PLM305: Managing Technical Objects

COURSE OUTLINE

Course Version: 15
Course Duration: 3 Day(s)

SAP Copyrights and Trademarks

© 2015 SAP SE. All rights reserved.

No part of this publication may be reproduced or transmitted in any form or for any purpose without the express permission of SAP SE. The information contained herein may be changed without prior notice.

Some software products marketed by SAP SE and its distributors contain proprietary software components of other software vendors.

- Microsoft, Windows, Excel, Outlook, and PowerPoint are registered trademarks of Microsoft Corporation.
- IBM, DB2, DB2 Universal Database, System i, System i5, System p, System p5, System x, System z, System z10, System z9, z10, z9, iSeries, pSeries, xSeries, zSeries, eServer, z/VM, z/OS, i5/OS, S/390, OS/390, OS/400, AS/400, S/390 Parallel Enterprise Server, PowerVM, Power Architecture, POWER6+, POWER6, POWER5+, POWER5, POWER, OpenPower, PowerPC, BatchPipes, BladeCenter, System Storage, GPFS, HACMP, RETAIN, DB2 Connect, RACF, Redbooks, OS/2, Parallel Sysplex, MVS/ESA, AIX, Intelligent Miner, WebSphere, Netfinity, Tivoli and Informix are trademarks or registered trademarks of IBM Corporation.
- Linux is the registered trademark of Linus Torvalds in the U.S. and other countries.
- Adobe, the Adobe logo, Acrobat, PostScript, and Reader are either trademarks or registered trademarks of Adobe Systems Incorporated in the United States and/or other countries.
- Oracle is a registered trademark of Oracle Corporation
- UNIX, X/Open, OSF/1, and Motif are registered trademarks of the Open Group.
- Citrix, ICA, Program Neighborhood, MetaFrame, WinFrame, VideoFrame, and MultiWin are trademarks or registered trademarks of Citrix Systems, Inc.
- HTML, XML, XHTML and W3C are trademarks or registered trademarks of W3C®, World Wide Web Consortium, Massachusetts Institute of Technology.
- Java is a registered trademark of Sun Microsystems, Inc.
- JavaScript is a registered trademark of Sun Microsystems, Inc., used under license for technology invented and implemented by Netscape.
- SAP, R/3, SAP NetWeaver, Duet, PartnerEdge, ByDesign, SAP BusinessObjects Explorer, StreamWork, and other SAP products and services mentioned herein as well as their respective logos are trademarks or registered trademarks of SAP SE in Germany and other countries.
- Business Objects and the Business Objects logo, BusinessObjects, Crystal Reports, Crystal Decisions, Web Intelligence, Xcelsius, and other Business Objects products and services mentioned herein as well as their respective logos are trademarks or registered trademarks of Business Objects Software Ltd. Business Objects is an SAP company.
- Sybase and Adaptive Server, iAnywhere, Sybase 365, SQL Anywhere, and other Sybase products and services mentioned herein as well as their respective logos are trademarks or registered trademarks of Sybase, Inc. Sybase is an SAP company.

All other product and service names mentioned are the trademarks of their respective companies. Data contained in this document serves informational purposes only. National product specifications may vary.

These materials are subject to change without notice. These materials are provided by SAP SE and its affiliated companies ("SAP Group") for informational purposes only, without representation or warranty of any kind, and SAP Group shall not be liable for errors or omissions with respect to the materials. The only warranties for SAP Group products and services are those that are set forth in the express warranty statements accompanying such products and services, if any. Nothing herein should be construed as constituting an additional warranty.

© Copyright. All rights reserved.

© Copyright. All rights reserved.

Typographic Conventions

American English is the standard used in this handbook.

The following typographic conventions are also used.

This information is displayed in the instructor's presentation	
Demonstration	
Procedure	
Warning or Caution	
Hint	
Related or Additional Information	
Facilitated Discussion	
User interface control	*Example text*
Window title	*Example text*

© Copyright. All rights reserved.

© Copyright. All rights reserved.

Contents

ix	Course Overview	
1	Unit 1:	Functional Locations
1		Lesson: Structuring Functional Locations
1		Lesson: Creating Functional Locations
1		Lesson: Transferring Data
1		Lesson: Describing Additional Functions and Enhancements for Functional Locations
1		Lesson: Defining Alternative Labeling
2		Lesson: Summarizing Customizing Settings for Functional Locations
3	Unit 2:	Linear Asset Management
3		Lesson: Structuring Linear Assets
3		Lesson: Structuring Object Networks
3		Lesson: Summarizing Customizing Settings for Linear Assets
5	Unit 3:	Equipment
5		Lesson: Structuring Equipment
5		Lesson: Defining Equipment Categories
5		Lesson: Applying Status Management
5		Lesson: Assigning Partners and Addresses
5		Lesson: Defining and Configuring Warranties
6		Lesson: Integrating Asset Accounting into SAP Enterprise Asset Management
6		Lesson: Performing a Configuration Check
6		Lesson: Modifying SAP Standard by Using BAPIs, Customer Exits, and Business Add-Ins (BAdIs)
6		Lesson: Classifying Equipment
6		Lesson: Summarizing Customizing Settings for Equipment
7	Unit 4:	Bills of Material (BOM)
7		Lesson: Structuring Bills of Material (BOM)
7		Lesson: Summarizing Customizing Settings for BOM
9	Unit 5:	Serial Numbers
9		Lesson: Structuring Serial Numbers
9		Lesson: Performing a Stock Check for Serial Numbers
9		Lesson: Summarizing Customizing Settings for Serial Numbers

© Copyright. All rights reserved.

11	**Unit 6:**	**Measuring Points and Counters**
11		Lesson: Structuring Measuring Points and Counters
11		Lesson: Executing Measurement Reading Transfers and Counter Replacements
11		Lesson: Summarizing Customizing Settings for Measuring Points and Counters
13	**Unit 7:**	**Vehicles and Pool Asset Management**
13		Lesson: Managing Vehicles and Pool Assets
13		Lesson: Summarizing Customizing Settings for Pool Asset Management

© Copyright. All rights reserved.

Course Overview

TARGET AUDIENCE

This course is intended for the following audiences:

- Application Consultant
- Super / Key / Power User
- Project Manager

© Copyright. All rights reserved.

© Copyright. All rights reserved.

UNIT 1 Functional Locations

Lesson 1: Structuring Functional Locations

Lesson Objectives

After completing this lesson, you will be able to:

- Structure functional locations

Lesson 2: Creating Functional Locations

Lesson Objectives

After completing this lesson, you will be able to:

- Create functional locations

Lesson 3: Transferring Data

Lesson Objectives

After completing this lesson, you will be able to:

- Transfer data within technical object structures

Lesson 4: Describing Additional Functions and Enhancements for Functional Locations

Lesson Objectives

After completing this lesson, you will be able to:

- Describe additional functions for functional locations
- Describe enhancements for functional locations

Lesson 5: Defining Alternative Labeling

Lesson Objectives

After completing this lesson, you will be able to:

- Define alternative labeling

© Copyright. All rights reserved.

Lesson 6: Summarizing Customizing Settings for Functional Locations

Lesson Objectives

After completing this lesson, you will be able to:

- Summarize Customizing settings for functional locations

© Copyright. All rights reserved.

UNIT 2 Linear Asset Management

Lesson 1: Structuring Linear Assets

Lesson Objectives

After completing this lesson, you will be able to:

- Structure linear assets

Lesson 2: Structuring Object Networks

Lesson Objectives

After completing this lesson, you will be able to:

- Structure object networks

Lesson 3: Summarizing Customizing Settings for Linear Assets

Lesson Objectives

After completing this lesson, you will be able to:

- Summarize Customizing settings for linear assets

© Copyright. All rights reserved.

© Copyright. All rights reserved.

UNIT 3 Equipment

Lesson 1: Structuring Equipment

Lesson Objectives

After completing this lesson, you will be able to:

- Structure equipment

Lesson 2: Defining Equipment Categories

Lesson Objectives

After completing this lesson, you will be able to:

- Define equipment categories

Lesson 3: Applying Status Management

Lesson Objectives

After completing this lesson, you will be able to:

- Apply status management

Lesson 4: Assigning Partners and Addresses

Lesson Objectives

After completing this lesson, you will be able to:

- Assign partners and addresses

Lesson 5: Defining and Configuring Warranties

Lesson Objectives

After completing this lesson, you will be able to:

- Define warranties
- Configure warranties

© Copyright. All rights reserved.

Lesson 6: Integrating Asset Accounting into SAP Enterprise Asset Management

Lesson Objectives

After completing this lesson, you will be able to:

- Integrate asset accounting into SAP Enterprise Asset Management

Lesson 7: Performing a Configuration Check

Lesson Objectives

After completing this lesson, you will be able to:

- Perform a configuration check

Lesson 8: Modifying SAP Standard by Using BAPIs, Customer Exits, and Business Add-Ins (BAdIs)

Lesson Objectives

After completing this lesson, you will be able to:

- Explain the concepts of BAPIs, customer exits, and BAdIs

Lesson 9: Classifying Equipment

Lesson Objectives

After completing this lesson, you will be able to:

- Classify equipment

Lesson 10: Summarizing Customizing Settings for Equipment

Lesson Objectives

After completing this lesson, you will be able to:

- Summarize Customizing settings for equipment

© Copyright. All rights reserved.

UNIT 4 Bills of Material (BOM)

Lesson 1: Structuring Bills of Material (BOM)

Lesson Objectives

After completing this lesson, you will be able to:

- Structure BOM

Lesson 2: Summarizing Customizing Settings for BOM

Lesson Objectives

After completing this lesson, you will be able to:

- Summarize Customizing settings for BOM

© Copyright. All rights reserved.

© Copyright. All rights reserved.

UNIT 5 Serial Numbers

Lesson 1: Structuring Serial Numbers

Lesson Objectives

After completing this lesson, you will be able to:

- Structure serial numbers

Lesson 2: Performing a Stock Check for Serial Numbers

Lesson Objectives

After completing this lesson, you will be able to:

- Perform a stock check for serial numbers

Lesson 3: Summarizing Customizing Settings for Serial Numbers

Lesson Objectives

After completing this lesson, you will be able to:

- Summarize Customizing settings for serial numbers

© Copyright. All rights reserved.

© Copyright. All rights reserved.

UNIT 6 Measuring Points and Counters

Lesson 1: Structuring Measuring Points and Counters

Lesson Objectives

After completing this lesson, you will be able to:

- Structure measuring points and counters

Lesson 2: Executing Measurement Reading Transfers and Counter Replacements

Lesson Objectives

After completing this lesson, you will be able to:

- Activate and perform a measurement reading transfer
- Replace a counter

Lesson 3: Summarizing Customizing Settings for Measuring Points and Counters

Lesson Objectives

After completing this lesson, you will be able to:

- Summarize Customizing settings for measuring points and counters

© Copyright. All rights reserved.

© Copyright. All rights reserved.

UNIT 7 Vehicles and Pool Asset Management

Lesson 1: Managing Vehicles and Pool Assets

Lesson Objectives

After completing this lesson, you will be able to:

- Manage vehicles
- Perform the steps of Pool Asset Management

Lesson 2: Summarizing Customizing Settings for Pool Asset Management

Lesson Objectives

After completing this lesson, you will be able to:

- Summarize Customizing settings for pool asset management

© Copyright. All rights reserved.