

**SOAP Web-Service UI Setup Guide**  
**Oracle Banking Payments**

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## **SOAP Web-Service UI Setup Guide**

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## 1 Preface

### 1.1 Introduction

The SOAP Web-service UI Set up Guide for Oracle Banking Payments provides an overview of 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 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

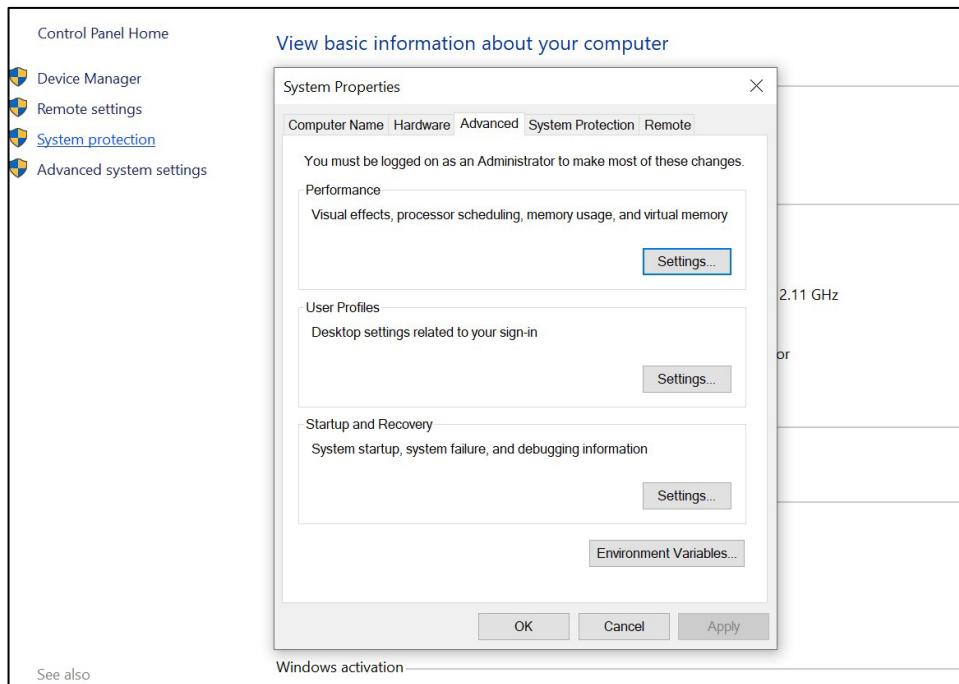
## 2 Hosting Web-Services Documentation Locally

### Pre-requisites

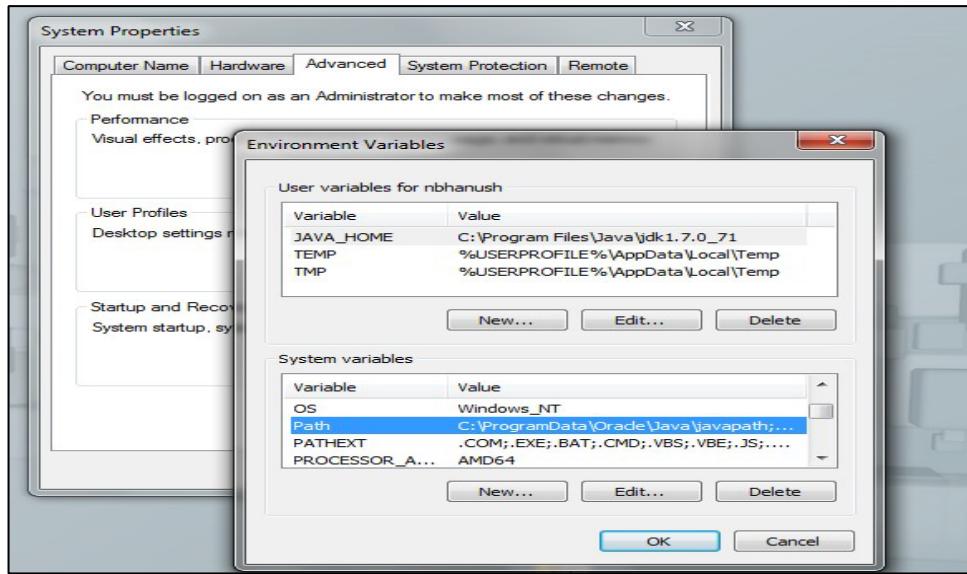
Ensure that Python is installed on your system.

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

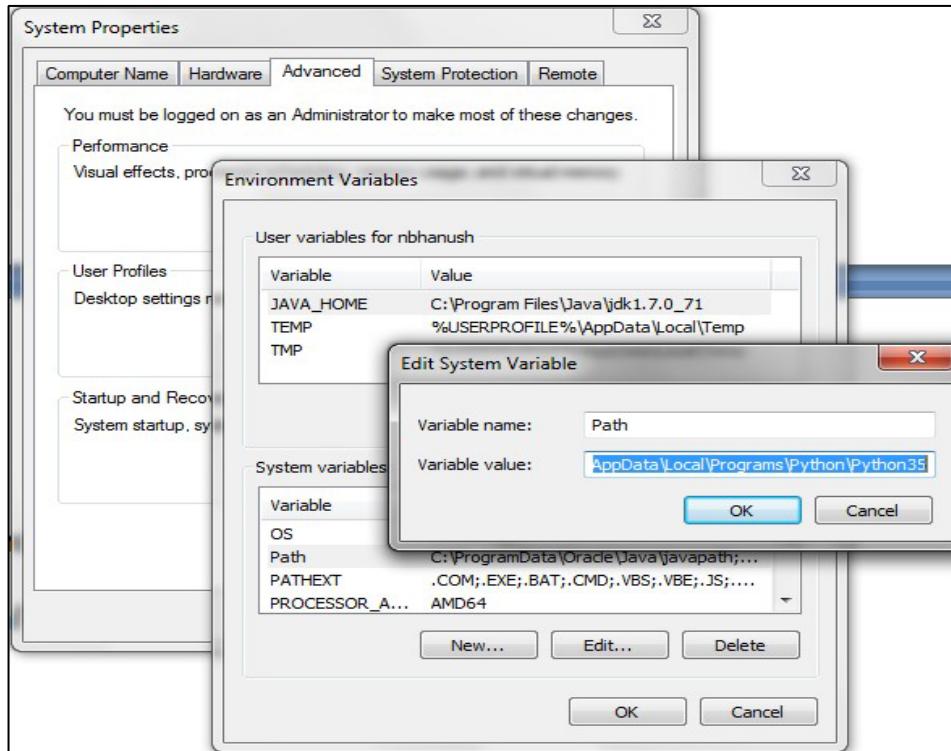
1. Go to **Control Panel** and click **Advanced system settings**.



2. Click **Environment Variable**.



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



Follow the below steps to host the Web-Service Documentation locally:

1. Obtain the `Web_Service_Documentation.zip` and place in the destination folder. Web-Service Documentation UI needs an HTTP Server to render itself. You can run a standalone HTTP Server using Python.
2. Assuming the `Web_Service_Documentation.zip` is extracted on a Windows machine in the following path - `D:\OBPM\WebServiceDoc\Web_Service_Documentation` run the following command to start a HTTP Server using python. 8888 is the port for the HTTP server to listen.

**`cmd>cd D:\OBPM\WebServiceDoc\Web_Service_Documentation`**

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 different port than 8888, First make sure the new Port is available for Listening and change 8888 to the new port in above commands. Correspondingly, the Port number in below URL will change as well)*

4. Go to URL [http://localhost:8888/Web\\_service\\_documentation/WebServiceIndex.htm](http://localhost:8888/Web_service_documentation/WebServiceIndex.htm) to access the Web-Service Documentation UI. The following home screen appears:

Oracle Banking Payments - Web Services

**Home**

**Oracle Banking Payments Integration Gateway**

Integration of different applications and solutions is a key area in today's systems. A variety of specialized applications deployed on disparate platforms and using different infrastructure need to be able to communicate and integrate seamlessly with Oracle Banking Payments in order to exchange data. The Oracle Banking Payments Integration Gateway (referred to as 'Gateway') will cater to these integration needs.

The integration needs supported by the Gateway can be broadly categorized from the perspective of the Gateway as follows:

- **Inbound application integration** used when any external system needs to add, modify or query information within Oracle Banking Payments.

**Inbound Application Integration - Services**

Oracle Banking Payments Inbound Application Gateway provides XML based Services. These services consist of one or more Operations. These operations can be invoked by any external system to perform the relevant operation in Oracle Banking Payments. The services supported by the Gateway are listed below.

- AccountFetchService
- BenefitFetchService
- CustomerFetchService
- CleaningCodeFetchService
- CommonSingleTxnQueryService
- CommonTxnQueryService
- DirectDebitInService
- DirectDebitOutService
- DirectDebitOutRejectService
- DirectDebitOutReverseService
- FCUBSSCryService
- FCUBSSMService
- FCUBSSGService
- FCUBSSMService
- FetchBldDirectoryService
- FutureTxnService
- FetchValueDateService
- FileEnvelopeUploadService
- FutureDatedTxnInfoService
- FutureTxnQueueService
- InstrumentListService
- InstrumentMaintenanceQueryService
- OutwardRemittanceQueryService
- PBOutTxnCancelService

5. Click on the Required SOAP service from the Scrollable List (ex : AccountFetchService) to see the various operations supported under that SOAP Service:

Oracle Banking Payments - Web Services

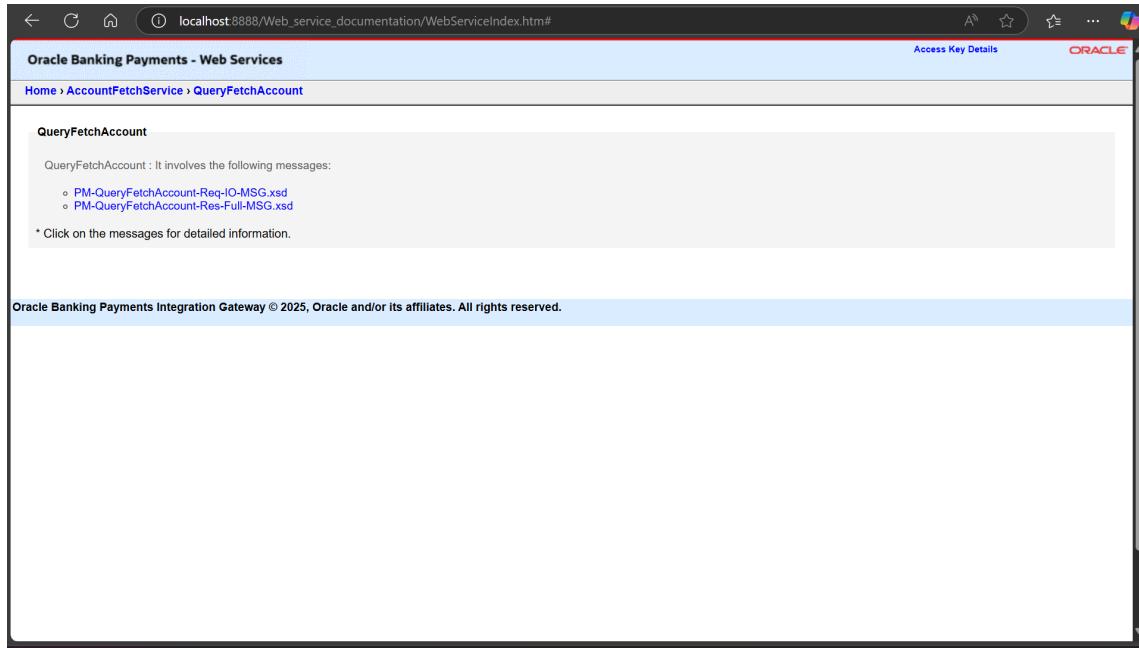
**Home > AccountFetchService**

**AccountFetchService**

Oracle Banking Payments supports the following operations under this service:

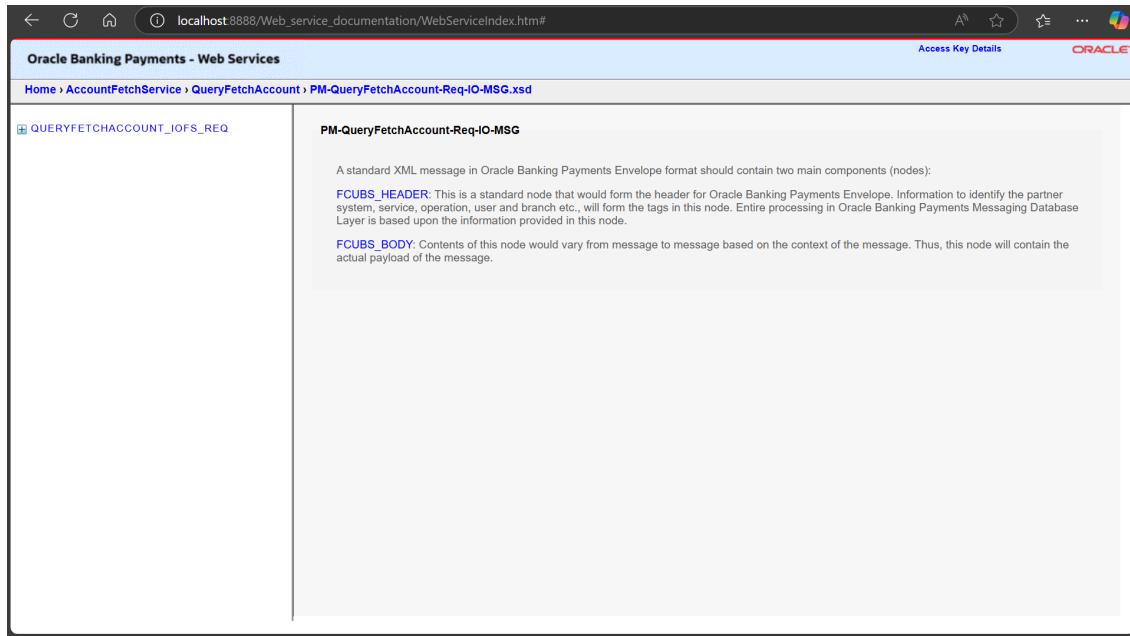
- QueryFetchAccount
- CreateFetchAccount

6. Click on the specific Operation required to see the involved XSDs for that operation.



The screenshot shows a web browser window for 'Oracle Banking Payments - Web Services'. The URL is 'localhost:8888/Web\_service\_documentation/WebServiceIndex.htm#'. The page title is 'Oracle Banking Payments - Web Services'. The navigation bar shows 'Home > AccountFetchService > QueryFetchAccount'. The main content area is titled 'QueryFetchAccount' and contains the following text:  
QueryFetchAccount : It involves the following messages:  
o PM-QueryFetchAccount-Req-IO-MSG.xsd  
o PM-QueryFetchAccount-Res-Full-MSG.xsd  
\* Click on the messages for detailed information.

7. Click on the specific XSD to see a detailed explanation regarding the fields and format of the XSD:



The screenshot shows a web browser window for 'Oracle Banking Payments - Web Services'. The URL is 'localhost:8888/Web\_service\_documentation/WebServiceIndex.htm#'. The page title is 'Oracle Banking Payments - Web Services'. The navigation bar shows 'Home > AccountFetchService > QueryFetchAccount > PM-QueryFetchAccount-Req-IO-MSG.xsd'. The main content area is titled 'PM-QueryFetchAccount-Req-IO-MSG' and contains the following text:  
A standard XML message in Oracle Banking Payments Envelope format should contain two main components (nodes):  
**FCUBS\_HEADER**: This is a standard node that would form the header for Oracle Banking Payments Envelope. Information to identify the partner system, service, operation, user and branch etc., will form the tags in this node. Entire processing in Oracle Banking Payments Messaging Database Layer is based upon the information provided in this node.  
**FCUBS\_BODY**: Contents of this node would vary from message to message based on the context of the message. Thus, this node will contain the actual payload of the message.

8. Click on the '+' Button in the left Panel to collapse the XSD format and display the various fields in the XSD.
9. Click on a specific Field to see the description of that field along with its attributes and Constraints.

The screenshot shows the Oracle Banking Payments - Web Services documentation page. The URL in the address bar is `localhost:8888/Web_service_documentation/WebServiceIndex.htm#`. The page title is "Oracle Banking Payments - Web Services". The navigation path is "Home > AccountFetchService > QueryFetchAccount > PM-QueryFetchAccount-Req-IO-MSG.xsd".

The left panel displays the schema structure as a tree view:

- QUERYFETCHACCOUNT\_IOPS\_REQ
  - FCUBS\_HEADER
    - SOURCE
    - UBSCOMP
    - MSGID
    - CORRELID
    - USERID
    - ENTITY
    - BRANCH
    - MODULEID
    - SERVICE
    - OPERATION
    - SOURCE\_OPERATION
    - SOURCE\_USERID
    - DESTINATION
    - MULTITRIPID
    - FUNCTIONID
    - ACTION
    - MSGSTAT
    - FINALREQ
    - SNAPSHOTID
    - PASSWORD
    - ADDL
  - FCUBS\_BODY
    - Core-Account-Input-IO
      - CUST\_ACCOUNT\_NO

The right panel displays the "SOURCE" section of the XSD. It includes two tables:

Attributes		Description
Name	SOURCE	
Description		
DataType	string	

Attributes		Attributes	Description
		minOccurs	1

Restrictions		Restrictions	Description
		pattern	[a-zA-Z_0-9]*