The SWI-Prolog /JPL (Java Interface to Prolog) with Simulink – Configurations

Prof. Marcelo Augusto Costa Fernandes

mfernandes@dca.ufrn.br

Department of Computer Engineering and Automation - DCA

Center of Technology - CT

Federal University of Rio Grande do Norte – UFRN

Natal, Brazil

- Install SWI-Prolog (32 or 64 bits) – Version SWI-Prolog 7.2.3 or later
  - http://www.swi-prolog.org/download/stable
  - Matlab 32 bits with SWI-Prolog 32 bits
  - Matlab 64 bits with SWI-Prolog 64 bits

- Update the file **librarypath.txt** that is located in **<Matlab_Root>\toolbox\local** .
  Insert the following lines (<SWI-Prolog_Root > is the SWI-Prolog root path.):
  <SWI-Prolog_Root>
  <SWI-Prolog_Root>\bin
  <SWI-Prolog_Root>\library
  Example:
  C:/Program Files/swipl
  C:/Program Files/swipl/bin
  C:/Program Files/swipl/library

- Created an environment variable called SWI_HOME_DIR pointing to the SWI-Prolog root path.
  - SWI_HOME_DIR=<SWI-Prolog_Root>

- Add in the PATH environment variable the following directories
  - <SWI-Prolog_Root>\bin
  - <SWI-Prolog_Root>\library