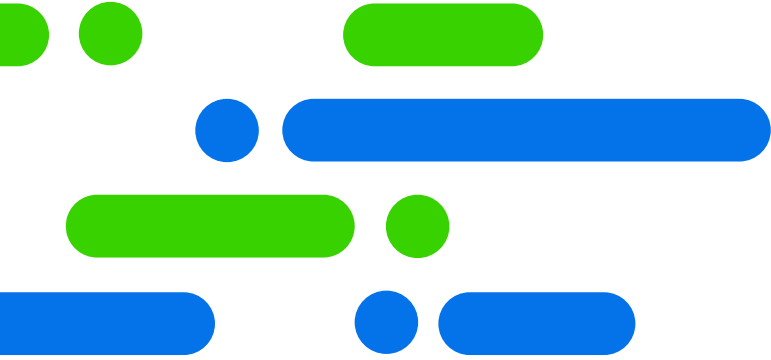




App SDK Training - Catalog



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1 Overview

If you have been working with Syndigo's PIM platform and are now looking to build custom applications on top of it, this is where your journey begins.

The App SDK (Software Development Kit) is a framework that lets you create and deploy your own applications within the Syndigo ecosystem. This Learning Journey takes you from zero knowledge of App SDK to confidently building, deploying, and managing apps on your own.

You will learn two types of applications — UI Apps (what users see and interact with) and Batch Apps (automated processes that run behind the scenes). You will also learn how to track app performance using Metrics, and how to move data in and out of the system using Import and Export.

Think of this journey as a step-by-step guide, not a deep technical dive. Each course builds on the previous one, so by the end, you will have a clear picture of how everything fits together.

2 Objectives

By the end of this journey, you will be able to understand the following:

- **Understand App SDK basics:** Get familiar with what App SDK is, why it exists, and how to set it up from scratch — including user, developer, and app onboarding and learn about control centre functions.
- **Build a UI App:** Learn how to build and launch a sample UI app — the kind users interact with directly in the browser.
- **Build a Batch App:** Learn how to configure and run a Batch App — an automated app that processes data in the background without user interaction.
- **Combine UI and Batch:** See how a UI App and a Batch App can work together as a single, integrated solution.
- **Track performance with Metrics:** Understand what Metrics are, why they matter, and how to use them to monitor your app's performance and manage usage.
- **Handle data with Import and Export:** Learn how to move data in and out of the system, including working with Azure Blob Storage.

3 Target Audience

This training is for anyone who works with Syndigo's platform and wants to start building apps using the SDK.

- Employees
- Partners
- Customers

4 Duration

- Self-paced learning: 9 hours of online courses to complete at your own pace
- Hands-on practice: 2 days of a dedicated practice tenant
- Total time commitment: approximately 4 working days

5 Pre-requisites

Before starting this journey, please make sure you have completed the following:

- You are a **Syndigo Certified Professional** who has successfully completed the **PIM 201 and PIM 301** Learning Journeys, demonstrating a comprehensive understanding of the Syndigo PIM platform and its advanced capabilities.
- You have completed the **App SDK Foundational Concepts (101)** self-enrolment course, providing the foundational knowledge required before progressing to the **App SDK Practitioner** Learning Journey.
- An active **App SDK contract and a Git license** are mandatory prerequisites for the **App SDK Practitioner Training (201)**. For contract and licensing details, please reach out to the **Syndigo Point of Contact (SPOC)**.

Note: The 101 Foundational course is available to everyone and can be enrolled in at any time. You must finish it before proceeding to the 201 Practitioner Journey.

6 Agenda

6.1 App SDK Foundational (101)

6.1.1 Course 1: App SDK: Foundational Concepts – 58 Minutes

- Explain the purpose and lifecycle of App SDK
- Differentiate UI and Batch facets
- Identify prerequisites and set up the local environment
- Describe the functions of the Control Centre
- Explain the App SDK folder structure
- App Onboarding process - User Onboarding; Dev Onboarding and App onboarding

6.2 App SDK Practitioner Journey (201)

6.2.1 Course 2: UI App Setup – 215 Minutes

- UI Folder Structure
- Environment Setup
- Key Commands
- Importing Elements to .js File
- Deploy the App
- Validate the App
- HTML Codes
- Best Practices

6.2.2 Course 3: Batch App Setup – 203 Minutes

- Overview of Batch App
- Key Features
- Folder Structure
- Triggers and Types of Triggers
- Job Definition & Triggers
- Event Data Handling
- Execute and validate a Batch App locally
- Build & Deploy Defining Tasks for Batch Job
- Event Monitoring
- Event Data and Entity Data
- Scheduler

6.2.3 Course 4: Combination of UI and Batch App – 12 Minutes

- Combination of UI and Batch App Overview
- Sample App Template
- UI and Batch Process Integration

6.2.4 Course 5: Metrics – 13 Minutes

- Metrics Concepts
- What & Why Metrics?
- Why Metrics were added to Batch Programs
- Metrics and Licence Usage Management
- Type of Metrics
- How are Metrics Defined? And
- Metrics Logic

6.2.5 Course 6: Import and Export – 11 Minutes

- Introduction to Import and Export
- Key Features
- Data Export Operations in Azure Blob Storage
- Data Import Operations in Azure Blob Storage

7 Practice Tenant

Once you enrol in the App SDK Practitioner Training, you will be given a practice tenant for 4 working days. Think of it as a sandbox: a safe space to try things out.

During your 4 days, focus on building the sample UI application covered in Course 2. This gives you structured hands-on practice with real tools in a real environment.

Please note:

You will be allotted with the practice tenant only if you have an active App SDK Subscription or a valid **Git license** (USD 500 per user, per annum).

The practice tenant is for the designated sample app only. Do not build or deploy other apps in this environment.

7.1 Support and Issue Resolution

Running into a problem with your tenant? Submit a request using the [Tenant Issues](#) form on the Syndigo service portal and the support team will assist you.

7.2 Important Notes

- Your tenant is a training environment only — never use it for live or production work
- Extensions to your tenant access period are not guaranteed and may involve additional costs

8 Certifications

Learners who complete the **App SDK Practitioner (201)** video-based training earns the **App SDK Intermediate (201) Course Completion Certificate**.

Learners who complete the hands-on activities on the allocated tenant and meeting the course requirements earns **App SDK Practitioner (201) Certificate and a Credly badge**.

***Please note:** You will be allotted with the practice tenant only if you have an active App SDK Subscription or a valid **Git license** (USD 500 per user, per annum).*

9 Contact Us

For any additional information on the available catalogs, please write to us at university@syndigo.com