Rational. software

The IBM Rational Unified Process for Systems Engineering Deployment Service

Build Your Team's Capability

Systems are comprised of software, hardware, and workers roles that collectively meet a business purpose. Systems development consists of designing, implementing, and delivering systems. Many software developers do some form of systems development. The IBM® Rational Unified Process® Systems Engineering Deployment Service provides you with guidance and tool support to achieve the benefits of the Rational Unified Process for systems development. In addition to pure systems development projects, this deployment service is applicable to projects that have:

• Concurrent hardware and software development
• Sufficiently large software development effort to require more than one development team
• Architecturally significant deployment issues

This packaged service is a combination of classroom training, tool environment customization, on-site workshops, and support. It consists of a set of materials that facilitate the delivery of the service along with tool support.

This deployment service brings the benefits of RUP and Rational's best practices to systems development:

• *System Team Support –* Provides for ongoing collaboration of business analysts, architects, system engineers, software developers, hardware developers, and testers.
• *System Quality –* Provides the views to support addressing system quality issues in an architecture – driven process
• *System Visual Modeling –* Provides UML support for systems architecture
• *Scalability –*Scales from small to large systems
• *Component Development –* Provides the workflows for determining the hardware and software components
• *Iterative Design and Development –* Supports concurrent design and iterative development of hardware and software components

Service Offering

A RUP systems engineering engagement may be comprised of one or more of the following services.

• Rational University courses to provide the learning foundation – Requirements Management with Use Cases, Object-Orientated

Analysis and Design, and Principals
of Managing Iterative Development.

• Onsite delivery of RUP-based
Systems Engineering Seminar – full
day seminar

• A workshop with team mentoring
sessions, which results in the
development of customer project
artifacts.

• Installation and maintenance of the
Rational Rose® and Rational®
RequisitePro® add-ins to help
automate the process

• Mentoring in a RUP systems
engineering development case

• Mentoring in the creation of the project
development plan

Rational software offers a full range of
services to help you accelerate
implementation by building team
capability. More information about
technical support, education and
training, packaged services, and
consulting and mentoring can be
found at **www.ibm.com/rational**.

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