How CICS IA can help with CICS TS Projects and Problems.

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Agenda

CICS projects , problems and solutions

- Workload Management
- □ Threadsafe Analysis
- Upgrading CICS TS or Applications
- ☐ Implementing events with TS 4.1
- □ Implementing 24 * 7
 - Migrating from VSAM to DB2
- □ Problem Determination
- □ Operational Problems

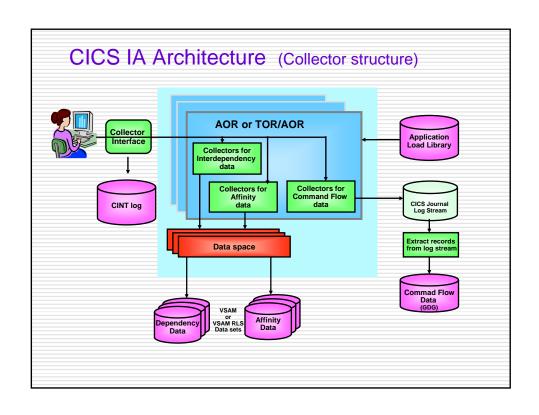
What is CICS Interdependency Analyzer for z/OS?

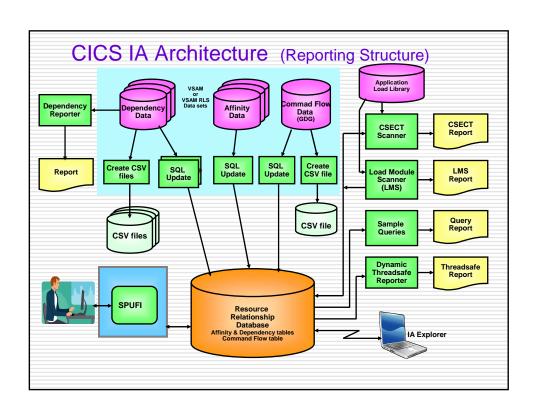
□ CICS IA

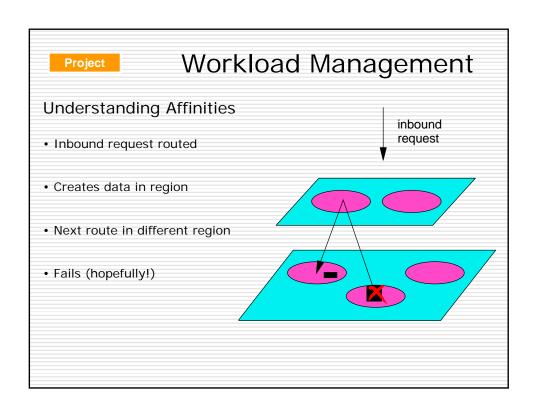
- Captures CICS application relationships:
 - resources used
 - CICS: Transactions, Programs, Files, TSQs, TDQs, Webservices, etc
 - DB2: tables , views, cursors etc
 - MQ: Queues , QueueMgrs
 - IMS/DLI: PCBs and PSBs
 - Natural and Adabas resources
- Captures CICS Affinity data
- Batch Scanners
- □ CSECT scanner, CICS command scanner
- All data loaded into a DB2 data base
- CICS Explorer plug-in integrates with CICS run-time and other tools

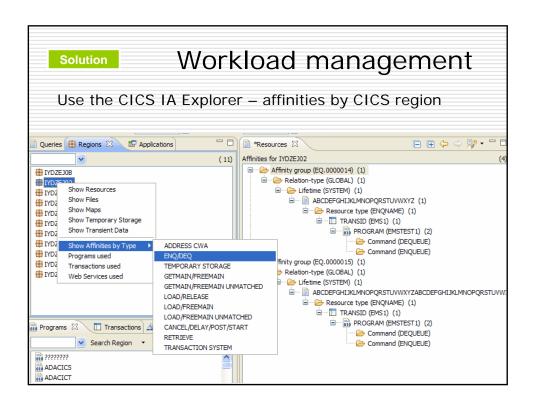
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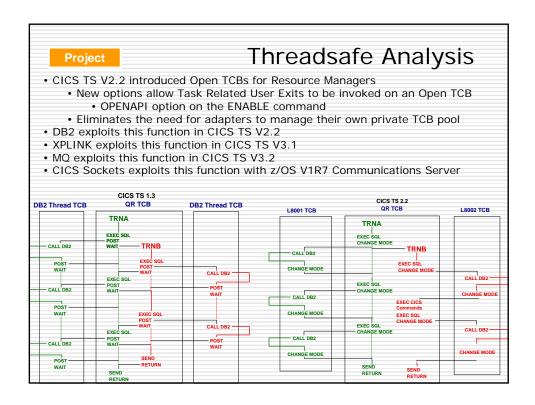
- New in CICS IA V3.1
 - Supports all new and updated CICS TS V4.1 resources
 - Events, Atom feeds, Bundles, XML mappings, etc
 - Fully supported plug-in for the CICS Explorer
 - Command Flow feature
 - Natural program interactions and ADABAS usage
 - Migration queries for CICS TS V4.1
 - Collect Affinity and Dependency data at the same time
 - Change collector options dynamically

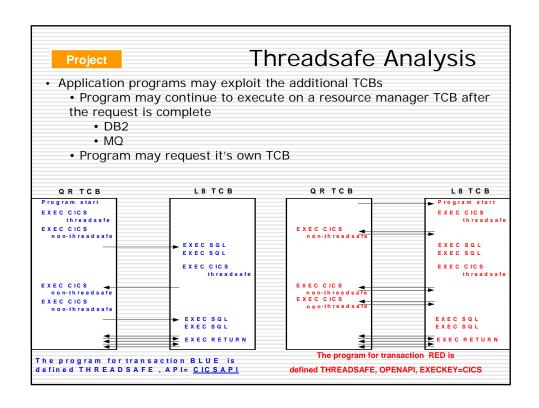


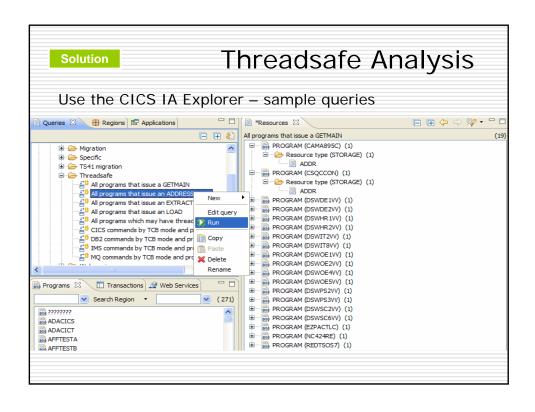


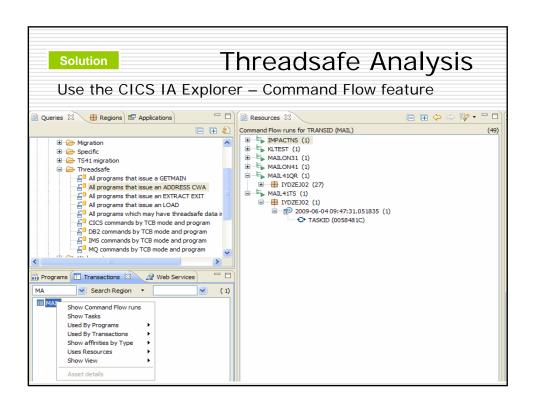


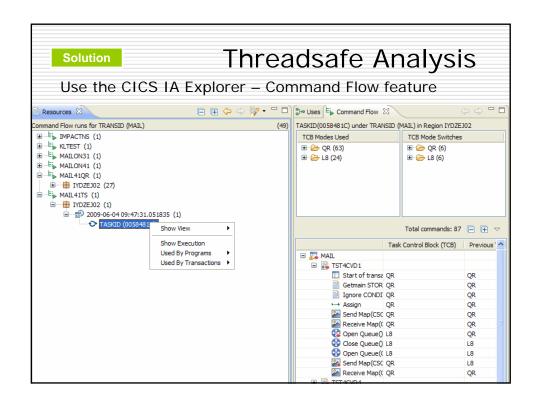


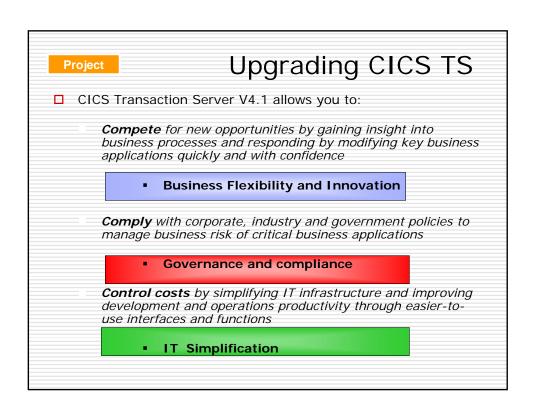




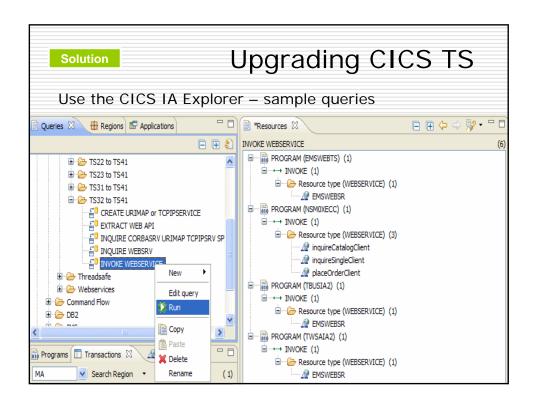


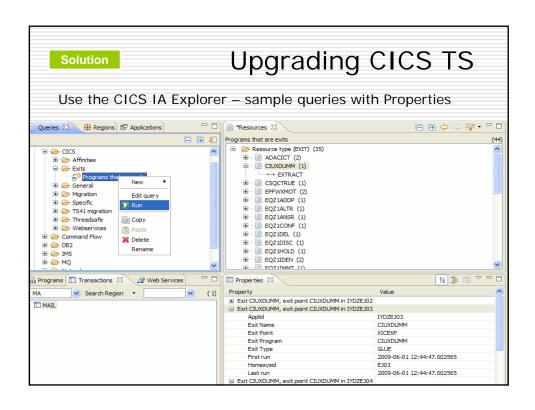


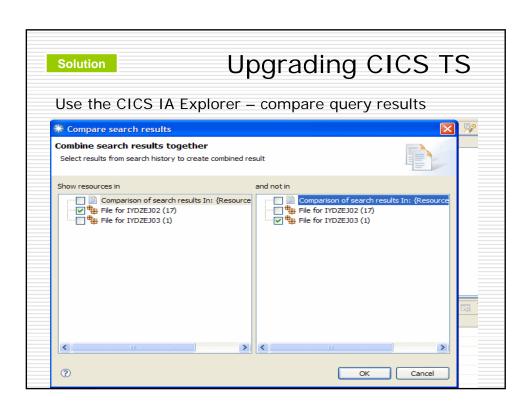


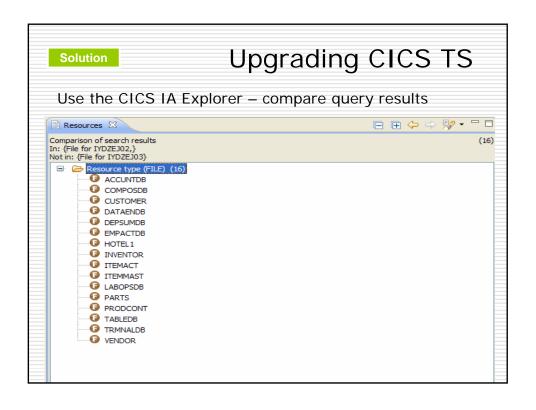


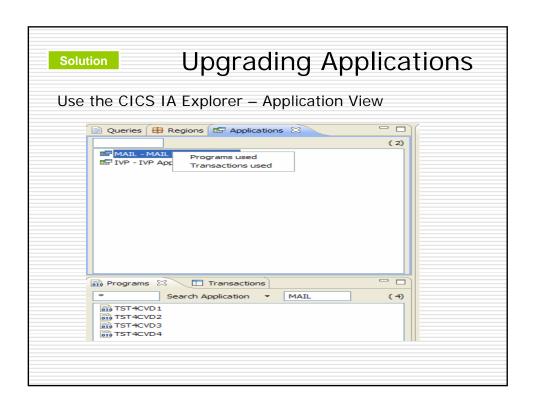
Upgrading CICS TS Considerations Changed or Deleted APIs/SPIs Changed GLUEs and TRUEs Test Coverage Application upgrades What makes up an application?

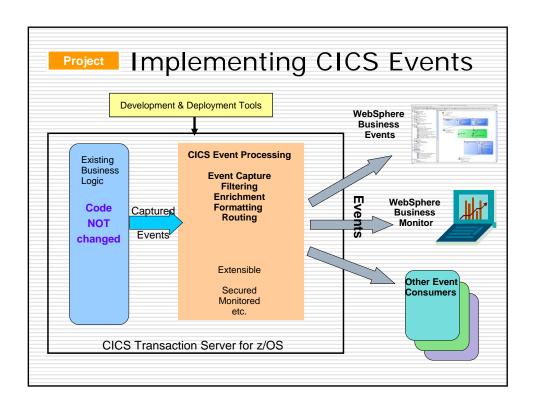


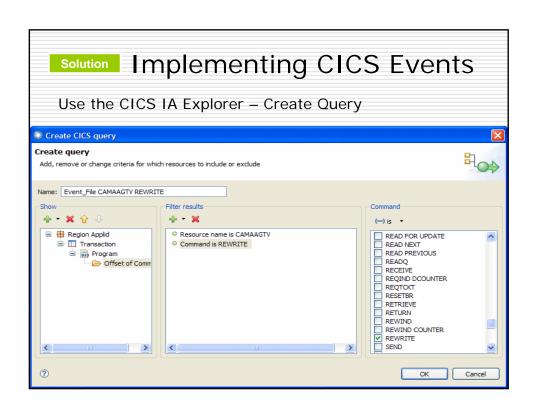


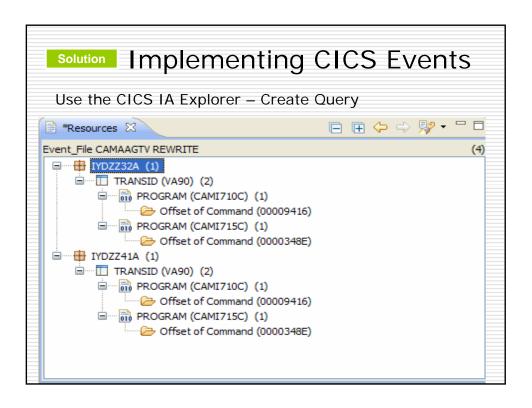


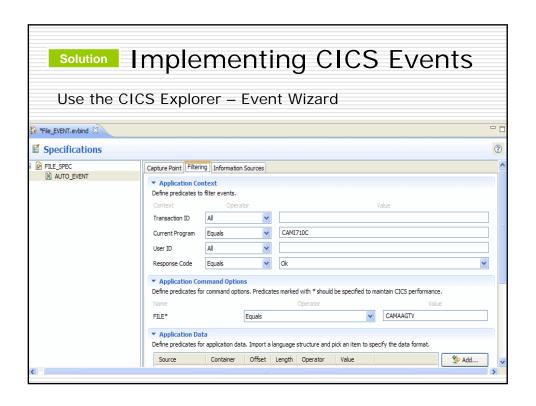




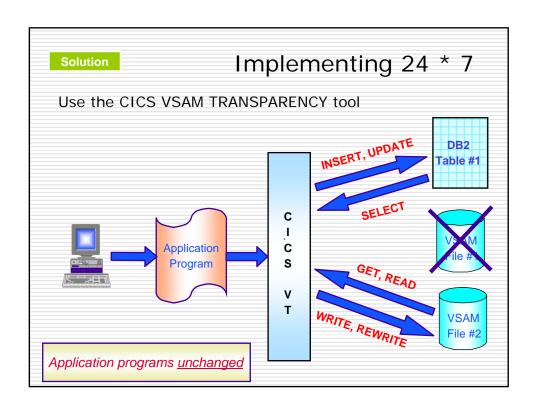


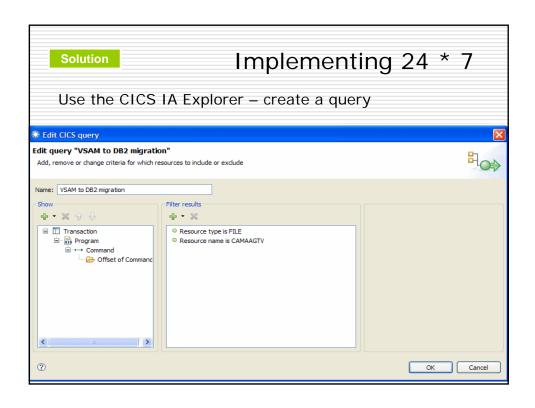


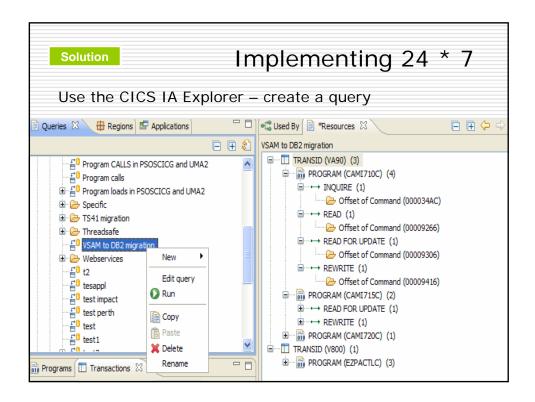




• Migrating from VSAM to DB2 • Code change costly....







Problem Determination Outages after weekend maintenance / upgrades. What has changed since the application ran OK?

