Local Swagger UI Setup Guide

Oracle Banking Payments

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Local Swagger UI Setup Guide

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1 Preface

1.1 Introduction

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

1.2 Intended Audience

This guide is intended for the following audience:

- Customers
- Partners

1.3 Documentation Accessibility

For information about Oracle's commitment to accessibility, visit the Oracle Accessibility Program website at http://www.oracle.com/pls/topic/lookup?ctx=acc&id=docacc.

1.4 Access to Oracle Support

Oracle customers have access to electronic support through My Oracle Support. For more information refer to the following links:

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

1.5 Related Documents

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

- Oracle Banking Payments Management License Guide
- Oracle Banking Payments Management Installation Guides
- Oracle Banking Payments Management User Guides



2 Hosting Swagger UI Locally

Pre-requisites

Ensure that Python is installed on your system.

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

1. Go to **Control Panel**, and click **Advanced system settings**.

evice Manager	System Properties	×	
Remote settings	Computer Name Hardware Advanced System Protection Remote		
System protection	Sompare Manie Marane Maranesa System Hotection Memore		
Advanced system settings	You must be logged on as an Administrator to make most of these changes.		
	Visual effects, processor scheduling, memory usage, and virtual memory		
	Settings User Profiles Desktop settings related to your sign-in Settings	2.11 GHz or	
	Startup and Recovery System startup, system failure, and debugging information		
	Settings		
	Environment Variables		

2. Click Environment Variable.

System Properties Computer Name Hardw You must be logged or Performance	vare Advanced Sy	stem Protection Remote o make most of these changes.		
Visual effects, pro	Visual effects, pro Environment Variables			
	User variables for nbhanush			
User Profiles	Variable	Value		
Desktop settings r	JAVA_HOME	C:\Program Files\Java\jdk1.7.0_71		
	TEMP	%USERPROFILE%\AppData\Local\Temp		
	TMP	%USERPROFILE%\AppData\Local\Temp		
Startup and Recov System startup, sy		New Edit Delete		
	System variables			
	Variable	Value ^		
	OS	Windows_NT		
	Path	C:\ProgramData\Orade\Java\javapath;		
	PATHEXT	.COM;.EXE;.BAT;.CMD;.VBS;.VBE;.JS;		
	PROCESSOR_A.	New Edit Delete		
		OK Cancel		



3. Select path from system variable, and click **Edit**. Add Python installation path in path variable. For example: C:\Users\nbhanush\AppData\Local\Programs\Python\Python35.

System Properties		22			
Computer Name Hardware Advanced System Protection Remote You must be logged on as an Administrator to make most of these changes. Performance Visual effects, pro Environment Variables S3					
	User variables for	r nbhanush			
User Profiles Desktop settings r	Variable JAVA_HOME TEMP	Value C:\Program Files\Java\jdk1.7.0_71 %USERPROFILE%\AppData\Loca\\Temp			
	ТМР	Edit System Variable			
Startup and Recov System startup, sy		Variable name: Path			
	System variables	Variable value: AppData\Local\Programs\Python\Python35			
	OS Path	C: \ProgramData \Oracle \Dava \javapath;			
1	PATHEXT PROCESSOR_A.	AMD64			
		New Edit Delete			
		OK Cancel			

Follow the below steps to host the Swagger UI locally:

1. Obtain the plato-swagger-api.zip and place in the destination folder.

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

 Assuming the Swagger UI is deployed on a Windows machine in the following path -D:\OBVAM\swaggerUI, run the following command to start a HTTP Server using python. 8888 is the port for HTTP server listen.

cmd>cd D:\OBPM

3. Run the following command from browser :

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

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

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



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

← → C O localhost8888/plato-swagger-api/index.html	* 🖬
ORACLE	
Swagger API Swagger API Documentation	Async API Async API Documentation

5. Click on Swagger API Option. You will be directed to the following screen:

C O localhost 8888/plato-swagger-api/swaggerHomePage.html	* 🖻
ORACLE	OBMA PRODUCTS
Oracle Banking Payments	



6. Select Oracle Banking Payments and you will be redirected to the REST APIs page

localhost:8888/plato-swagger-api/welcome.html?product=OBPM	
ORACLE	REST APIS
Overview	Overview
China Service	OBPM Service APIs use HTTP verbs and a RESTful endpoint structure. Request and response payloads are formatted as JSON.
Crossborder Service	OBPM Service API can be accessed using the following URL format http://host-name:port//servicenamel//resource//resource-specific-parameters}
Europe Instant Service	Host name is the domain. The resource represents one of the OBPM REST resources. The resource reprife roat of the UB, coardinate actual resource being referenced
Europe Service	 The resource-specific part of the OKL specifies the actual resource being referenced.
Foundation Service	
Generic Services	China Service
India IMPS Service	china service
India Service	China Service
India UPI Service	
Interface Service	
US Instant Service	Crossborder Service
US Service	Crossoorder Service
	Crossborder Service
	Crossborder Service

7. Click on the required service on the left panel, and then click on the required yaml or functionality in the right panel to get the required API. A sample screenshot is shown below:





POST	/obpm-crossborder-service/InPXCancelReq h	nbound Txn Cancellation Reque	est	
Parameters			(Try it out
Name	Description			
requestConten string (formData)	t requestContent			
Responses		Response content type	application/json	~
Code Des	scription			
200 St	uccessful operation			
Ex	xample Value Model "string"			
201 Ci	reated			
401 Ui	nauthorized			
403 Fo	orbidden			
404 No	ot Found			

8. Click on the required end point to expand it further. A sample screenshot is shown below:

NOTE: Try it out feature of Swagger has been disabled.

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

