

# Setup eclipse with GIT, Prolog etc

## Install

1. Eclipse EE: <http://www.eclipse.org/downloads/>
2. Get a SICStus Prolog (student) license at: <http://www.sics.se/sicstus/products>

## Eclipse plugins:

1. SICStus spider: <http://www.sics.se/sicstus/spider/> / prerequisites
  - a. Eclipse: Help - Cheat Sheets... -> SICStus Prolog-Initial set up of paths to installed SICStus Prolog
  - b. Avoid problem with "Just-In-Time" compiler: Turning off the JIT compiler seems to be a workaround. You can do this by passing the option `-DSP_JIT=disabled` to `sicstus.exe` (from the command line) or by setting the `SP_JIT` system property to "disabled" in the Eclipse preferences (Preferences->SICStus Prolog->System Properties).
2. Busstuc: <https://github.com/saetre/busstuc/>
  - a. Alt+K -> compile busstuc
  - b. Alt+F3 -> show def
3. TABuss: <https://github.com/saetre/TABuss.git>
  - a. A real-time app, connected to the busstuc MultiBRIS server

## Old FURIOS Student SVN-server:

svn+ssh://saetre@vm-6114.idi.ntnu.no/home/svn/FUIROS.  
(svn+ssh://saetre@vm-6114.idi.ntnu.no/home/svn/FUIROS)

EPIC: <http://e-p-i-c.sf.net/updates>

## In case you want to do some Android development

1. download Android SDK: <http://developer.android.com/sdk/installing/index.html>
  - a. Download Android version: 8,10,16
  - b. Android ADT plugin: <http://developer.android.com/tools/sdk/eclipse-adt.html>