

CA-AutoSys Workload Automation r11.3 Upgrade Readiness Course Summary

Description

This class was designed to ensure our clients have the knowledge necessary to take over the R11.3 environments once the upgrade to R11.3 has occurred. This course is designed to get current users of AutoSys "ready" for the next release of AutoSys (R11.3). This course covers all the new features and functionality of AutoSys as well as WCC.

Topics

- R11.3 Architecture
- Work Load Control Center
- Job Scheduling
- Scheduling
- Job Monitoring
- New Job Types
- Troubleshooting and Debugging

Audience

This course is designed for Developers, Schedulers and Operators.

Prerequisites

Students should have taken the AutoSys Workload Automation r11 Fundamentals course before attending.

Duration

Three days

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Course Outline

I. R11.3 Architecture

- A. Application Architecture
 - 1. Scheduler
 - 2. Application Server
 - 3. Data Server
 - 4. Dylan Socket Adapter
 - 5. EEM
 - 6. Agent
 - 7. Communication Methods
 - 8. Workload Control Center
- B. Process Architecture
 - 1. Applications, Events and Jobs
 - 2. Job Execution
 - 3. Job Objects

II. Work Load Control Center

- A. Navigation
- B. WCC Architecture
- C. Common Components
- D. What are flows?
- E. What are views?

III. Job Scheduling

- A. Job Editor
 - 1. Introducing the Job Editor
 - 2. Job Types
 - 3. Review : Common Job Attributes
 - 4. Review : Unique Job Attributes
 - 5. Lab 1-1: Job Editor
- B. Application Editor
 - 1. Introducing the Application Editor
 - 2. Using the Application Editor
 - 3. Demonstration 2-1: Application Editor
 - 4. Lab 2-2: Application Editor

IV. Scheduling

- A. Job Objects
- B. Scheduling Jobs
- C. Standard Calendars
- D. Extended Calendars
- E. Cycles
- F. Global Variables
- G. Demonstration 1-1: Extended Calendars
- H. Lab 1-2: Setting up Extended Calendars

V. Job Monitoring

- A. Introducing Job Status Console

- B. Introducing Job Flow Monitoring
- C. Introducing Quick View
- D. Introducing Event Console
- E. Monitoring with Job Status Console
 - 1. Job Status Console – Job Status tab
 - 2. Review : AutoSys Actions
 - 3. Job Status Console – Alerts tab
 - 4. Demonstration 3-1: AutoSys Alarms
 - 5. Using Alerts
 - 6. Demonstration 3-2: Alert Policies
 - 7. Lab 3-1: Alert Policies for Finance
 - 8. Job Status Console – Views
 - 9. Configuring Views
 - 10. Demonstration 3-3: Job Status Views
 - 11. Lab 3-1: Job Status Views
- F. Monitoring with Job Flows
 - 1. Defining Job Flows
 - 2. Demonstration 3-4: Job Flows
 - 3. Lab 3-2: Job Flows
 - 4. Viewing Job Flows
 - 5. Demonstration 3-5: Viewing Job Flows
- G. Monitoring with Quick View
 - 1. Demonstration 3-6: Quick View
- H. Monitoring with Event Console
 - 1. Monitoring with Event Console
 - 2. Demonstration 3-7: Event Console
 - 3. Final Lab: Nightly_run batch cycle
 - 4. Bulk Loading Policies
 - 5. Scripting Policy Creation

VI. New Job Types

- A. Monitoring Jobs
 - 1. Job Type: CPU (CPU Monitoring Job)
 - 2. Review : CPU Job Setup Options
 - 3. Demonstration 1-1: CPU Job Setup
 - 4. Lab 1-1: CPU Job Setup
 - 5. Job Type: DBMON (DB Monitoring Job)
 - 6. Review : DBMON Job Setup Options
 - 7. Demonstration 1-2: DBMON Job Setup
 - 8. Lab 1-2: DBMON Job Setup
 - 9. Job Type: OMD (Disk Monitoring Job)
 - 10. Review : OMD Job Setup Options
 - 11. Demonstration 1-3: OMD Job Setup
 - 12. Lab 1-3: OMD Job Setup
 - 13. Job Type: OMIP (IP Monitoring Job)
 - 14. Review : OMIP Job Setup Options
 - 15. Demonstration 1-4: OMIP Job Setup

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Course Outline (cont'd)

16. Lab 1-4: OMIP Job Setup
 17. Job Type: OMEL (Windows Event Log Monitoring Job)
 18. Review : OMEL Job Setup Options
 19. Demonstration 1-4: OMEL Job Setup
 20. Lab 1-4: OMEL Job Setup
 21. Job Type: OMS (Windows Service Monitoring Job)
 22. Review : OMS Job Setup Options
 23. Demonstration 1-4: OMS Job Setup
 24. Lab 1-4: OMS Job Setup
 25. Job Type: OMPU (Process Monitoring Job)
 26. Review : OMPU Job Setup Options
 27. Demonstration 1-4: OMPU Job Setup
 28. Lab 1-4: OMPU Job Setup
 - B. Trigger Jobs
 1. Job Type: DBTRIG (DB Trigger Job)
 2. Review : DBTRIG Job Setup Options
 3. Demonstration 2-1: DBTRIG Job Setup
 4. Lab 2-1: DBTRIG Job Setup
 5. Job Type: FT (File Trigger Job)
 6. Review : FT Job Setup Options
 7. Demonstration 2-2: FT Job Setup
 8. Lab 2-2: FT Job Setup
 - C. DB Job Types
 1. Job Type: DBPROC (DB Stored Procedure Job)
 2. Review : DBPROC Job Setup Options
 3. Demonstration 3-1: DBPROC Job Setup
 4. Lab 3-1: DBPROC Job Setup
 5. Job Type: SQL (Sql Query Job)
 6. Review : SQL Job Setup Options
 7. Demonstration 3-1: SQL Job Setup
 8. Lab 3-1: SQL Job Setup
 - D. File Job Types
 1. Job Type: FTP (File Transfer Job)
 2. Review : FTP Job Setup Options
 3. Demonstration 4-1: FTP Job Setup
 4. Lab 4-1: FTP Job Setup
 5. Job Type: SCP (Secure Copy Job)
 6. Review : SCP Job Setup Options
 7. Demonstration 4-2: SCP Job Setup
 8. Lab 4-2: SCP Job Setup
 9. Job Type: OMTF (Text File Job)
 10. Review : OMTF Job Setup Options
 11. Demonstration 4-3: OMTF Job Setup
 12. Lab 4-3: OMTF Job Setup
- ### VII. Troubleshooting and Debugging
- A. Debugging WCC
 1. WCC Servlet Log Files
 2. Checking Application Server Logs
 3. Demonstration 1-1: Viewing Logs
 - B. Debugging AutoSys
 1. Application Server Log File
 2. Dylan Socket Adapter
 3. Setting Debug on for Application Server
 4. Restarting Services
 5. Demonstration 2-1: Debugging Lab
 - C. Troubleshooting Job Failures
 1. Viewing Job Logs Through WCC
 2. Viewing Scheduler Log Through WCC
 3. Demonstration 3-1: Viewing Job Logs
 4. Lab 3-1: Troubleshooting Failures
 5. Demonstration 3-2: Viewing Scheduler Log
 6. Lab 3-2: Viewing Scheduler Log

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