

Reviewing Polyspace Results

OEM: MathWorks • Duration: 1 Day (8 hrs) • Code: MW-REVIEWING-POLYSPACE-RESULTS

COURSE MODULES & TOPICS

Day 1 of 1

Polyspace Bug Finder Analysis

- Polyspace Access dashboard overview
- Polyspace Bug Finder defect analysis and management
- Coding rule violation review
- Code metric review

Analyzing Polyspace Code Prover Results

- Abstract interpretation overview
- Call tree analysis
- Source code navigation
- Execution paths
- Variable ranges
- Global variables

Managing Polyspace Code Prover Results

- Determining verification effort
- Checking assumptions
- Performing a selective orange review
- Prioritizing and reviewing orange checks
- Reviewing context-specific results with constraints
- Finding indicators that analysis options should be changed

Integration and Application Analysis

- Understanding the impact of integration on verification
- Reviewing issues apparent after integrating a component
- Collaborating with colleagues in the web interface