

## SAP Cloud Applications Studio

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### Course Summary

#### Objectives

At the end of this course, students will be able to:

- Generate new business objects.
- Create user interfaces for new business objects.
- Build fine-tuning activities related to the new business objects.
- Create extension fields on existing business objects.
- Adapt existing user interface to include extension fields.
- Integrate data via a web service and XML.
- Debug elements of your custom solution.
- Build a data source for a new business object and enhance a standard data source.
- Establish approval task(s) and enable notification rule(s) based on a new business object.
- Develop mashups.
- Create Reuse libraries.
- Create Process extension scenarios.
- Publish a new add-on in scoping.
- Manage the lifecycle of your add-on solution.

#### Topics

- SAP Cloud Applications Studio: An Overview
- Introduction to Scripting Languages
- Introduction to UI Designer
- Extensibility
- UI Designer – Embedded Component
- Business Configuration
- Service Integration
- Debugging
- Analytics
- Notifications
- Mass Data Run
- Approval Process
- Translation
- Mashups
- Lifecycle Management
- Wrap Up

#### Audience

Those who can benefit from this SAP Cloud Applications Studio course include:

- Developer
- Development Consultant

#### Prerequisites

Essential:

- Development experience

Recommended:

- Development experience with .NET or a similar language
- Basic knowledge of SAP Cloud for Customer

#### Duration

Four days

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### Course Outline

- I. *SAP Cloud Applications Studio: An Overview*
  - A. Describing SAP Cloud Applications Studio
  - B. Explaining the System Environment
  - C. Explaining the System Architecture
  - D. Getting Started with SAP Cloud Applications Studio
- II. *Introduction to Scripting Languages*
  - A. Introduction to Scripting Language for Business Object Definitions
  - B. Introduction to Scripting Language for Business Logic Implementations
- III. *Introduction to UI Designer*
  - Explaining UI Designer
- IV. *Extensibility*
  - Creating Extension Fields
- V. *UI Designer – Embedded Component*
  - Creating Embedded Component
- VI. *Business Configuration*
  - A. Explaining Business Configuration Basics and Architecture
  - B. Creating a Business Configuration Set and View
- VII. *Service Integration*
  - A. Creating Service Integration
  - B. Configuring Data Workbench
  - C. Describing Web Service – Provisioning
  - D. Describing Web Service - Consumption
- VIII. *Debugging*
  - Debugging
- IX. *Analytics*
  - Describing a Data Source
- X. *Notifications*
  - Enabling Notification Rules
- XI. *Mass Data Run*
  - Creating a Mass Data Run
- XII. *Approval Process*
  - Describing the Approval Process
- XIII. *Translation*
  - A. Translate and Adapt User Interface Texts
  - B. Translating a Business Object
- XIV. *Mashups*
  - Describing Mashups
- XV. *Lifecycle Management*
  - Describing Lifecycle Management
- XVI. *Wrap Up*
  - Wrapping Up the Course