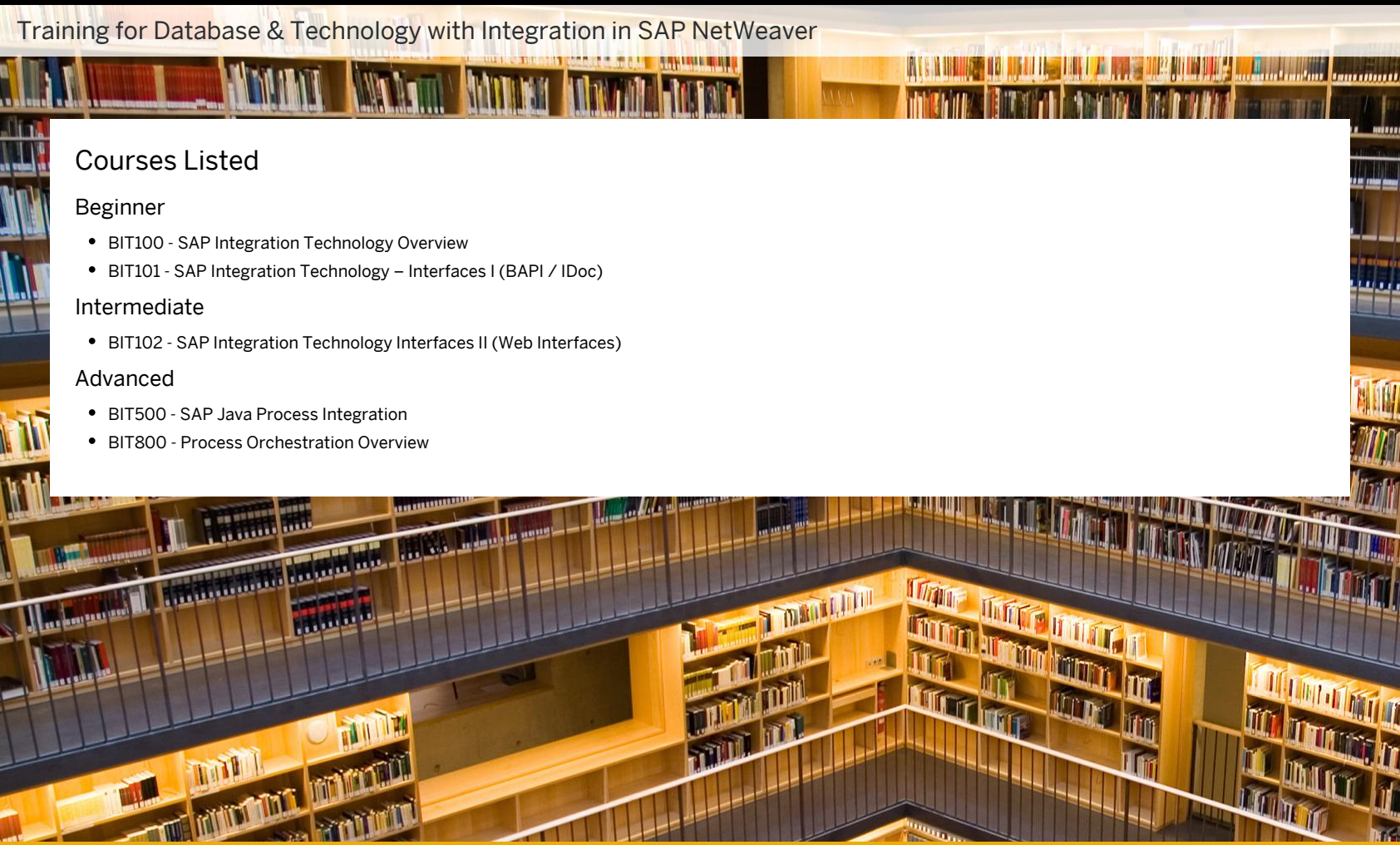
COURSE LISTING

Training for Database & Technology with Integration in SAP NetWeaver



Courses Listed

Beginner

- BIT100 - SAP Integration Technology Overview
- BIT101 - SAP Integration Technology – Interfaces I (BAPI / IDoc)

Intermediate

- BIT102 - SAP Integration Technology Interfaces II (Web Interfaces)

Advanced

- BIT500 - SAP Java Process Integration
- BIT800 - Process Orchestration Overview

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All available schedules in your selection

BIT101 SAP Integration Technology – Interfaces I (BAPI / IDoc)

There are currently no events available for this course. Please feel free to register interest for this course on SAP Training. We will then notify you when a course has been scheduled.

BIT102 SAP Integration Technology Interfaces II (Web Interfaces)

There are currently no events available for this course. Please feel free to register interest for this course on SAP Training. We will then notify you when a course has been scheduled.

BIT100 SAP Integration Technology Overview

There are currently no events available for this course. Please feel free to register interest for this course on SAP Training. We will then notify you when a course has been scheduled.

BIT800 Process Orchestration Overview

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BIT500 SAP Java Process Integration

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BIT101 - SAP Integration Technology – Interfaces I (BAPI / IDoc)

Course announcements

- This course is designed to give participants an overview of the RFC and IDoc Adapter of SAP on-premises integration solution. The main scope is SAP NetWeaver process integration / SAP Process Orchestration 7.5. The participants will gain knowledge about the creation and usage of both adapters.

Goals

- This course will prepare you to:
- Create and use an RFC Adapter as Receiver and Sender
- Create and use an IDoc Receiver Adapter

Audience

- Application Consultant
- Business Process Architect
- Developer
- Development Consultant
- Industry Specialist
- Program/Project Manager
- Solution Architect
- System Administrator
- Technology Consultant

Essential

- SAPTEC Fundamentals of SAP Web AS
- BIT100 SAP Integration Technology – On Prem Integration Architecture Overview

Course based on software release

- SAP NetWeaver Process Integration 7.5

Content

- Integration Technology, Based on BAPIs and IDocs, Basics
- Explaining the Integration Technology Based on BAPIs and IDocs, Basics
- Intermediate Document (IDoc) Connectivity
- Using the IDoc Adapter in the Advanced Adapter Engine (AAE)
- Using the Functionality Options on Different tabs
- Configuring the Receiver IDoc_AAE Adapter
- Configuration of SAP Business Application Programming Interfaces (BAPIs) Connectivity
- Explaining the Receiver Remote Function Call (RFC) Adapter
- Configuring the Receiver Remote Function Call (RFC) Adapter
- Configuring the Sender Remote Function Call (RFC) Scenario
- Executing Communication Through the Sender RFC Adapter
- Integration Technology, Based on BAPIs and IDocs, Basics
- Explaining the Integration Technology Based on BAPIs and IDocs, Basics
- Intermediate Document (IDoc) Connectivity
- Using the IDoc Adapter in the Advanced Adapter Engine (AAE)
- Using the Functionality Options on Different tabs
- Configuring the Receiver IDoc_AAE Adapter
- Configuration of SAP Business Application Programming Interfaces (BAPIs) Connectivity
- Explaining the Receiver Remote Function Call (RFC) Adapter
- Configuring the Receiver Remote Function Call (RFC) Adapter
- Configuring the Sender Remote Function Call (RFC) Scenario
- Executing Communication Through the Sender RFC Adapter

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Notes

- This is an overview course, which gives basic information about the classic adapters RFC and IDoc.
- Extend your knowledge:
- BIT500 – SAP Java Process Integration
- BIT102 – SAP Integration Technology Interfaces II (Web Interfaces)

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BIT102 - SAP Integration Technology Interfaces II (Web Interfaces)

Course announcements

- This course is designed to give participants an overview of how to implement web services in ABAP technically and how to use it in corporate communication. The main scope is various possibilities to create web services.

Goals

- This course will prepare you to:
- Create and use ABAP based web services for synchronous and asynchronous communication.
- Monitor synchronous and asynchronous communication
- Create and use web services based on REST and OData
- Use the SAP Business Accelerator Hub

Audience

- Application Consultant
- Developer
- Development Consultant
- Program/Project Manager
- System Administrator
- Technology Consultant

Essential

- SAPTEC

Course based on software release

- SAP NetWeaver PI 7.5
- SAP ERP 6.0 EHP8

Content

- Creating and using web services based on existing function modules (inside-out)
- Creating and using web services based on externally created Interfaces (ESR) (outside-in)
- Synchronous and asynchronous communication when operating web services
- Asynchronous communication using WS-reliable messaging (reliable delivery)
- Configuring web services using SOA manager
- Testing web services with WS-navigator
- Monitoring of synchronous and asynchronous communication
- Creating and Using Web Services based on REST and OData
- Use the SAP Business Accelerator Hub to test an ODATA API

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BIT100 - SAP Integration Technology Overview

Course announcements

- This course is designed to give participants an overview of the architecture and the solution of SAP On-Premise Integration Solution. The main scope is SAP NetWeaver Process Integration / SAP Process Orchestration 7.5. Participants will gain knowledge about the different SAP integration technology components.

Goals

- This course will prepare you to:
- Explain scenarios and processes in SAP Process Orchestration.
- Understand the usage of the different development tools and how these tools interact.
- Model easy integration scenarios.

Audience

- Application Consultant
- Business Process Architect
- Business Process Owner / Team Lead / Power User
- Developer
- Development Consultant
- Enterprise Architect
- Executive
- Industry Specialist
- Program/Project Manager
- Solution Architect
- System Administrator
- System Architect
- Technology Consultant
- Trainer
- User

Essential

- SAPTEC

Course based on software release

- SAP Process Orchestration 7.50 SP25

Content

- SAP Process Orchestration
- Explaining SAP Process Integration
- Explaining SAP Process Orchestration
- Explaining SAP Process Orchestration Architecture
- Explaining SAP PO Development Tools
- SAP Process Integration Design Time
- Explaining the System Landscape Directory (SLD)
- Explaining Design Objects
- Mapping Objects in ESR
- SAP Process Integration Runtime
- Using HTTP_AAE Adapter as Sender
- Using the File Adapter as Receiver
- Creating and Deploying iFlows to the AEX
- Monitoring Messages in PiMon

Notes

- This is an overview course, which gives basic information about the most relevant integration technologies.

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BIT800 - Process Orchestration Overview

Course announcements

- In this course, the participants will gain profound knowledge in configuring business processes with Process Orchestration. Besides theoretical lessons, the participants will configure several business processes in various exercises.

Goals

- This course will prepare you to:
- Configure various process orchestrated business scenarios
- Use the required tools

Audience

- Application Consultant
- Business Process Architect
- Business Process Owner/Team Lead/ Power User
- Developer
- Development Consultant
- Enterprise Architect
- Solution Architect
- System Architect
- Technology Consultant

Essential

- BIT500

Course based on software release

- SAP Process Orchestration 7.50

Content

- Introduction to Process Orchestration
- Business Process Overview and Development Steps
- A Business Process Management Process
- Connectivity with the Advanced Adapter Engine Extended (AEX)
- Data Flows
- Other Objects
- Deployment and Testing of a Process
- Process Tasks and Monitors
- The Complete Integration Process
- Business Rules Management (BRM)

Notes

- This course is not an introductory course. It requires knowledge, delivered in the courses BIT500 - SAP Java Process Integration.

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BIT500 - SAP Java Process Integration

Course announcements

- In this course, the participants will gain profound knowledge in configuring business processes with Process Orchestration. Besides theoretical lessons, the participants will configure several business processes in various exercises.

Goals

- This course will prepare you to:
- Explain the use of SAP Process Integration and the path to SAP Process Orchestration (AEX, BPM and BRM)
- Explain SAP Process Integration architecture
- Configure JAVA scenarios
- Explain Mapping concepts
- Configure different options to connect a back-end system to the SAP Process Integration JAVA.

Audience

- Application Consultant
- Developer
- Development Consultant
- Enterprise Architect
- Project Manager
- Solution Architect
- Super/Key/Power User
- System Administrator
- System Architect
- Technology Consultant

- Application Consultant
- Developer
- Development Consultant
- Enterprise Architect
- Project Manager
- Solution Architect
- Super/Key/Power User
- System Administrator
- System Architect
- Technology Consultant

Essential

- BIT100 SAP NetWeaver Integration Technology Overview

Course based on software release

- SAP Process Orchestration 7.50 SP25

Content

- SAP Process Integration Architecture
- The System Landscape Directory (SLD)
- Interface Objects in the Enterprise Service Repository (ESR)
- Object Mapping in the Enterprise Service Repository (ESR)
- Configuration of Integration Directory (ID) Objects
- SAP Process Integration Operations
- Connectivity Options for SAP Process Integration
- HTTP Connectivity Options
- File Adapter Configuration

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- SAP Process Integration Test Tool
- Execution of Cloud Integration Content with SAP PI
- Other Connectivity Options
- Advanced Mapping Concepts

Notes

- This course is not an introductory course. It requires knowledge, delivered in the course BIT100.
- It additionally provides information about the HTTP adapter, File adapter, SOAP and REST-Adapter, because these integration techniques are commonly used.

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