Block Layer

.Blocks

Drag & Drop blocks using traditional **when** sample() **then** style for calls to the Function Layer.
- .Blocks.**Examples**:
   Executable examples!

.ClockedBlocks

Drag & Drop blocks using the *Synchronous Language Elements* extension of Modelica 3.3 for calls to the Function Layer.
- .ClockedBlocks.**Examples**:
   Executable examples!

Function Layer

Modelica (external C) functions grouped into following packages:
- .Packaging (packaging data for the communication devices)
- .Communication (UDP, shared memory, etc.)
- .HardwareIO (data acquisition)
- .InputDevices (keyboard, joystick, etc.)
- .OperatingSystem (real-time synchronization, etc)

C-Code Layer

The glue C-code interfaced by the External C-Function Layer. Contains the operating system specific C-code. The C-code is available within the Resource folder of this library.