

Oracle® Banking Payments Cloud Service

Oracle Banking Payments Swagger UI Setup Guide



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Preface

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Purpose

This guide is designed to help acquaint you with the Oracle Banking Payments Cloud Service application. This guide provides answers to specific features and procedures that the user need to be aware of the module to function successfully.

Prerequisite

Ensure that Python is installed on your system.

Acronyms and Abbreviations

The list of the acronyms and abbreviations used are as follows:

Table 1 Acronyms and Abbreviations

Abbreviation	Description
REST	Representational State Transfer

Audience

This guide is intended for the following audience:

- Customers
- Partners

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Screenshot Disclaimer

The personal information used in the interface or documents is sample data and does not exist in the real world. It is provided for reference purposes only.

Web Browser Support Policy

Webservices are best viewed in Firefox. For detailed information on Browser Support, please refer to the [Oracle Software Web Browser Support Policy](#).

1

Hosting Swagger UI Locally

This topic provides an overview of how to set up API locally on your system.

This topic contains the following sub-topics:

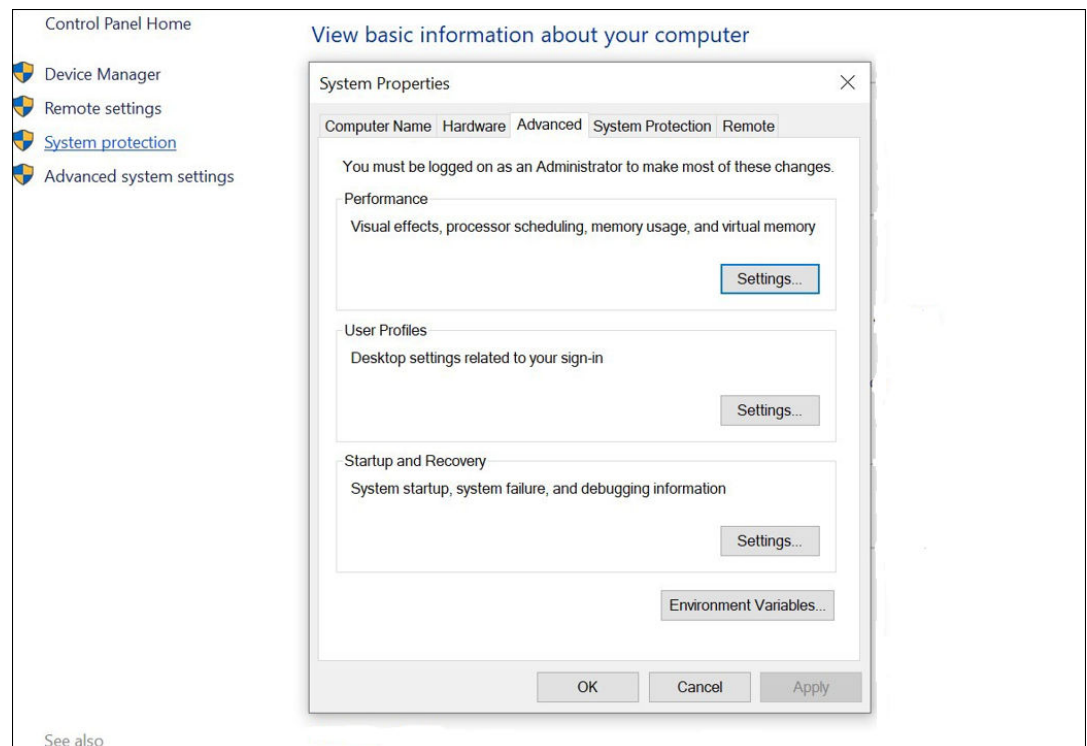
- [Configuring the Python path on the local](#)
This topic provides the systematic instructions to configure the Python path on your local machine.
- [Local deployment of Swagger UI](#)
This topic provides an overview of deploying Swagger UI on your local machine or server.

1.1 Configuring the Python path on the local

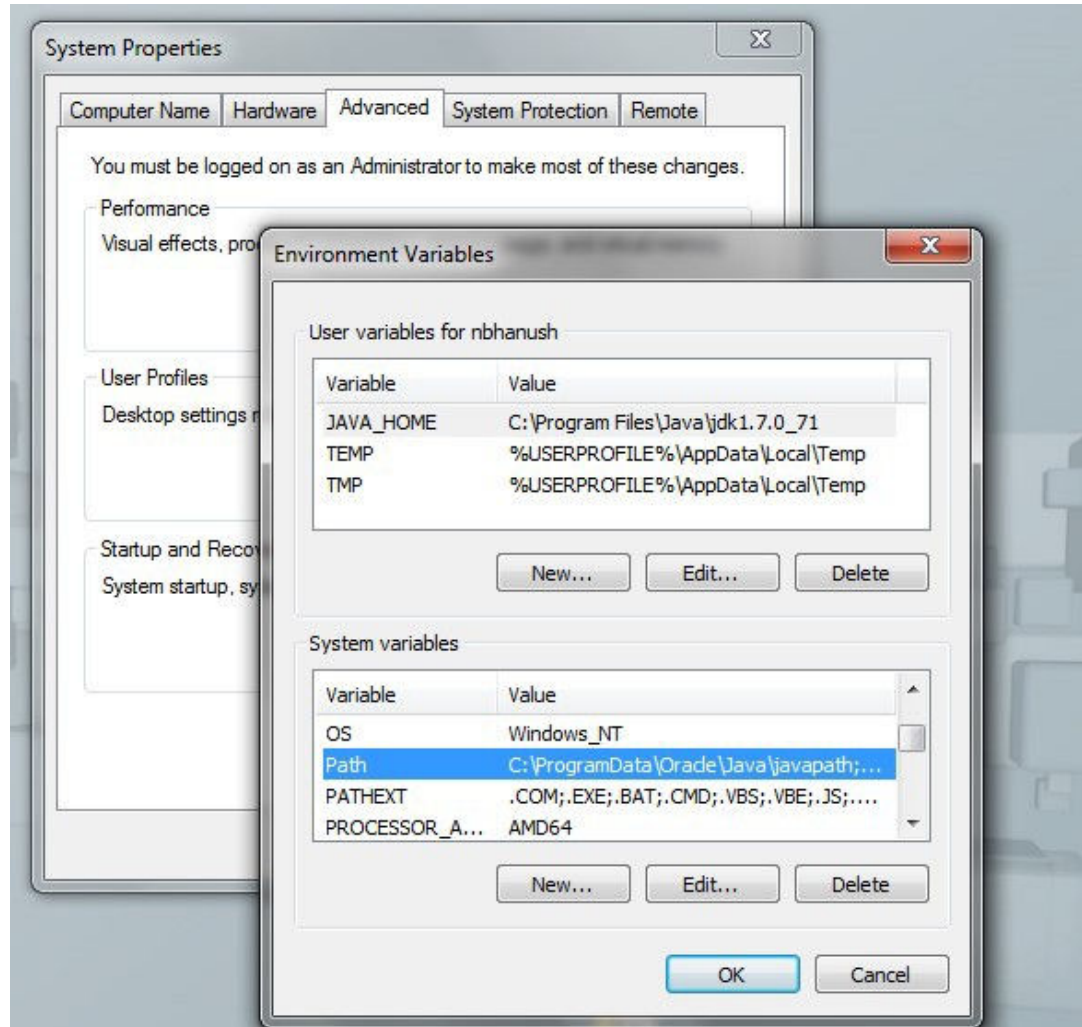
This topic provides the systematic instructions to configure the Python path on your local machine.

1. Navigate to **Control Panel** and click **Advanced system settings**.
The **System Properties** window is displayed.

Figure 1-1 System Properties

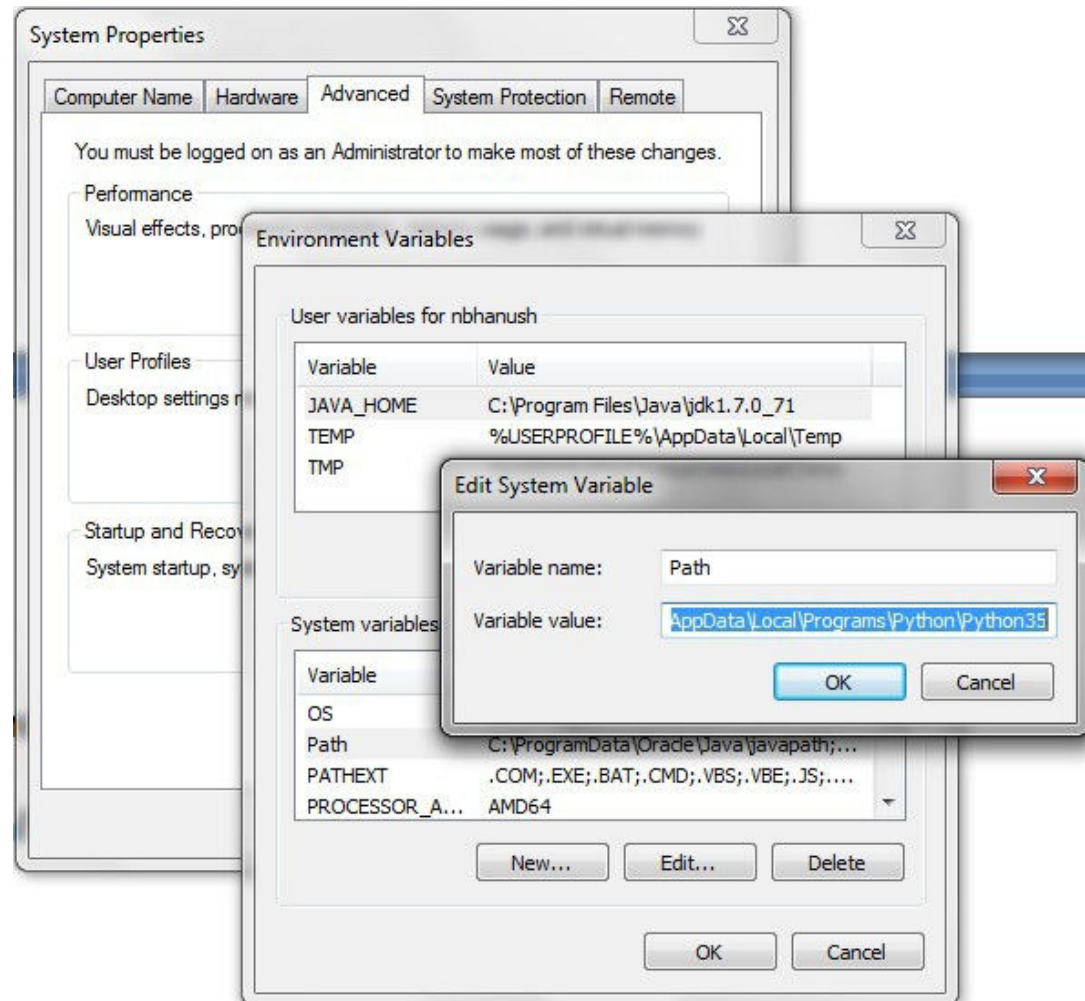


2. Click **Environment Variables**.
The **Environment Variables** window is displayed.

Figure 1-2 Environment Variables

3. On the **Environment Variables** screen, select the path from the system variable and click **Edit**.

The **Edit System Variable** window is displayed.

Figure 1-3 Edit System Variable

4. On the **Edit System Variable** window, add Python installation path in the path variable.

For example:

C:\Users\nbhanush\AppData\Local\Programs\Python\Python35

1.2 Local deployment of Swagger UI

This topic provides an overview of deploying Swagger UI on your local machine or server.

Local deployment of Swagger UI enables you to host and access the Swagger API documentation interface on your own machine or within your organization's environment.

Follow the below steps to host the Swagger UI locally:

1. Obtain the Oracle Banking Payments ZIP package that includes the plato-swagger-api folder.

Swagger UI needs an HTTP Server to render itself. User run a standalone HTTP Server using Python.

2. Assuming the Swagger UI is deployed on a Windows machine in the following path D:\OBVAM\swaggerUI, run the following cmd>cd D:\OBPM command to start a HTTP Server using Python.

8888 is the port for the HTTP server to listen.

3. Run the following command from the browser.
 - `python -m SimpleHTTPServer 8888`, if Python version is older than Python 3.
 - `python -m http.server 8888`, if Python version is Python 3.

To use a port other than 8888, first ensure the new port is available for listening. Then, update all instances of 8888 in the commands above with the new port number. Make sure to also update the port number in the URL below accordingly.

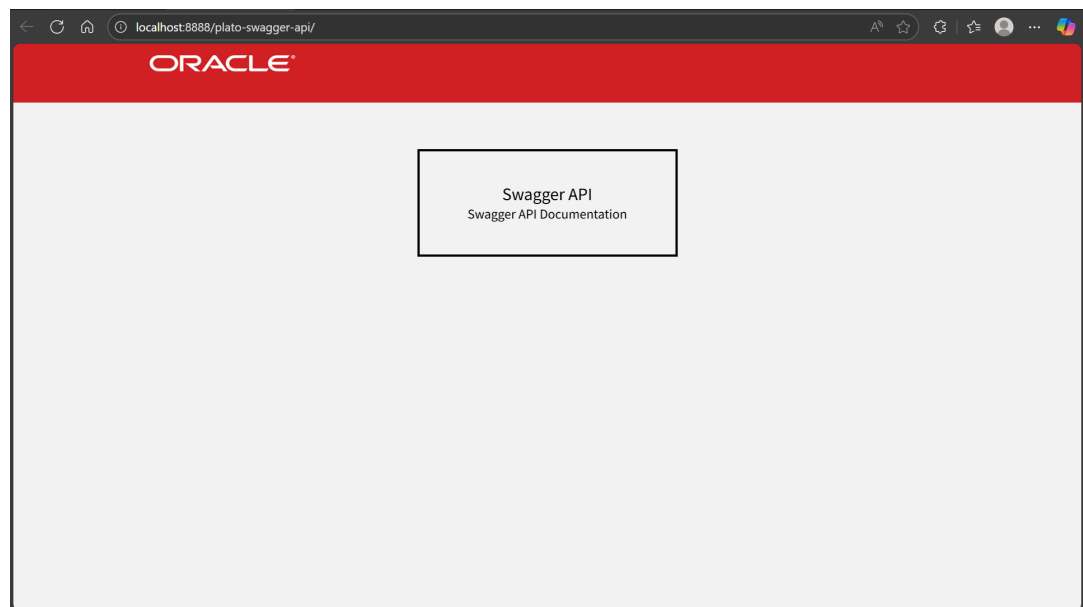
Note

SWAGGERUI is ROOT CONTEXT, and should not be in the above path when HTTP Server is started.

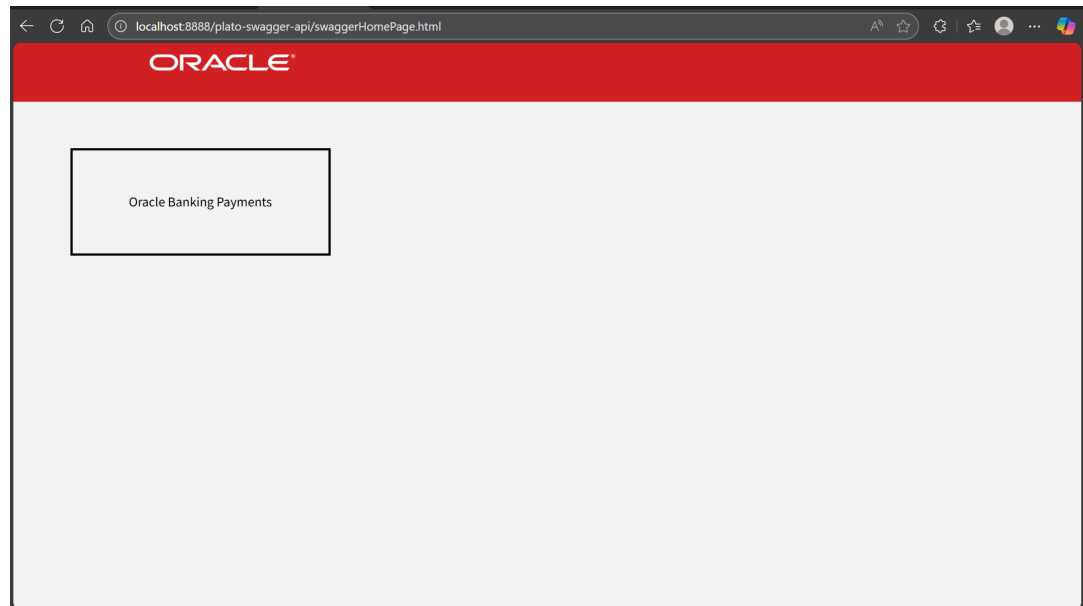
4. Navigate to SwaggerUIIndex at `http://localhost:8888/plato-swagger-api/index.html` to access the Swagger UI.

The **Swagger UI** screen appears.

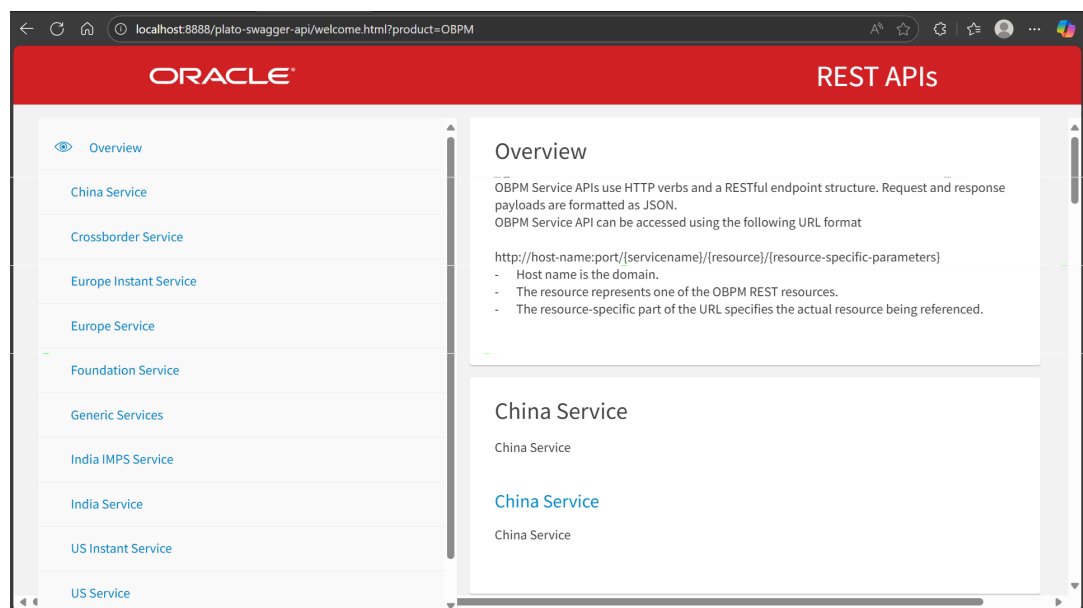
Figure 1-4 Swagger UI Home Screen_Swagger API Option



5. Click the **Swagger API** option.
The following screen is displayed.

Figure 1-5 Swagger UI_Oracle Banking Payments

6. On the screen, select **Oracle Banking Payments** and you will be redirected to the REST APIs page.

Figure 1-6 Swagger UI_REST APIs

7. Click the desired service in the left panel, then select the required YAML file or functionality in the right panel to access the corresponding API.

A sample screenshot is shown below:

Figure 1-7 Select the Required YAML

Cross-border MT - Transaction Services v14.8.1.0.0			▼
POST	/obpm-crossborder-service/service/v14.8.1.0.0/InPXCancelReq	Post Inbound Cross Border Cancellation Request Details	
POST	/obpm-crossborder-service/service/v14.8.1.0.0/OutPXCancelReq	Post Outbound Cross Border Cancellation Request Details	
POST	/obpm-crossborder-service/service/v14.8.1.0.0/pxoutgpilowvalue	Post Outbound Cross Border gLowValue Payment Transaction Input Details	
POST	/obpm-crossborder-service/service/v14.8.1.0.0/pxouttemplatesi	Initiate an Cross Border SI Template Transaction	
POST	/obpm-crossborder-service/service/v14.8.1.0.0/pxouttemplatesiModify	Initiate an Cross Border SI Template Transaction	
POST	/obpm-crossborder-service/service/v14.8.1.0.0/rftout	Post Outbound Cross Border MT101 Transaction Input Details	
POST	/obpm-crossborder-service/service/v14.8.1.0.0/rftvalidate	Post Outbound Cross Border MT101 Transaction Validate Details	
POST	/obpm-crossborder-service/service/v14.8.1.0.0/xborderin	Xborder In Payment	

8. Click the desired endpoint to expand and view its details.

A sample screenshot is shown below:

Figure 1-8 Click the Desired Endpoint

POST /obpm-crossborder-service/service/v14.8.1.0.0/InPXCance1Req Post Inbound Cross Border Cancellation Request Details

[Try it out](#)

Name	Description
appld * required string (header)	Indicates a unique code to identify the application sub-domain. The value to be passed for this service as: OBPMCROSSBORDER Default value : OBPMCROSSBORDER
inboundCancelRequest * required object (body)	inboundCancelRequest Example Value Model

```

{
  "header": {
    "action": "string",
    "autoAuth": "string",
    "channel": "string",
    "entityId": "string",
    "functionId": "string",
    "grossOrNet": "string",
    "hostCode": "string",
    "isStandingInstruction": "string",
    "moduleId": "string",
    "msgId": "string",
    "msgType": "string",
    "networkCode": "string",
    "paymentTxnType": "string",
    "paymentType": "string",
    "source": "string",
    "sourceCode": "string",
    "userBranch": "string",
    "userId": "string",
  }
}

```

Parameter content type: application/json

Responses: Response content type: application/json

Code	Description
200	Successful operation

```

{
  "header": {
    "action": "string",
    "autoAuth": "string",
    "channel": "string",
    "entityId": "string",
    "functionId": "string",
    "grossOrNet": "string",
    "hostCode": "string",
    "isStandingInstruction": "string",
    "moduleId": "string",
    "msgId": "string",
    "msgType": "string",
    "networkCode": "string",
    "paymentTxnType": "string",
    "paymentType": "string",
    "source": "string",
    "sourceCode": "string",
    "userBranch": "string",
    "userId": "string",
  }
}

```