

# Oracle® Banking APIs

## Content Upload Guide



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## Purpose

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

## Audience

This document is intended for the following audience:

- Customers
- Partners

## Documentation Accessibility

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### Access to Oracle Support

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## Critical Patches

Oracle advises customers to get all their security vulnerability information from the Oracle Critical Patch Update Advisory, which is available at [Critical Patches, Security Alerts and](#)

[Bulletins](#). All critical patches should be applied in a timely manner to ensure effective security, as strongly recommended by [Oracle Software Security Assurance](#).

## Diversity and Inclusion

Oracle is fully committed to diversity and inclusion. Oracle respects and values having a diverse workforce that increases thought leadership and innovation. As part of our initiative to build a more inclusive culture that positively impacts our employees, customers, and partners, we are working to remove insensitive terms from our products and documentation. We are also mindful of the necessity to maintain compatibility with our customers' existing technologies and the need to ensure continuity of service as Oracle's offerings and industry standards evolve. Because of these technical constraints, our effort to remove insensitive terms is ongoing and will take time and external cooperation.

## Conventions

The following text conventions are used in this document:

| Convention      | Meaning                                                                                                                                |
|-----------------|----------------------------------------------------------------------------------------------------------------------------------------|
| <b>boldface</b> | Boldface type indicates graphical user interface elements associated with an action, or terms defined in text or the glossary.         |
| <i>italic</i>   | Italic type indicates book titles, emphasis, or placeholder variables for which you supply particular values.                          |
| monospace       | Monospace type indicates commands within a paragraph, URLs, code in examples, text that appears on the screen, or text that you enter. |

## Related Resources

For more information on any related features, refer to the following documents:

- Oracle Banking APIs Installation Manuals

## Screenshot Disclaimer

Personal information used in the interface or documents is dummy and does not exist in the real world. It is only for reference purposes.

## Acronyms and Abbreviations

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

**Table 1 Acronyms and Abbreviations**

| Abbreviation | Description         |
|--------------|---------------------|
| OBAPI        | Oracle Banking APIs |

# 1

## Content Upload Configuration (Day 1)

- [Creating folder for holding files](#)
- [Creating Global Database Variable](#)
- [Creating Procedure](#)
- [Verifying DB State Before Procedure Execution](#)
- [Executing Procedure](#)
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### 1.1 Creating folder for holding files

1. Create a directory (Example - '/scratch/contents') on server where db is installed. This directory will hold files which are to be uploaded.
2. Copy files in the directory created in above step.

#### Note

We are not providing files out of the box. Please provide files for different documents as per your requirement. Make sure that proper filenames are used during procedure execution (Refer to **Executing Procedure** - step 3 column '**Proc Execution Statement**' for more detail)

### 1.2 Creating Global Database Variable

1. Login into database using sys user.
2. Create db variable (CONTENT\_FILES) as mentioned below:  
create or replace directory CONTENT\_FILES as '/scratch/contents';
3. Granting access to schema (OBDXSHEMA – Example- OBDX\_DBAUTH181IT) for variable created in step 2.  
GRANT READ, WRITE ON DIRECTORY CONTENT\_FILES TO &&schema\_name;

### 1.3 Creating Procedure

1. Login into database using schema user (OBAPISHEMA).
  2. Compile following procedure.
- **For Feedback :**  
**Pre- requisites before compiling below procedure**

Execute below steps to make Scale(Rating) icons available for Feedback Module.

**Note**

The images can be found at below location : clip/trunk/core/channel/images/feedback.

```
Insert Query for DIGX_CM_CONTENT
TableInsert into DIGX_CM_CONTENT
(ID,PARTY_ID,DOCUMENT_CHECKLIST_ID,TITLE,MIME_TYPE,CONTENT_CATEGORY,
CONTENT_TYPE,FILE_CONTENT,CONTENT_SIZE,SHARED_FLAG,OBJECT_VERSION_NUMBER,
CREATED_BY,CREATION_DATE,LAST_UPDATED_BY,LAST_UPDATE_DATE,OBJECT_STATUS)
values ('${contentId1}',null,null,'heart-fill.svg','image/svg',null,null,
null,'','Y',1,'superadmin',sysdate,'superadmin',sysdate,null);
```

```
Insert into DIGX_CM_CONTENT
(ID,PARTY_ID,DOCUMENT_CHECKLIST_ID,TITLE,MIME_TYPE,CONTENT_CATEGORY,
CONTENT_TYPE,FILE_CONTENT,CONTENT_SIZE,SHARED_FLAG,OBJECT_VERSION_NUMBER,
CREATED_BY,CREATION_DATE,LAST_UPDATED_BY,LAST_UPDATE_DATE,OBJECT_STATUS)
values ('${contentId2}',null,null,'star.png','image/jpeg',null,null,
null,'','Y',1,'superadmin',sysdate,'superadmin',sysdate,null);
```

```
Insert into DIGX_CM_CONTENT
(ID,PARTY_ID,DOCUMENT_CHECKLIST_ID,TITLE,MIME_TYPE,CONTENT_CATEGORY,
CONTENT_TYPE,FILE_CONTENT,CONTENT_SIZE,SHARED_FLAG,OBJECT_VERSION_NUMBER,
CREATED_BY,CREATION_DATE,LAST_UPDATED_BY,LAST_UPDATE_DATE,OBJECT_STATUS)
values ('${contentId3}',null,null,'thumbs-up.svg','image/jpeg',null,null,
null,'','Y',1,'superadmin',sysdate,'superadmin',sysdate,null);
```

“Kindly Refer this folder location for all the three icons to be used in below steps:

*[/clip/core/channel/images/feedback]”*

Update the content in digx\_fd\_scale table.

```
update digx_fd_scale set content_id='${contentId1}' where
determinant_value in ('*', 'OBDX_BU') and id='1';
update digx_fd_scale set content_id='${contentId2}' where
determinant_value in ('*', 'OBDX_BU') and id='2';
update digx_fd_scale set content_id='${contentId3}' where
determinant_value in ('*', 'OBDX_BU') and id='3';
```

- Procedure:**

create or replace procedure load\_file\_to\_content( p\_file\_path in varchar2, p\_file\_name in varchar2, p\_content\_id in varchar2 ) as

```
l_blob blob; l_file_content bfile := bfilename(p_file_path,
p_file_name);begin update DIGX_CM_CONTENT set FILE_CONTENT =
empty_blob() WHERE ID = p_content_id; SELECT FILE_CONTENT into l_blob FROM
DIGX_CM_CONTENT WHERE ID = p_content_id; dbms_lob.open(l_file_content,
dbms_lob.lob_readonly); dbms_lob.open(l_blob,
dbms_lob.lob_readwrite); dbms_lob.loadfromfile(dest_lob =>
l_blob,
```

```
src_lob => l_file_content, amount => dbms_lob.getlength(l_file_content));
dbms_lob.close(l_file_content); dbms_lob.close(l_blob); commit;end;/
```

## 1.4 Verifying DB State Before Procedure Execution

1. Login into database using schema (OBAPISCHEMA) user.
  2. Confirm data by executing below queries; before executing day1 scripts.
- **For Feedback :**

```
select file_content from DIGX_CM_CONTENT where ID IN
(
' ${contentId1} ', ' ${contentId2} ', ' ${contentId3}'
);
```

### Note

All cells should be null or with empty BLOB.

## 1.5 Executing Procedure

1. Login into database using schema user (OBAPISCHEMA).
2. Template for procedure call is as given below:
  - **For Feedback:**

```
begin
    load_file_to_content(<Variable name for File's registered path>,
    <Files' Name>,<Content ID>);
end;/
```
3. Execute commands given under column '**Proc Execution Statement**'.
  - **For Feedback Proc Execution Statement:**

| File Name      | Proc Execution Statement                                                              |
|----------------|---------------------------------------------------------------------------------------|
| Heart-fill.svg | begin load_file_to_content('CONTENT_FILES','heart-fill.svg', ' \${contentId1}');end;/ |
| Star.png       | beginload_file_to_content('CONTENT_FILES','star.png', ' \${contentId2}');end;/        |
| Thumbs-up.svg  | beginload_file_to_content('CONTENT_FILES','thumbs-up.svg ', ' \${contentId3}');end; / |

## 1.6 Verifying DB State After Procedure Execution

1. Login into database using schema user (OBAPISCHEMA).
2. Confirm date if the data is properly inserted into DB by executing below queries.

- **For Feedback**

```
select file_content from DIGX_CM_CONTENT where ID IN ( ' '${contentId1} ',  
' '${contentId2} ', ' '${contentId3} ' );
```

**Note**

All cells should contain BLOB.

## 1.7 Delete Created Directory, Variable And Procedure

1. Delete the directory variable, created in topic [Creating Global Database Variable](#) - step 2 (with sys user). drop directory CONTENT\_FILES;
2. Delete the directory, created in topic [Creating folder for holding files](#)- step 1.
3. Drop the procedure, created in topic [Creating Procedure](#).

- **For Feedback**

```
drop procedure load_file_to_content;
```

# 2

## ATM/Branch Locator

- [Maintaining Default Radius](#)

### 2.1 Maintaining Default Radius

Default Radius of ATM/Branch Search is 2.5 Kms which can be changed by updating the value of DEFAULT\_SEARCH\_RADIUS in digx\_fw\_config\_all\_b. The updated value will be in effect post server restart.

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