its modules is saved. Parsing the entire specification means parsing the spec's root module. A module is considered to be part of the spec if it was imported by the root module the last time that root module was parsed.

You can parse the current module or the entire specification with the **Parse Module** (control+r) or **Parse Spec** (control+alt+r) command on the Toolbox's File menu.

If the *Always pop up Parsing Errors view* option is not selected, then you will have to click on the **Parsing Errors** option in the Toolbox's Window menu to raise the window that lists all the parsing errors. The locations of parsing errors are shown in the module editor even if that window is not raised. There is little reason not to select this option.