Software and Graphical User Interface Layer

Start Block

Store Block

Input Block

Output Block

Delay Block

File Processor
(Save / Load)

Tools

Memory
Model

Trace
Engine

Simulator

Canvas

Zoom

Scroll

Compiler
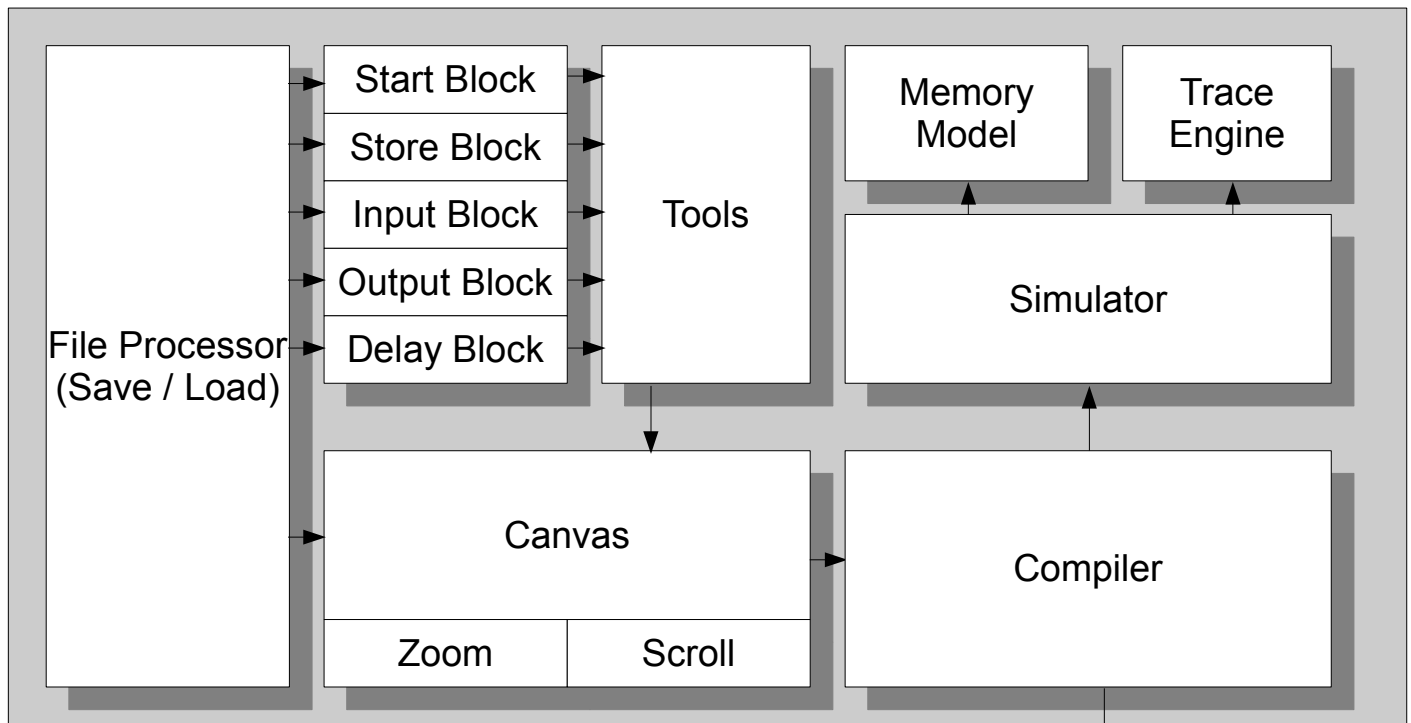
Hardware Abstraction Layer

plcmcu.mcp

plcmcu.h

plcmcu.c

program.c
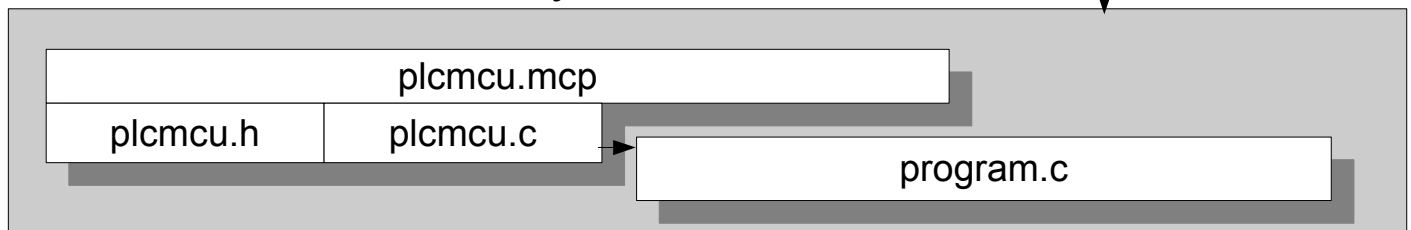
Manufacturer's Chip Tools Layer

Chip Specific C Compiler