

Informatica Cloud Real Time Foundation

Overview

Benefits

- Shorten your project development time by significantly reducing your developer's ICRT learning curve
- Improve the quality of your application design by working with an experienced Senior Consultant
- Improve the quality of code and its maintainability and cost by using ICRT best practices
- Jump start real implementation of your integration project

Typical Duration

- 2 Weeks

IPS Staff Level

- Senior Consultant

Delivered by expert instructors from Informatica Professional Services, the Informatica Cloud Real Time (ICRT) Foundation is a two week engagement designed for new users of ICRT. The first half of the engagement consists of live demos, presentations, discussions, and hands-on labs covering all of the basic skills needed to design, develop, test, deploy and monitor new business processes in ICRT.

The second part of the engagement serves to reinforce the instruction of the first week by diving more deeply into specific customer needs and questions, as well as to work directly with customer personnel to design and build initial prototypes of real integration business processes relevant to the customer's domain and project. Design patterns, technical tips, and best practices for development using ICRT are also covered at this time.

The target audiences of the Foundation package are architects and developers who, after participating, will have a good understanding of best practices and techniques needed to implement standards-based composite applications using ICRT. The hands-on nature of the instruction means that students will also have the practical skills necessary to use Informatica Cloud Process Developer to design, build, deploy, and execute real time integration processes.

Key Program Objectives

- Understand the components of Informatica Cloud Real Time (ICRT), including development tools and the runtime environment.
- Gain experience with ICRT through labs that take you through the entire application lifecycle.
- Learn best practices and techniques for planning and developing processes and integrations using ICRT.
- Understand various control-flow patterns that can be leveraged within a process (e.g., loops, scopes, fork-join, pick, conditional branches).
- Learn how to implement interactions with partner services as part of a business process.
- Test, deploy, execute and debug business processes using the Informatica Cloud Process Developer IDE.
- Use the ICRT console to monitor and administer running processes.
- Become familiar with the concepts and practices to enable coordination between processes, including message correlation and callbacks.

Workshop/Schedule Overview

- Introductions. Overview of Informatica Cloud Real Time, BPMN Basics, Annotations, Control Flows, Embedded Sub-processes.
- BPMN Events, Conditions & Gateways, Planning, Orchestration, Simulation, Deployment, Instantiation, introduction to Expressions.
- Coordination between processes, Callbacks, Correlation, Expressions continued, Event Sub-Processes (Fault & Event Handling).
- Compensation, ICRT Agent administration and management; Contribution management, versioning, and deployment review.
- ICRT Agent administration and management, contribution management, versioning, and deployment, Q&A.
- Begin customer-specific technical topics and architectural discussion/consulting (whiteboarding), goal setting and project planning for the remainder of the workshop.
- Further customer-specific process design, prototyping, and deployment, reinforcement of skills and learning, best practices, tips and techniques.

Prerequisites

- OS: Windows XP, Unix, Mac
- 2GB RAM or higher (recommended – 1GB minimum)
- Student computers (lap/desktop)
- Informatica Cloud Process Developer downloaded and installed
- Informatica Cloud org (at least one required) provisioned and available
- Class Files (in Zip format)
- Internet access
- Adobe Reader (for PDF files)

Note: Environment setup and verification is required before the onsite portion of the engagement will begin.

About Informatica

Informatica Corporation (Nasdaq:INFA) is the world's number one independent provider of data integration software. Organizations around the world rely on Informatica to realize their information potential and drive top business imperatives. Informatica Vibe, the industry's first and only embeddable virtual data machine (VDM), powers the unique "Map Once. Deploy Anywhere." capabilities of the Informatica Platform. Worldwide, over 5,000 enterprises depend on Informatica to fully leverage their information assets from devices to mobile to social to big data residing on-premise, in the Cloud and across social networks. For more information, call +1 650-385-5000 (1-800-653-3871 in the U.S.), or visit www.informatica.com.

Learn More

Do It Right the First Time

Contact Informatica Professional Services at ips@informatica.com



Worldwide Headquarters, 2100 Seaport Blvd, Redwood City, CA 94063, USA Phone: 650.385.5000 Fax:650.385.5500
Toll-free in the US: 1.800.653.3871 informatica.com [linkedin.com/company/informatica](https://www.linkedin.com/company/informatica) twitter.com/InformaticaCorp

© 2012 Informatica Corporation. All rights reserved. Printed in the U.S.A. Informatica, the Informatica logo, and The Data Integration Company are trademarks or registered trademarks of Informatica Corporation in the United States and in jurisdictions throughout the world. All other company and product names may be trade names or trademarks of their respective owners.