Quickstart Guide

Converting from Simulink to Typhoon Schematic Editor - typhoonHILlib

linha curta

# Installing the library

1. Install the latest Typhoon HIL Control Center version
2. Download the **typhoonHILlib.zip** file from <https://github.com/typhoon-hil/model-converter/tree/master/component_libraries/Simulink/>
3. Extract the contents of the file and, from MATLAB, run **install\_typhoonHILlib.m**
4. Selected where you want the library to be installed
5. After the installation you can safely delete the ZIP and extracted files, but keep the **Examples** folder

# Creating and converting a model

1. New library blocks are now available in the Library Browser.
2. Create a model with a mix of Simscape Electrical blocks and Typhoon HIL blocks
3. You may run your model in Simulink now
4. Add a **Convert to TSE** block, select the appropriate options and click **Convert**
5. .tse and .cpd (if the **Compile** option was selected) files are created

# Testing the converted model

1. From Typhoon Schematic Editor you can open the generated .tse file
2. If the model was compiled, you can also open the .cpd file from HIL SCADA