IBM® Service Offerings
for Rational Unified Process®

Highlights

■ **Provides a roadmap to deploying RUP's best practices, tying the process directly to your business needs and current situation**

■ **Accelerates the deployment of RUP, enabling more rapid realization of its benefits**

■ **Promotes IBM best practices in software development**

■ **Helps to mitigate the risks commonly associated with introducing new technology and processes to your team**

■ **Provides a path to self-sufficiency with RUP**

Recommended for:

- *Project teams or organizations of any size that are newly adopting RUP*
- *Current users who are expanding the use of RUP within their organization*

IBM Professional Services can help you develop and deploy your solution through three types of service offerings: software capability assessments, RUP deployments, and RUP customization services. These service offerings are configurable and designed to enable you to deploy RUP in the most efficient and effective manner possible. Your IBM Rational account team will offer guidance and tools necessary for you to adopt RUP to address your unique situation while mitigating the risks associated with introducing new methodology into your organization.

IBM Rational's many years of experience in successfully introducing software engineering best practices are packaged in configurable service offerings that will help you take full advantage of your RUP investment.

Each RUP service offering follows proven paths to success and includes a comprehensive set of activities, milestones, and deliverables.

Rational® software

IBM Rational Software Capability Assessment

The first step before deploying RUP is the Software Capability Assessment. This is an independent evaluation of your software development best practices, measured against IBM best practices.

Throughout the assessment process, IBM gains an in-depth understanding of your business needs and desired results from the RUP solution. Given the current state of your software development practices and your desired results, IBM provides a prioritized list of specific recommendations for deploying IBM best practices that will help deliver increased business value. This objective, third-party perspective by industry experts can provide you with the much-needed business justification for change.

Next, you and your team will decide on which recommendations to pursue. After discussing with you any schedule and budget constraints you may have, IBM then prepares a detailed roadmap to implementation.

This roadmap will outline the deployment activities, deliverables, and training, as well as the staff and resources your team needs for an efficient and successful RUP deployment.

IBM Deployment Service for Rational Unified Process

The IBM Deployment Services for Rational Unified Process are used to incrementally deploy IBM's best practices to an organization, shortening the learning curve and addressing the challenges associated with organizational change and the introduction of new techniques and methods. The deployment scope depends on the specific needs and desired business results of your organization.

The IBM Deployment Services for Rational Unified Process may be right for your team if you:

- *Wish to deploy all of the best practices or specific best practices to a specific project or your entire organization.*
- *Desire to maximize team efficiency by starting your software development projects with a well-defined process and the same baseline of knowledge.*

IBM Customization Service for Rational Unified Process

The IBM Customization Services for Rational Unified Process guide you in the use of the RUP customization tools (RUP Builder and Rational Process Workbench) to customize a RUP Web site that better reflects your organization's software development processes.

The IBM Customization Services for Rational Unified Process may be right for your team if you:

- *Have already deployed RUP and are interested in customizing the RUP Web site to better reflect your RUP development case.*
- *Have already performed some customization of RUP, but are interested in more extensive customization (for example, you are interested in developing RUP plug-ins containing your software development processes).*

Deployment Activities and Deliverables

The RUP deployment service offerings consist of similar activities and deliverables; the difference is in the scope of the organization to which RUP is being deployed—project vs. organization—and the tools being deployed.

Deployment Planning

The IBM deployment project manager works with your team to define and document the vision, scope, roles, resources, and communications plan for your deployment project team. He or she will help you produce the project schedule and define milestone checkpoints, each of which calls for a progress review to ensure that all parties remain in agreement as to the definition, design, and implementation of the RUP solution as the deployment project unfolds.

Environment Specification

An IBM technical consultant works with your IT department to determine where to install the RUP solution and captures these decisions in an Environment Specification Report. This report specifies the subsequent installation activity.

Usage Model Definition

A senior IBM process consultant works with your team to define how each of the identified roles on your team (project managers, analysts, designers, architects, etc.) should use the RUP solution in their daily work. Together, you define and document the processes and supporting metrics and document the results in usage model documents.

The approved usage model documents become the specification for the subsequent configuration activity.

Installation and Configuration

An IBM technical consultant installs the RUP solution according to the Environment Specification Report and configures it according to the usage model documents.

A checkpoint occurs here, too, giving your team a chance to interact with a preliminary version of the configured tool to ensure that it will meet the needs of the end-users. Any needed adjustments are made before making the solution available to the rest of your team.

Rollout to End-Users

When the RUP solution is approved for rollout, IBM prepares training materials to introduce the solution to the designated end-users. IBM then delivers training, makes the solution available for production use, and mentors end-users as they begin to use the solution in their daily work.

Administration Planning

An IBM technical consultant works with your designated RUP tool administrator, IT system administrator, and database administrator to define ongoing administration and maintenance procedures, roles, and responsibilities. The decisions are captured in an Administration and Maintenance Plan.

With administration planning completed, IBM will conduct another checkpoint with management and key stakeholders to summarize the results of the deployment activities, discuss any remaining gaps between the current and desired software development practices, and recommend next steps for gaining additional value from the RUP solution.

Follow-Up Deployment Review

After your team has used the RUP solution for at least 30 days, IBM returns to hold informal interviews with the end-users, your tool administrator, and others to capture their evaluation of the environment based on their initial experiences.

If any issues are found that, if left unresolved, could impede or delay your desired results from your investment in the RUP solution, IBM will prepare recommendations for resolving the issues.

A Sound Investment

You need the right skills and experience to build on-demand business solutions. As part of this process, you must leverage your most valuable asset— your people. IBM Professional Services has a proven approach to helping identify your needs. By combining the intellectual capital of your people with the critical technical skills from IBM Professional Services consultants, you can create a team that understands the complexities of the technologies that run your business.

You can rely on the deep technical skills of the IBM Professional Services team to help you succeed.

Additional information is available at:
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