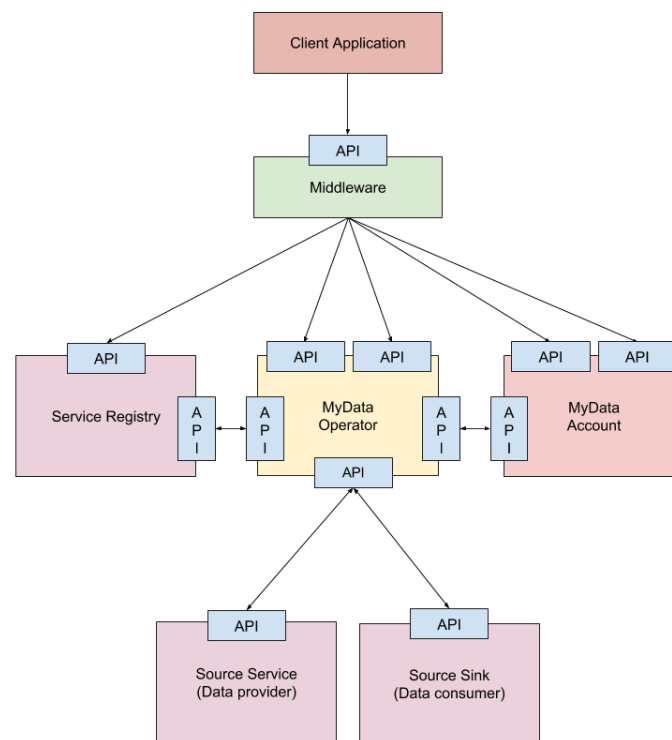


MyData Service Library Integration Guide

1.Introduction

MyData SDK is a reference implementation of [MyData Architecture Framework](#) implemented using Python 2.7. This guide gives details on how the SDK can be integrated with services. The reader is assumed to be familiar with MyData architecture specification and key concepts.

2.SDK Architecture Overview



Picture 1: MyData SDK Architecture

For detailed description see [MyData Architecture Framework](#).

3.SDK Service Library Integration

3.1 Introduction

MyData Service Library is a service side component that handles all MyData transactions between operator and the service. It currently provides support for Service Linking and Consenting for 3rd party re-use.

3.2 Requirements and installation

MyData SDK Library code is available at <https://github.com/mydata-sdk/mydata-sdk> and can be installed using the deployment instructions provided.

Main requirements for the library are:

- Python 2.7
- MySQL 5.6

3.3 Integration

MyData Library component is integrated with the service using [MyData Library Service API](#).

The service needs to implement “accept service linking” view where user is redirected after successful login during the Service Linking flow. Service may also implement view for service initiated Service Linking. See [Service Linking](#) specification for detailed description on Service Linking flow.

3.4 Service Registration

After the service is integrated with the MyData Library it must be registered in Service Registry. To test against the sandbox.mydata.fi reference operator implementation the service must be registered using the Service Registration tool available at www.sandbox.mydata.fi

3.4.1 Required service URLs

3.5 Testing in MyData Sandbox

MyData transactions can be tested after the service has been registered into MyData sandbox Service Registry. Log in to demo operator at www.sandbox.mydata.fi and the newly registered service should be visible in services list.