z/TPF V1.1

2013 TPF Users Group
Code Coverage Merge

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Agenda

- **Code Coverage revisited**

- **Merging code coverage results**

- **Demo**

- **Questions**
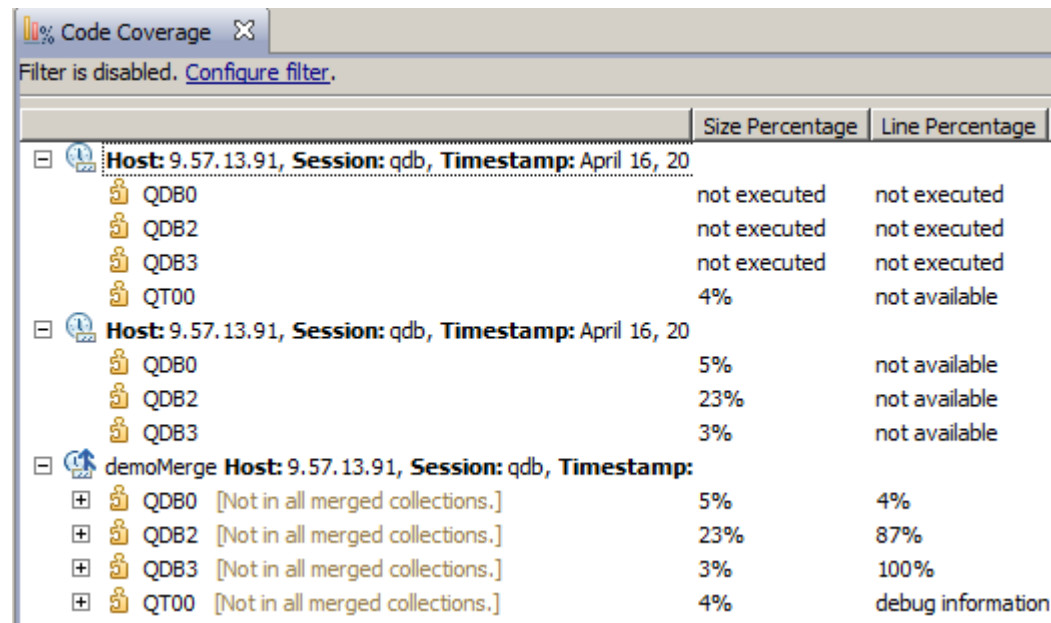
Code Coverage revisited

- **Code Coverage is a quality assurance tool**

- **Allows testers, QA leads, project managers to gauge the quality of testing**

  - Better testing → better quality product

- **Several code coverage milestones:**

  - Original tooling in v3.6.0 (APAR PJ37973)

  - Source analysis (line by line) in v3.6.3 (APAR PJ38995)

  - Comparing code coverage results in v4.0

So why merge results?

- **Most test plans last weeks if not months**

  - Not reasonable to use the same collection the entire time

  - A better approach:

    - Start collection, run tests 1-10
    - Start another collection, run tests 11-20
    - Or perhaps *Tester 1* runs 1-10 and *Tester 2* runs 11-20

- **At the end of your test cycle, the QA lead wants a complete picture of testing**

  - *Merge the existing results!*

Code Coverage Merge

- **Select one or more results and merge**

- **Consistent look-and-feel for merged results**

    - **Filtering, sorting, etc. all apply to merge results**

Demo

IBM z/Transaction Processing Facility Enterprise Edition 1.1

Questions?

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