**Local Async API Setup Guide**

**Oracle Banking Cash Management**

Release 14.7.2.0.0

**Part Number F88385-01**

November 2023

**Local Async API Setup Guide**

Oracle Financial Services Software Limited

Oracle Park

Off Western Express Highway

Goregaon (East)

Mumbai, Maharashtra 400 063

India

Worldwide Inquiries:

Phone: +91 22 6718 3000

Fax: +91 22 6718 3001

<https://www.oracle.com/industries/financial-services/index.html>

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Preface

Introduction

Welcome to Local Async API Set up Guide for Oracle Banking Cash Management. It provides an overview on how to set up Async API locally on your system.

Intended Audience

This guide is intended for the following audience:

* Customers
* Partners

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* <https://www.oracle.com/corporate/accessibility/learning-support.html#support-tab>

Related Documents

For more information on Oracle Banking Cash Management, refer to the following documents:

* Oracle Banking Cash Management License Guide
* Oracle Banking Cash Management Installation Guides
* Oracle Banking Cash Management User Guide

Hosting Async API Locally

**Prerequisites**

Ensure that Python is installed in your local.

Follow the below mentioned steps to set up the python path on your local:

1. Go to **Control Panel** and click **System and Security**.

* The **System and Security** pop-up window is displayed.



1. On **System and Security** settings, click **System**.

* The **System** pop-up window is displayed.



1. On **System** settings, click **Advanced system settings**.

* The **System Properties** pop-up window is displayed.



1. On **System Properties** pop-up window, click **Environment Variables**.

* The **Environment Variables** pop-up window is displayed.



1. On **Environment Variables** pop-up window, Select **Path** under **System variables**, and click **Edit**. Add Python installation path in path variable.  
   For example: *C:\Users\xxxx\AppData\Local\Programs\Python\PythonXX*



1. Click **OK** on the pop-up windows to save the path.

Follow the below steps to host the Async API locally:

**NOTE**: Async API needs an HTTP Server to render itself. You can run a standalone HTTP Server using Python.

1. Assuming the Async API is deployed on a Windows machine in the following path - D:\OBCM\Async-API, run the following command to start a HTTP Server using python.  
   8888 is the port for HTTP server listens.

**NOTE**: The contents of the folder is shown in the below figure.



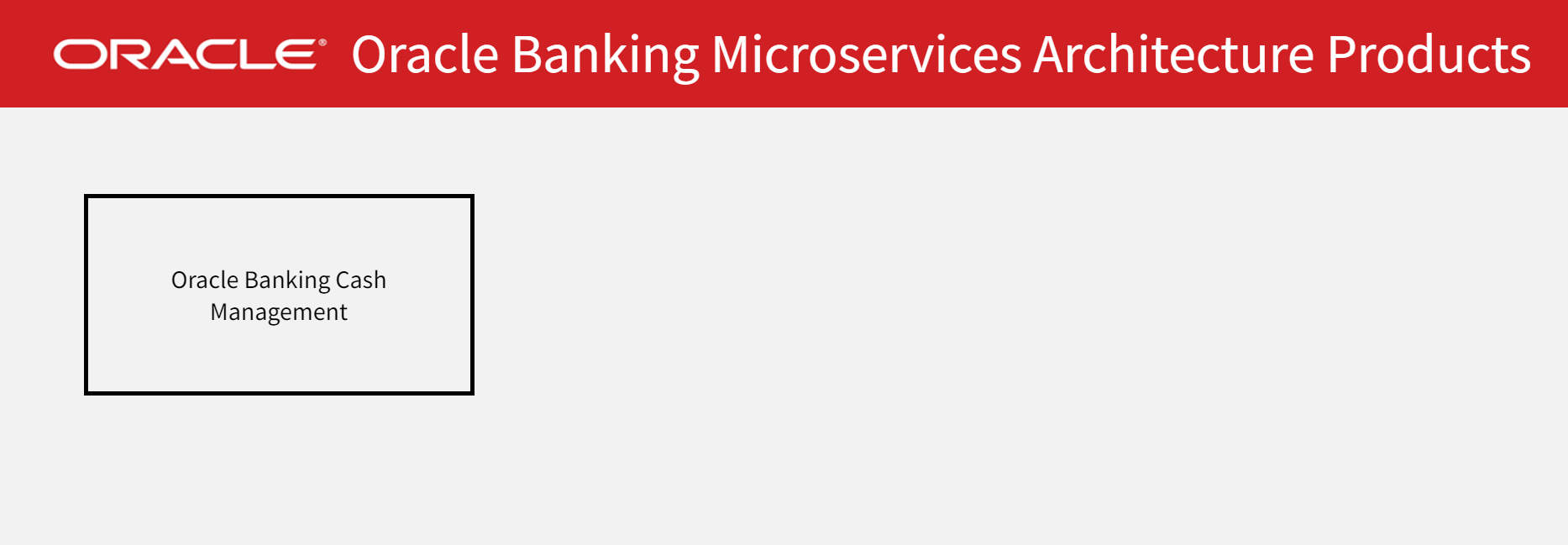
1. Open **Command Prompt**, and execute the following commands:

**cd D:\OBCM\OBCM-Async-API**

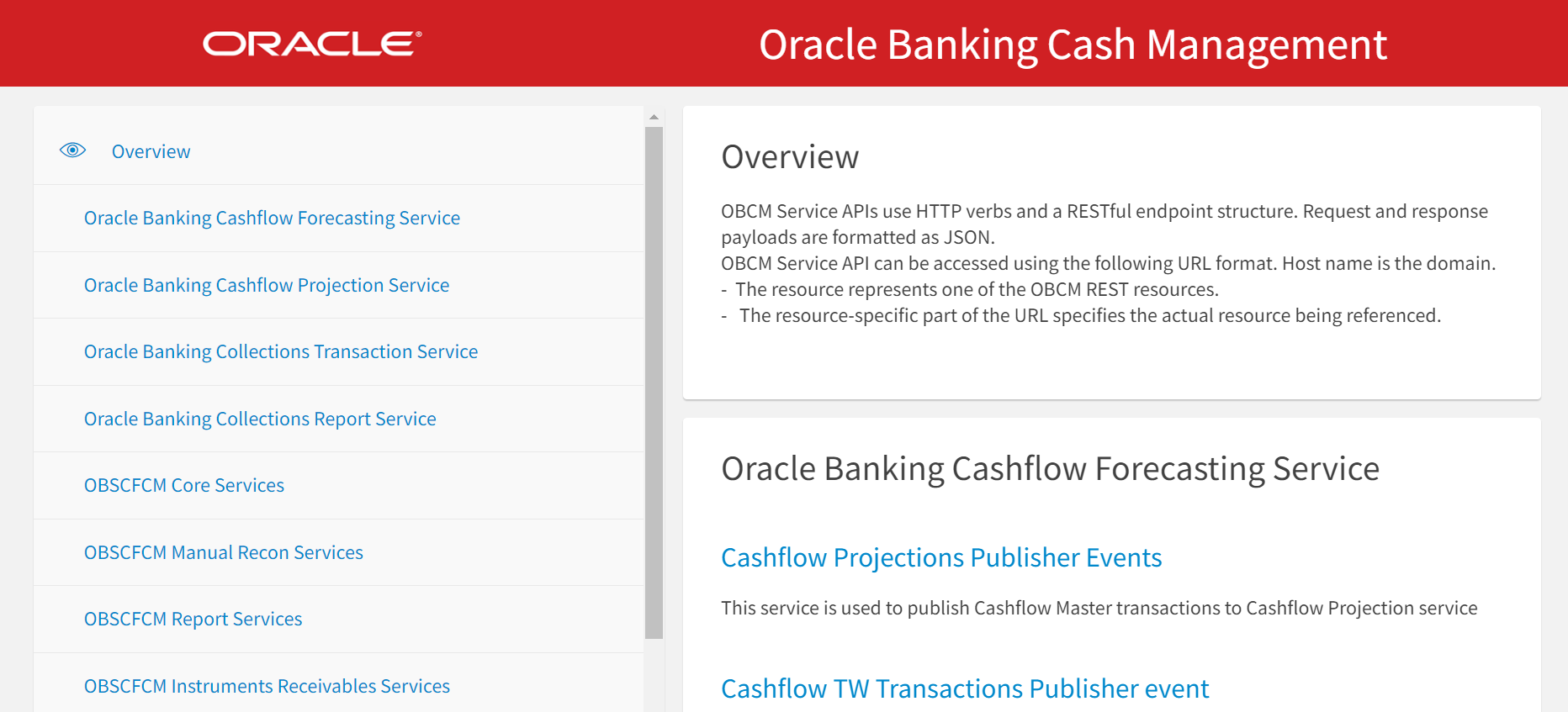
**python -m SimpleHTTPServer 8888** (if Python version is older than Python 3)

**python -m http.server 8888** (if Python version is Python 3)

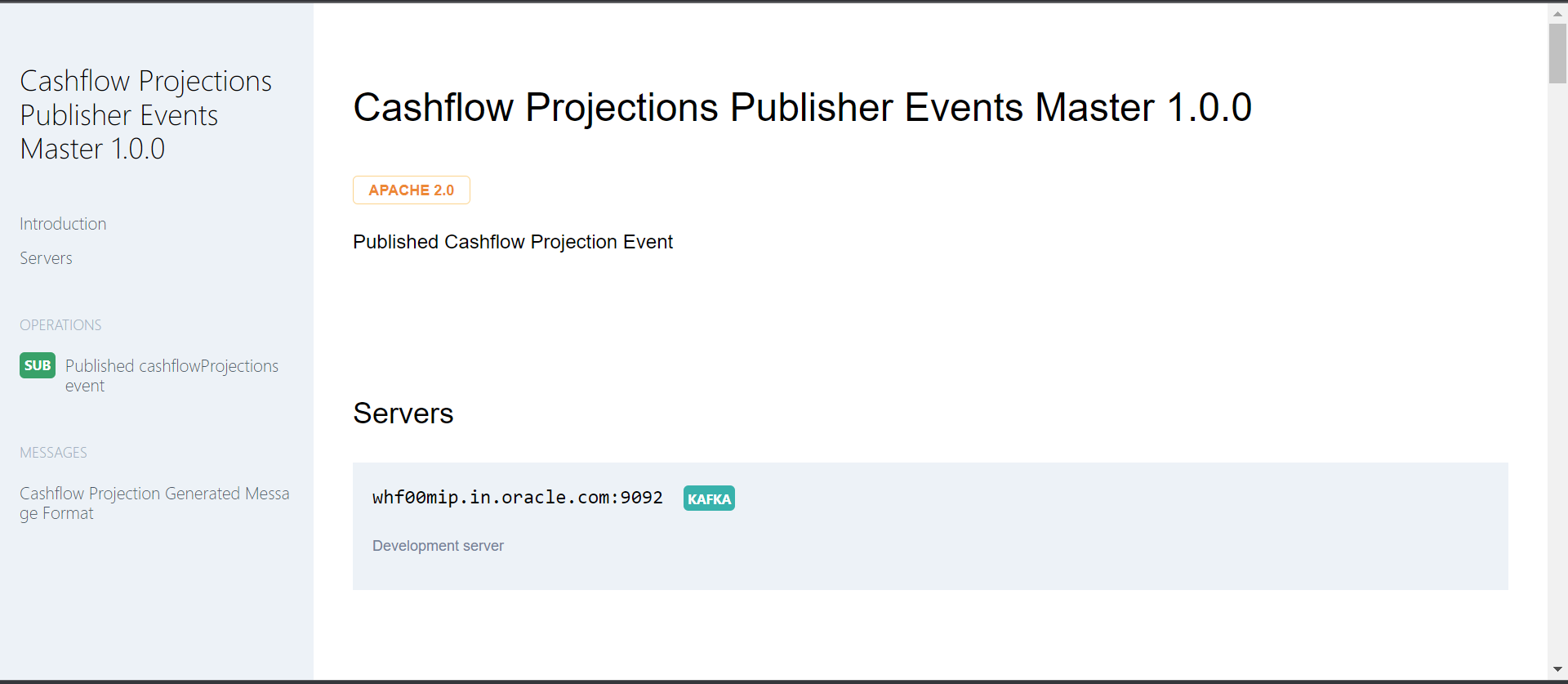
1. Go to URL <http://localhost:8888/plato-swagger-api/asyncHomePage.html> to access the Swagger UI. The following home screen appears:



1. Click **Oracle Banking Cash Management** product name to view the product landing page for Async APIs.



1. Click on the required services on the left panel, and then click on the required **Event** or functionality in the right panel to get the required API. A sample screenshot is shown below:



1. Make changes to the html file if the IP address and port numbers are to be changed.