Development guide for building core-connectors

Integration Development Steps

Here are the typical steps that need to be taken to building an integration:

1. Download the **testing harness** with an example core connector to try.
   Understand the scope of the requirement and the API flows, by reviewing the core-connector golden path test collection that is used to illustrate the quality and adherence to the requirements.
2. Work with the Business / Product Expert at the DFSP to determine and get sign off on the **funding and liquidity design** that must be implemented in the integration.
   The pre-funded **liquidity design documents** can help this process.
3. Investigate the core-connector API and **design an integration solution**.
   The **IIPS Design Patterns** for Payer and Payee DFSP integration is a good guide for this work.
4. Build the integration against a Core Banking Solution Sandbox. This solution can be tested at any time by deploying/connecting it into the testing harness and running all or parts of the golden path test collection.
   The **core-connector template** can be useful here as a starting point for the development.
5. **Submit the core-connector for review** and approval by the Scheme. The scheme will have final say as to whether the integration solution is adequate for their scheme and use case.
6. Perform **User Acceptance Testing** for the scheme by deploying into Payment manager / or other deployment solution connected to a fully secured Environment.
   Run end-to-end testing, that include sending and receiving funds between connected organizations.
   Run a Settlement test.

Open API references

- Mojaloop Connector Outbound API
- Mojaloop Connector Backend API
- FSPIOP API v2.0