

development system

target system

schematic defined  
within Scilab  
script files  
using ld\_toolbox

script  
execution



two vectors (integer and double)  
containing an encoded  
version of the schematic;  
commonly stored within  
two ascii files

schematic  
execution



schematic is decoded  
compiled initially  
and executed in  
realtime

within Scilab

encoded schematic

schematic interpretation tool OR  
libdyn embedded into C++ code