

Local Swagger UI Setup Guide

Oracle Banking Branch

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Local Swagger UI Setup Guide

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Contents

1	Preface	1
1.1	Introduction.....	1
1.2	Intended Audience	1
1.3	Documentation Accessibility	1
1.4	Access to Oracle Support	1
1.5	Related Documents.....	1
2	Hosting Swagger UI Locally	2

1 Preface

1.1 Introduction

Welcome to Local API Set up Guide for Oracle Banking Branch. 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:

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

1.5 Related Documents

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

- Oracle Banking Branch License Guide
- Oracle Banking Branch Installation Guides
- Oracle Banking Branch User Guides

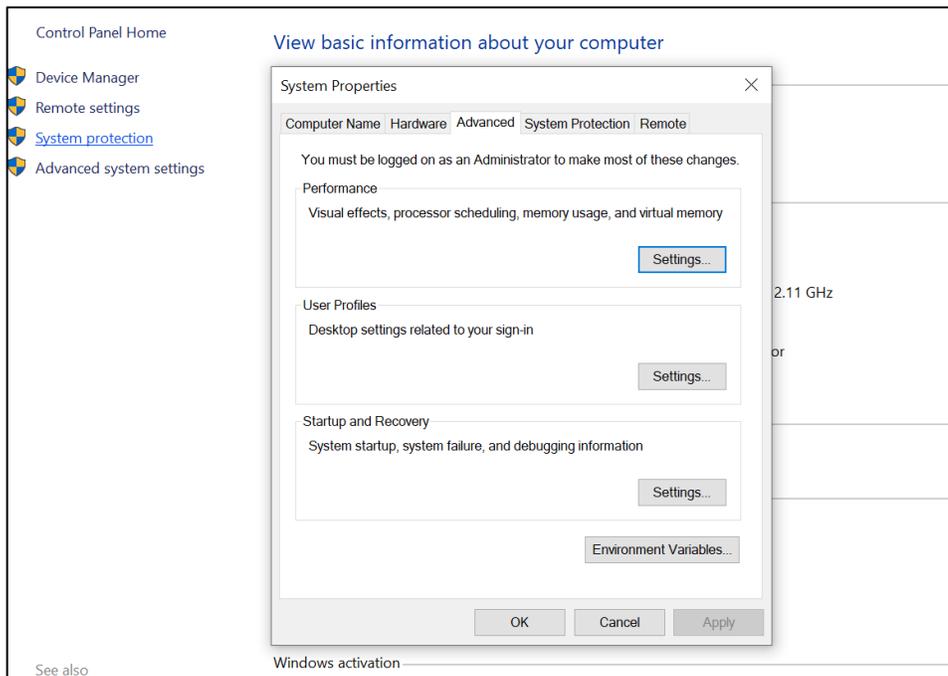
2 Hosting Swagger UI Locally

Pre-requisites:

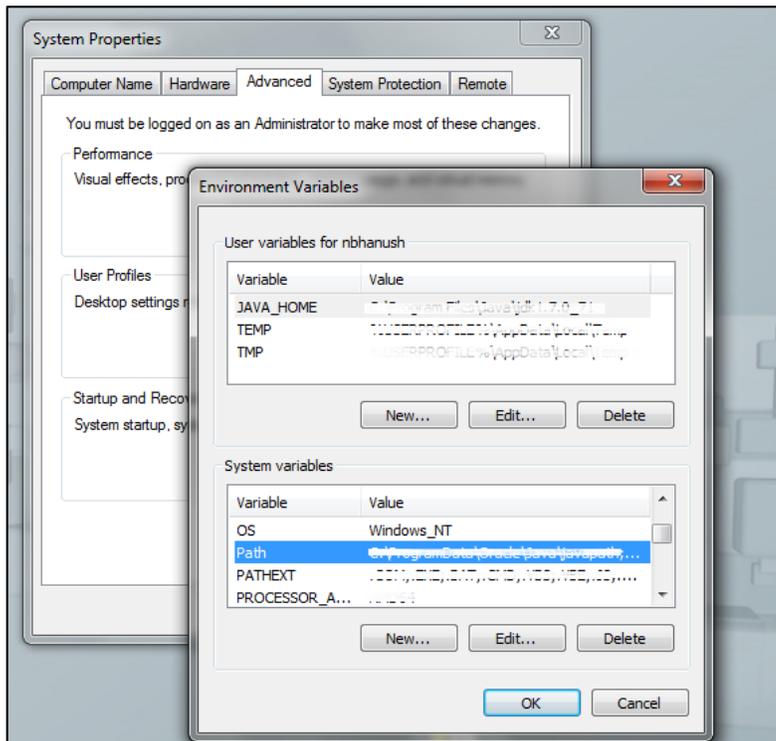
Ensure that Python is installed on your system.

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

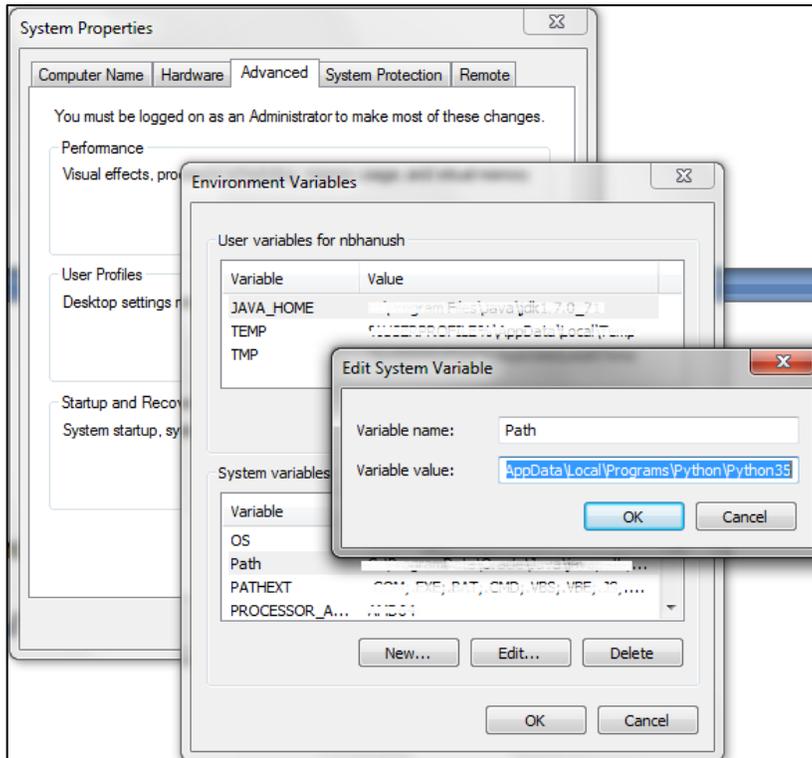
1. Go to **Control Panel**, and click **System and Security**.
2. On **System and Security** settings, click **System**.
3. On **System** settings, click **Advanced system settings**. The **System Properties** pop-up window is displayed.



4. On **System Properties** pop-up window, click **Environment Variables**. The **Environment Variables** pop-up window is displayed.



5. 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\lxxx\AppData\Local\Programs\Python\PythonXX`



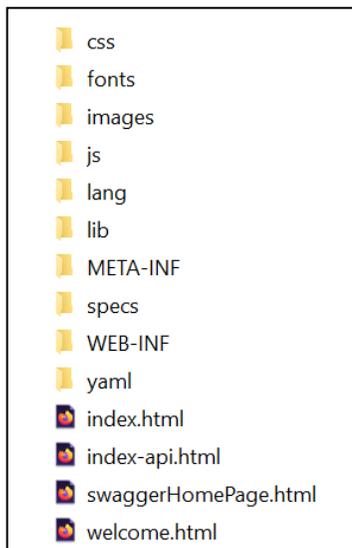
6. Click **OK** on the pop-up windows to save the path.

Follow the below steps to host the Swagger UI locally:

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

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

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



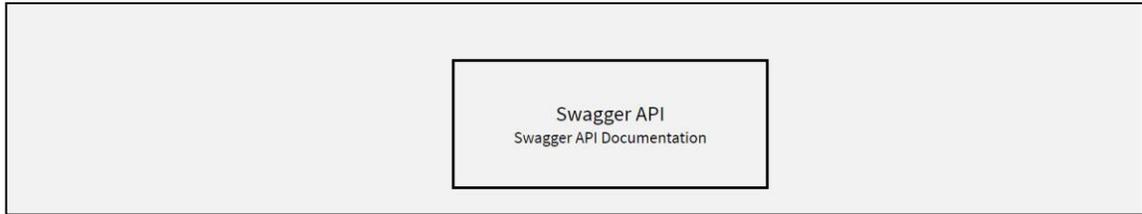
2. Open Command Prompt, and execute the following commands:

```
cd D:\OBBRN\swaggerUI
```

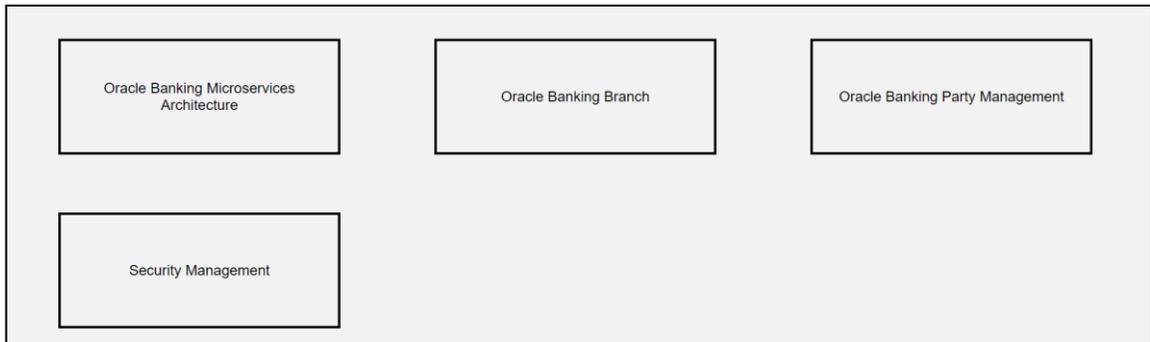
```
python -m SimpleHTTPServer 8888 (if Python version is older than Python 3)
```

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

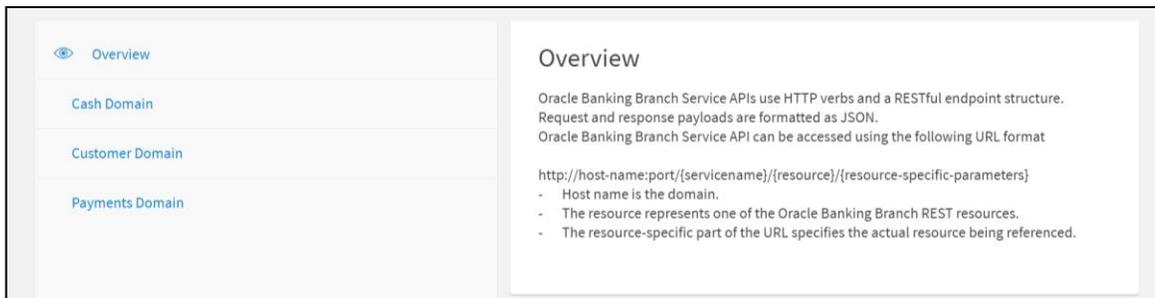
3. Go to URL <http://localhost:8888/index.html> to access the Swagger UI. The following home screen appears:



4. Click **Swagger API**.

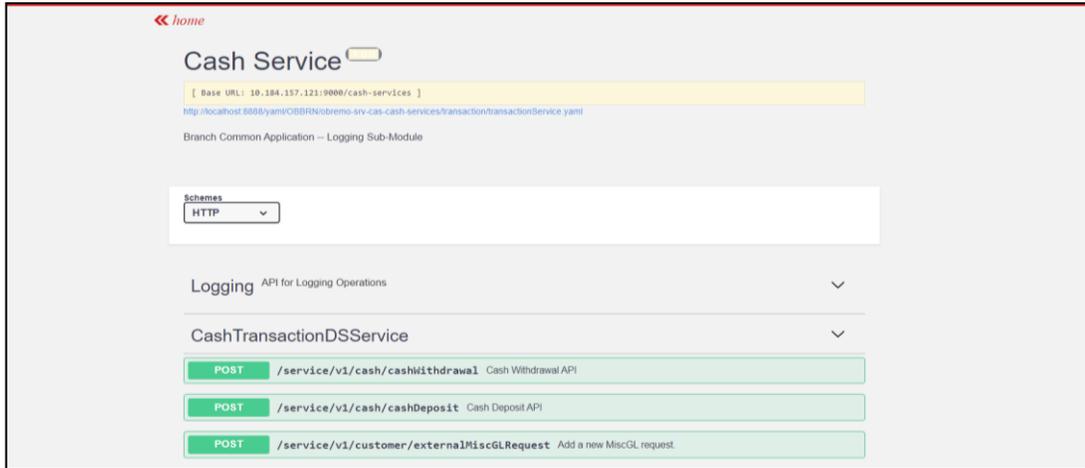


5. Click on one of the three options to route to details.

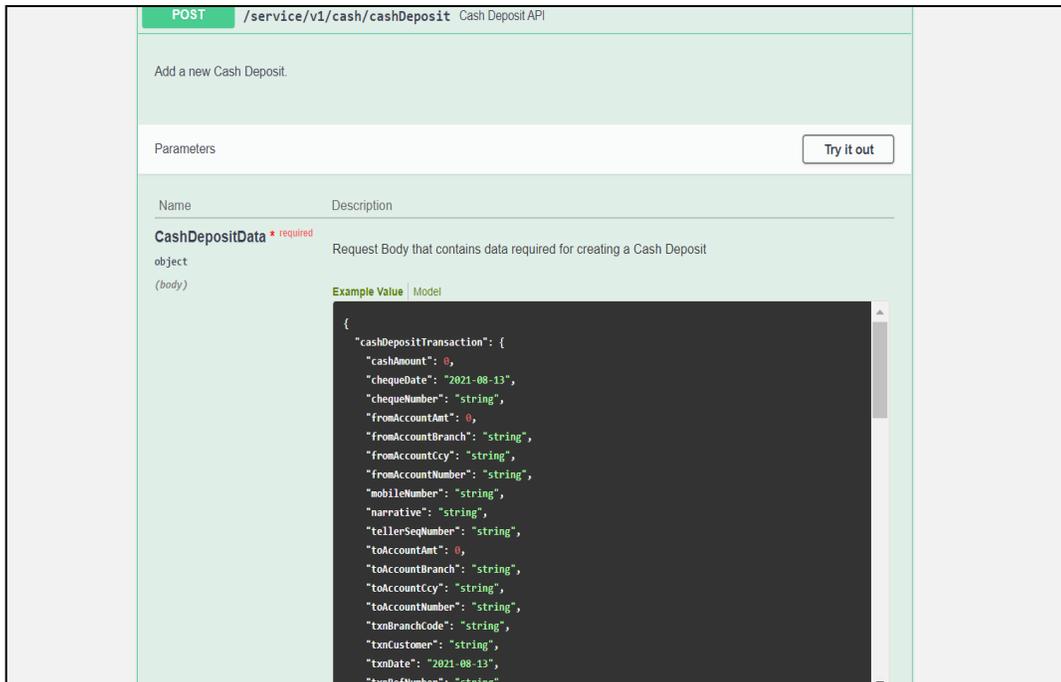


6. Click on the required service on the left panel.

- Click on the required yaml or functionality on the right panel to get the required API. A sample screenshot is shown below:



- 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.

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