



Setting up Verification

- Create PLC program for simulation.
- Build PLC subsystem by linking I/Os of PLC program under verification with PLC program for simulation.
- Create PLC program specific VCs
- Create environment and tests using building blocks from the PLC Verification Library
- Define test scenarios by calling high level methods from the VC APIs
- Run the simulation script to execute all tests

Benefits

- Automation:
 - Tests are run using a script.
 - Tests check their results themselves.
- Easy Setup:
 - Library provides ready to use building blocks.
 - Scenarios are defined on a high level of abstraction.
- No Hardware:
 - Reduces risk of hardware damages.