
Enterprise Link User Training

Technical Data

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Course Overview

Gain hands on experience integrating a process control system with enterprise business planning systems. Using the new Enterprise Link Product, participants will learn how to graphically map data from an example enterprise system to an example control system.

As an example of an enterprise planning system, the course will use the PP-PI (Production Planning Process Industries) module of SAP's R/3 product. Specific issues relating to how such a system is configured to allow for effective communication with an automated control system is covered. Detailed training of the SAP PP-PI module is however beyond the scope of this course.

Course Features

- Manage sets of mappings
- Define events or conditions which trigger data transfers
- Trace or diagnose these transfers and how to protect against lost data during transfers

Specifications

Course Length

2 days

Audience

System operators and integrators who will be using RTAP, SAP's R/3, and Enterprise Link in a production environment.

Prerequisites

Familiarity with Enterprise Link, including Enterprise Link data-sheet, basic knowledge of SAP's PP-PI module and general knowledge of supervisory control systems would be useful.

Delivery Method

Classroom, Dedicated

Format

Course content is 50% lecture and 50% hands-on labs.

Classroom Training Benefits

Experienced HP Instructors

Learn from an experienced HP instructor who is an expert in using and applying instrument systems to meet your measurement needs.

Comprehensive Student Materials

Copies of course materials are provided for future reference on the job.

Available at HP Classrooms or Your Site

Take advantage of HP's learning facilities, equipment, and interactive learning environment by attending class at an HP facility. Or, save travel expenses and time by organizing a dedicated class at your location.

Regularly Scheduled Classes

Plan training months in advance.

Enterprise Link User Training (E2700A+24C)

Course Agenda

Module 1 - Introduction

- Welcome to the EL Training Course
- What We Will and Will Not Cover
- Lab:
 - Baking Cookies with Manual Data Input

Module 2 - Overview and Core Configuration

- Enterprise Link Components
- Enterprise Link Documentation
- Enterprise Link Installation Directories
- Defining Data Transfer
- Methods
- Objects
- The Enterprise Link Configurator (elconfig)
- Lab:
 - Mapping Data with elconfig

Module 3 - Enterprise Link SAP-RTAP/Plus Configuration

- SAP-EL RTAP/Plus Data Flow Overview
- The SAP PP-PI API
- SAP-EL Data Flow Detail
- The SAP PP-PI Logical Name Space
- Lab:
 - Using the SAP Logical Name Space
- The RTAP/Plus Database API
- EL-RTAP/Plus Data Flow Detail
- RTAP/Plus Logical Name Space
- Lab:
 - Using the RTAP/Plus Logical Name Space
- SAP Trigger Criteria
- RTAP/Plus Trigger Criteria

- Time-Based Trigger Criteria
- Lab:
 - Automating Data Transfer Between SAP and RTAP/Plus

Module 4 - Advanced Configuration

- Enterprise Link Detailed Overview
- SAP R/3 Configuration
- SAP R/3 Access
- Modifying the SAP PP-PI Logical Name Space
- Message Subscriptions
- Subscription Cache
- Incoming Spooler
- Outgoing Spooler

Module 5 - Extending Enterprise Link

- 3 Kinds of Extension
- Integrating New SAP Modules
- Enterprise Link Implementation
- Installed Executables
- Enterprise Link Extension Mechanisms
- Integrating Different Versions of Enterprise Link
- Developing New Comm Objects

Ordering Information

To order the Enterprise Link User Training (E2700A+24C) course in the U.S., call 1-800-HPCLASS (800-472-5277). HP's Customer Registration Center can provide you with price, scheduling, and enrollment information, as well as provide information about dedicated delivery (E2700A+24Y).

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