Before start watching videos, you should prepare the [Postman environment](https://epam-my.sharepoint.com/:f:/r/personal/rene_von_borstel_epam_com/Documents/EPAM_R3_Developer_Training_Deliverables/OSDU%20Data%20Platform%20Postman?csf=1&web=1&e=uiixeV) if you are going to follow the narrator.

We recommend you watch the videos in the following order:

1. Intro
2. Authorization
3. Entitlements & Legal Services
4. Schema Service
5. Storage Service
6. File & Dataset Services
7. Search Service

**1. Intro**

A brief introduction to the OSDU Data Platform’s core services.

OSDU Data Platform’s Core Services Wiki: <https://community.opengroup.org/osdu/documentation/-/wikis/Core-Services-Overview>

**2. Authorization**

This video will introduce you to the authorization procedure in the OSDU Data Platform. You will learn how to get tokens and use them.

Web service to decode JSON Web Tokens: <https://jwt.io/>

**3. Entitlements & Legal Services**

From this video, you will become familiar the OSDU Data Platform’s services providing data security and compliance and learn to use groups and legal tags.

Entitlements Code repository: <https://community.opengroup.org/osdu/platform/security-and-compliance/entitlements>

Entitlements API: <https://community.opengroup.org/osdu/platform/security-and-compliance/entitlements/-/tree/master/docs/api>

Entitlements Documentation: <https://community.opengroup.org/osdu/platform/security-and-compliance/entitlements/-/tree/master/docs/tutorial>

Postman collection of Entitlement API: <https://community.opengroup.org/osdu/platform/testing/-/tree/master/Postman%20Collection/14_CICD_Setup_EntitlementAPI>

Legal Code repository: <https://community.opengroup.org/osdu/platform/security-and-compliance/legal>

Legal API: <https://community.opengroup.org/osdu/platform/security-and-compliance/legal/-/blob/master/docs/api/compliance_openapi.yaml>

Legal Documentation: <https://community.opengroup.org/osdu/platform/security-and-compliance/legal/-/blob/master/docs/tutorial/ComplianceService.md>

Legal Tag properties: <https://community.opengroup.org/osdu/platform/security-and-compliance/legal/-/blob/master/docs/tutorial/ComplianceService.md#legaltag-properties>

Postman collection of Legal API: <https://community.opengroup.org/osdu/platform/testing/-/tree/master/Postman%20Collection/11_CICD_Setup_LegalAPI>

Policy Service repository: <https://community.opengroup.org/osdu/platform/security-and-compliance/policy>

**4. Schema Service**

This video will teach you basic concepts of OSDU Data Platform’s schemas and demonstrate the schema life cycle.

Schema Code repository: <https://community.opengroup.org/osdu/platform/system/schema-service>

Schema API: <https://community.opengroup.org/osdu/platform/system/schema-service/-/blob/master/docs/api/schema.yaml>

Schema Documentation: <https://community.opengroup.org/osdu/platform/system/schema-service/-/blob/master/docs/SchemaService-OSDU.md>

Schema Definition repository: <https://gitlab.opengroup.org/osdu/subcommittees/data-def>

Postman collection of Schema API: <https://community.opengroup.org/osdu/platform/testing/-/tree/master/Postman%20Collection/25_CICD_Setup_SchemaAPI>

**5. Storage Service**

This video is an overview of how data is stored in the OSDU Data Platform.

Storage Code repository: <https://community.opengroup.org/osdu/platform/system/storage>

Storage API: <https://community.opengroup.org/osdu/platform/system/storage/-/blob/master/docs/api/storage_openapi.yaml>

Storage Documentation: <https://community.opengroup.org/osdu/platform/system/storage/-/blob/master/docs/tutorial/StorageService.md>

Postman collection of Storage API: [https://community.opengroup.org/osdu/platform/testing/-/blob/master/Postman Collection/12\_CICD\_Setup\_StorageAPI/Storage API CI-CD v1.11.postman\_collection.json](https://community.opengroup.org/osdu/platform/testing/-/blob/master/Postman%20Collection/12_CICD_Setup_StorageAPI/Storage%20API%20CI-CD%20v1.11.postman_collection.json)

**6. File & Dataset Services**

In this video, you will get a close look at the OSDU Data Platform’s services dealing with source files and their storages.

File Code repository: <https://community.opengroup.org/osdu/platform/system/file>

File API: <https://community.opengroup.org/osdu/platform/system/file/-/blob/master/docs/file-service_openapi.yaml>

File Documentation: <https://community.opengroup.org/osdu/platform/system/file/-/blob/master/README.md>

Dataset Code repository: <https://community.opengroup.org/osdu/platform/system/dataset>

Dataset API: <https://community.opengroup.org/osdu/platform/system/dataset/-/blob/master/docs/dataset.swagger.yaml>

Dataset Documentation: <https://community.opengroup.org/osdu/platform/system/dataset/-/tree/master>

Postman collection of File API: <https://community.opengroup.org/osdu/platform/system/file>

Community Postman collection of Dataset API: <https://community.opengroup.org/osdu/platform/testing/-/tree/master/Postman%20Collection/36_CICD_R3_Dataset>

**7. Search Service**

This video will explain the query syntax to search records in OSDU Data Platform and show examples of search requests of various kinds.

Search Code repository: <https://community.opengroup.org/osdu/platform/system/search-service>

Search API: <https://community.opengroup.org/osdu/platform/system/search-service/-/blob/master/docs/api/search_openapi.yaml>

Search Documentation: <https://community.opengroup.org/osdu/platform/system/search-service/-/blob/master/docs/tutorial/SearchService.md>

Lucene Apache Query Syntax: <https://lucene.apache.org/core/2_9_4/queryparsersyntax.html>

Community Postman collection of Search API: <https://community.opengroup.org/osdu/platform/testing/-/tree/master/Postman%20Collection/37_CICD_R3_SearchAPI>