

Requirements and Defects Traceability

This section covers requirements and defects traceability. In addition to graphically reporting requirement and defect status as indicated by developers, Project Center traces requirements and defects back to test cases. At a glance, the team can gain an objective assessment of which requirements are actually working as expected, which defects are resolved, and which requirements and defects still need testing. This real-time visibility into true requirement and defect status helps you prevent late-cycle surprises that threaten to derail schedules and budgets.

Sections include:

- [Correlating Code via Test Case Execution](#)
- [Correlating Tests](#)
- [Determining Which Requirements Require Retesting](#)

Correlating Code via Test Case Execution

Project Center can monitor which source code that is exercised when a test executes, then correlate that source code with the appropriate task, requirement, or defect.

To do this, you need to:

- Enable reporting to Project Center - see [Connecting to Project Center](#)
- Mark which task, requirement, or defect each test is related to - see [Indicating Code and Test Correlations](#).

Correlating Tests

If you are correlating code via test case execution (as described above) no additional configuration is necessary for this.

In addition to enabling the tracking of correlations among tests, tasks, requirements, and defects, this allows Project Center to track the number of project PRs/FRs/tasks that have test cases, track PR/FR/task test case status details (passed, failed).

Determining Which Requirements Require Retesting

See [Determining Where Retesting is Needed](#).