

PDF-Based Print Forms with SAP S/4HANA

Course code: S4D480

This course explains how to create PDF-Based Print Forms with SAP S/4HANA. These are the possible ways of using those forms: The classical approach (valid for SAP S/4HANA On-Premise and for SAP ERP): In this classical approach "Adobe LiveCycle Designer for SAP" is being included in SAP GUI. To pass the actual data to the Print Form at runtime an own data retrieval program is needed. With this approach it is possible to create own print scenarios from scratch. Apart from this, there is the new, cloud-ready approach that works as well with On-Premise installations: This new approach uses "Adobe LiveCycle Designer for SAP" as a standalone client to develop Form Templates. These templates need to be uploaded to the backend system afterwards. The data retrieval is done via a Gateway Service. Normally it is not intended to create own output scenarios from scratch but rather to adopt existing SAP scenarios. This includes the adoption and extension of the form layout and the gateway service. That an output is created at runtime depends on customizing settings. Besides, this new approach allows for the distinction of Master Form Templates (like a frame of a picture with logo, sender address, receiver address) and Content Form Templates (like the actual picture with the transactional data) that makes it possible to reuse Master Form Templates for several Content Form Templates. As this customizing is very application specific it cannot be explained completely. Instead an existing example will be explained. It is important to understand that only predefined SAP scenarios can be used for this new approach and that it is not possible to create a scenario from scratch. Course based on software release: AS ABAP 7.55, SAP S/4HANA 2020.

Who is the course for

- Developer
- Development Consultant
- Technology Consultant

What we teach you

This course will prepare you to:

- Understand SAP's Output Management Strategy
- Create print forms with the tool 'SAP Interactive Forms by Adobe'
- Integrate forms into ABAP application programs

Required skills

Essential

- BC400 OR S4D400

Recommended

- Knowledge of SAPscript and/or Smart Forms

Course outline

- SAP's Output Management Strategy
- Developing Form Templates for SAP ERP and onwards
- New, cloud-ready ways to develop Form Templates for S/4HANA
- The Architecture of PDF-Based Print Forms
- Outlining the Architecture of PDF-Based Print Forms
- Form Interface
- Creating the Form Interface
- Form Context
- Defining the Form and Integrating Basic Elements into the Context
- Integrating Folders and Graphics into the Context
- Integrating Addresses and Texts into the Context
- Structure and Usage of Adobe LiveCycle Designer
- Creating a Basic Layout using Adobe LiveCycle Designer
- Structuring a Form

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- Form Layout
- Inserting Static Elements into a Form
- Creating Dynamic Form Elements
- Deploying Tables into a Form
- Scripting in Forms
- Implementing Scripting for Form Elements
- Integration of Forms into ABAP Programs (Classical approach)
- Integrating Forms into ABAP Programs
- Master Form Templates / Content (Application) Form Templates (New approach)
- Adobe LiveCycle Designer without SAP GUI (standalone Client)
- Customizing of Output Management (Overview) for new approach
- Customizing of Output Management
- Example for Output Management Customizing (only with demo system, no exercises)

What you need to know

- The tool as such is officially called "SAP Interactive Forms by Adobe" even when used in pure printing scenarios. Course S4D480 covers only such printing scenarios. It does not deal with interactive scenarios or with the integration into web applications.
- This class covers basic knowledge on printing scenarios and does not handle application-details or customizing-details.

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