

IBM Rational Synergy QuickStart

Service Overview

- ***Provides training for developers and build managers***
- ***Completes the server software installation***
- ***Migrates a baseline of source code into Rational Synergy***
- ***Configures Rational Synergy to support your CM process***

Start off your implementation on solid ground. The IBM Rational® Synergy QuickStart provides introductory training, assists and documents your installation, and sets up your development environment to support your configuration management (CM) process.

Activities

During the Rational Synergy QuickStart, you will get a baseline of your existing source code, which will be migrated into your Rational Synergy solution and set up to match your project and CM procedures. Furthermore, the training will provide essential information for build managers as well as developers. This Rational QuickStart offering is scheduled over a two week period. The second week can be scheduled after a one week gap to allow for additional customer preparations and migration activities, as needed.

Assumptions

The following assumptions apply to this offering:

- Team size will be 12 or fewer developers, all located at the same site.
- The server where the software is to be installed is located at same site as the developers.
- Distributed development activities are not in scope of the QuickStart package (although the Rational Synergy solution does support this).
- IT personnel and servers are directly accessible and readily available including access to server root or administrator login.
- All security reviews and approvals required for creation of user accounts required for the installation of Rational Synergy have been completed prior to the QuickStart commencing.
- Built-in Rational Synergy security and authentication will be used; external directory services are outside the scope of the QuickStart.
- Special requirements for network authentication, encryption or user security are outside the scope of the QuickStart.

Agenda - Week 1					
Day 1	Day 2	Day 3	Day 4	Day 5	
Install	Training		Migration	Customer activities	
Review admin topics, Synergy installation	Build manager training Target 4 or 5 people with build/team lead responsibility		Joint migration activity	Customer completes migration, confirms build process	Customer preparation activities

Agenda - Week 2					
Day 1	Day 2	Day 3	Day 4	Day 5	
Setup workflow		Training	Go-live prep	Mentor/Support	Deployment
Review open items, baselines, templates, releases, build manager projects		Developer training	Setup users, work areas, client installs	Go live support	Customer completes or additional IBM consulting

WEEK 1

DAY 1

Review IT administrator topics

- High-level Rational Synergy architecture
- Key architecture components including:
 - Informix server
 - Rational Synergy database repository
- Demonstrate and perform
 - Creating and removing a database
 - Performing integrity checks
 - Backing up and restoring a database
 - Managing users and disk space
- Plan a Synergy installation

Install Rational Synergy server software

- Base software and service packs
- Create and test backup scripts

DAYS 2-3

Build manager essentials training

- Software development with Rational Synergy
- Introduction to projects, releases, tasks, and baselines
- Managing Synergy project contents
- Project groupings, add/remove tasks, baseline creation
- Configuration management using Synergy
- Build manager goals and responsibilities, controlling development process flow, build management lifecycle, Synergy processes
- Set up software releases
- Release granularity, parallel controls within a release, baseline initialization, integration and system test prep projects, custom queries
- Integration and system testing
- Update projects, resolve conflicts, build and test, baseline

- Finalizing a release
- Reporting changes between builds, what's missing from a build, release a baseline, set up next release, carry forward open tasks
- Managing conflicts
 - Roles and actions for identifying and resolving program conflicts, types of conflicts, conflict detection
- Managing baselines
 - Aggregating tasks to define a baseline, how and when to baseline, clean up intermediate baselines
- Parallel development
 - Allow or disallow parallel development, parallel settings within a release/across releases, fix/patch a prior release
- Structuring projects
 - Map source code file directory to Synergy projects, work area path templates, sub-projects and module re-use, static copy-based sub-projects, add projects to existing release, convert sub directory to Synergy project, project groupings

DAY 4

Source code migration

- Review selection of initial project for migration to Rational Synergy
- Set up migration rules and file type definitions
- Target project is assumed to be less than 5000 objects to be migrated. Previous history of objects can be later migrated by customer if desired. It is assumed that projects will not need restructuring.

DAY 5 and beyond

Customer activities

- Complete source code migration as desired
- Wrap up remaining installation items
- Prepare for week 2 activities, coordinate and communicate schedule commitments

WEEK 2

DAYS 1-2

Review implementation and deployment activities remaining

- Verify and set-up task workflow
- Create/verify initial baselines
- Create/verify configuration templates
- Create/verify release objects
- Create/verify build manager PREP projects

DAY 3

Developer training

- Concepts overview
- Rational Synergy terminology
- Day-to-day activities for the developer
- Day-to-day activities for the team
- Development scenario

DAY 4

Go live preparation activities

- Synergy client software installs
- Set up Rational Synergy users
- Set up work areas

DAY 5

Go live

- Mentoring and support
- Project review/deployment next steps

For more information

To learn more about the Rational Synergy QuickStart, or Rational products, contact your IBM representative or IBM Business Partner, or visit:

ibm.com/software/rational/services



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