opentext™ / Fast Lane

PPM Center 10.x Advanced Training (PPM350-10)

ID PPM350-10   **Price** 3,200.— €(excl. tax)   **Duration** 4 days

Important notes for the booking of Open Text trainings

Please note that prepayment is required for participation in an Open Text training course. Participation in a training course is possible for 12 months after booking the course. Cancellations are excluded. For further information, please refer to **our** General Terms and Conditions.

Course Overview

Take your skills beyond the Project and Portfolio Management (PPM) Essentials course by learning how to configure advanced process logic and automation in your PPM implementation. Through discussions and hands-on exercises, you learn to modularize processes into sub workflows, use condition checks to direct parallel workflow branches, automate system executions and database updates, and build custom portlets and reports. The class consists of approximately 50% lecture and 50% hands-on lab exercises. The hands-on lab exercises use version 10.01 of the software.

This course is designed for users who have taken HPE PPM120 – PPM Center 10.x Essentials and are ready to move to advanced topics.

Who should attend

Experienced PPM users who configure the PPM Center software

Prerequisites

To be successful in this course, you should have the following prerequisites or knowledge.

- Experience with the Windows operating systems
- Knowledge of relational databases and database terminology
- Attend PPM120 – PPM Center Essentials training

Course Objectives

Upon successful completion of this course, you should be able to:

- Apply condition steps to direct parallel processes within a workflow
- Configure token and Structured Query Language (SQL) execution steps to define data-dependent routing rules
- Configure workflow step commands and Procedural Language (PL) execution steps to automate system executions at the workflow step level
- Build sub workflows and call them from within a parent workflow
- Execute special commands to update parameter fields, run shell scripts, and other system operations
- Customize Project and Portfolio Management (PPM) Center entities by configuring custom user data fields
- Design and configure custom portlets
- Set up and update the Rules Markup Language (RML) schema
- Execute a third-party reporting application to retrieve data from the RML schema
- Configure report types to define custom report data and formats

Course Content

- Module 1: Course Overview
- Module 2: Using Condition Steps
- Module 3: Defining Data Dependent Routing Using Execution Steps
- Module 4: Storing and Retrieving Information Using Workflow Parameters
- Module 5: Automating Executions within Workflow Steps
- Module 6: Creating Subworkflows
- Module 7: Using Subworkflows
- Module 8: Using Advanced System Special Commands
- Module 9: Using Custom Special Commands
- Module 10: Configuring Custom Entity Fields
- Module 11: Configuring Context-Sensitive User Data
- Module 12: Configuring Portlet Data Sources
- Module 13: Configuring Portlet Definitions
- Module 14: Using the RML
- Module 15: Configuring Report Types

Detailed Course Outline

Module 1: Course Overview

- Review course objectives
- Review the class schedule
- Review class logistics and daily schedule
- Conduct introductions
- Review virtual classroom settings
- Review eBooks
- Review related courses and learning path
- Review certifications

Module 2: Using Condition Steps

- Identify process requirements where the AND, OR, SYNC, FIRST LINE, and LAST LINE conditions are the most appropriate conditions to use
- Apply the AND and OR condition steps to evaluate the results of parallel workflow steps
- Apply the SYNC, FIRST LINE, and LAST LINE condition steps to evaluate the status of multiple package lines

Module 3: Defining Data Dependent Routing Using Execution Steps

- Identify process requirements where token executions are appropriate to use
- Configure token execution steps to route a workflow process based on information available from packages, requests, and workflows
- Identify process requirements where automated workflow routing rules can be derived from information in a database
- Configure workflow steps to automatically look up information using Structured Query Language (SQL) query statements

Module 4: Storing and Retrieving Information Using Workflow Parameters

- Identify process requirements where workflow parameters are appropriate to use
- Execute a workflow parameter to capture the results of a workflow step

Module 5: Automating Executions within Workflow Steps

- Configure execution steps to call Procedural Language/Structured Query Language (PL/SQL) functions for modifying database tables
- Configure execution steps to run Project and Portfolio Management (PPM) special commands and command-line executions

Module 6: Creating Subworkflows

- Configure a new subworkflow
- Create a validation to define the results of a subworkflow
- Execute the Return from Subworkflow step to route a process from a subworkflow back to its parent workflow

Module 7: Using Subworkflows

- Call a subworkflow from another workflow
- Identify how user permissions should be set in subworkflows
- Define transitions to send process results to and from a subworkflow
- Track subworkflow activities in requests and package lines

Module 8: Using Advanced System Special Commands

- Create temporary variables
- Set the value of entity fields
- Execute interactive UNIX commands
- Invoke the command line on the Project and Portfolio Management (PPM) Center application server
- Encode and execute shell scripts
- Copy shell scripts between environments
- Edit the contents of files
- Add comments to the execution log

Module 9: Using Custom Special Commands

- Identify the requirements for creating custom special commands
- Configure custom special commands
- Define the parameter fields of custom special commands
- Build the command steps contained within a custom special command
- Call a custom special command from another entity

Module 10: Configuring Custom Entity Fields

- Identify requirements where user data fields can be used
- Configure user data fields to capture custom data
- Execute tokens to reference user data fields

Module 11: Configuring Context-Sensitive User Data

- Identify requirements where context-sensitive user data can be used
- Configure context-sensitive user data
-

Module 12: Configuring Portlet Data Sources

- Identify the requirements for a custom portlet, given a

business scenario
- Configure a portlet data source to retrieve data from the database
- Define filter fields that allow end users to refine the result of a portlet query

Module 13: Configuring Portlet Definitions

- Identify the requirements for building custom portlet definitions
- Reference data sources and columns in a portlet definition
- Format a portlet definition that best displays the type of data that its data source provides
- Define portlet hyperlinks and drill-downs
- Organize preference filters that end users can use to personalize their portlets

Module 14: Using the RML

- Set up and update the Reporting Meta Layer (RML) schema
- Access data from the RML schema by using third-party applications

Module 15: Configuring Report Types

- Evaluate the options for creating custom reports in Project and Portfolio Management (PPM) Center
- Configure custom report types

About Fast Lane

Fast Lane

Fast Lane is a global, award-winning specialist in technology and business training as well as consulting services for digital transformation. As the only global partner of the three cloud hyperscalers- Microsoft, AWS and Google- and partner of 30 other leading IT vendors, Fast Lane offers qualification solutions and professional services that can be scaled as needed. More than 4,000 experienced Fast Lane professionals train and advise customers in organizations of all sizes in 90 countries worldwide in the areas of cloud, artificial intelligence, cyber security, software development, wireless and mobility, modern workplace, as well as management and leadership skills, IT and project management.

Fast Lane Services

✓ High End Technology Training
✓ Business & Soft Skill Training
✓ Consulting Services
✓ Managed Training Services
✓ Digital Learning Solutions
✓ Content Development
✓ Remote Labs
✓ Talent Programs
✓ Event Management Services

Training Methods

✓ Classroom Training
✓ Instructor-Led Online Training
✓ FLEX Classroom – Classroom & Online Hybrid
✓ Onsite & Customized Training
✓ E-Learning
✓ Blended & Hybrid Learning
✓ Mobile Learning

Technologies & Solutions

✓ Digital Transformation
✓ Artificial Intelligence
✓ Cloud
✓ Networking
✓ Cyber Security
✓ Wireless & Mobility
✓ Modern Workplace
✓ Data Center

Worldwide Presence
with high-end training centers around the globe

Multiple Awards
from vendors such as AWS, Microsoft, Cisco, Google, NetApp, VMware

Experienced SMEs
with over 19.000 combined certifications

Germany
Fast Lane Institute for Knowledge Transfer GmbH
Tel. +49 40 25334610

info@flane.de / www.flane.de

Austria
ITLS GmbH
(Partner of Fast Lane)
Tel. +43 1 6000 8800

info@itls.at / www.itls.at

Switzerland
Fast Lane Institute for Knowledge Transfer (Switzerland) AG
Tel. +41 44 8325080

info@flane.ch / www.flane.ch