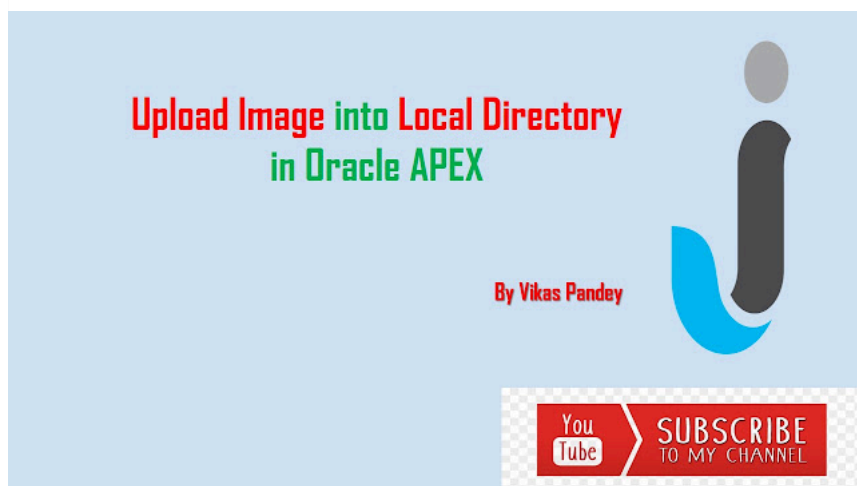




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How to Upload File to Directory in Oracle APEX - Javainhand Tutorial

Javainhand April 20, 2020

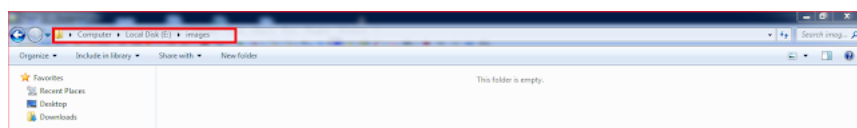


In this Oracle APEX Tutorial, I will explain to you How to Upload File to Directory in Oracle APEX.

So I have followed some steps for the oracle apex upload file into the directory.

How to Upload File to the Directory in Oracle APEX?

Step 1:- Create a Folder into your local system I have created an image folder into my E:\images. The below screenshot will help you.



Step 2: Now Open CMD and connect with sys user and run bellow script:

```
create directory upload_image_dir as 'E:\upload_images';
grant read on directory upload_image_dir to anonymous;
grant read on directory upload_image_dir to admin;
```

Step 3: Create a page item with the file browse option which will use for uploading images.

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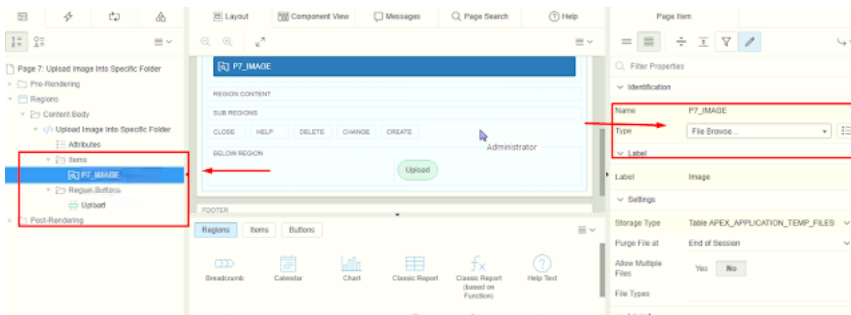
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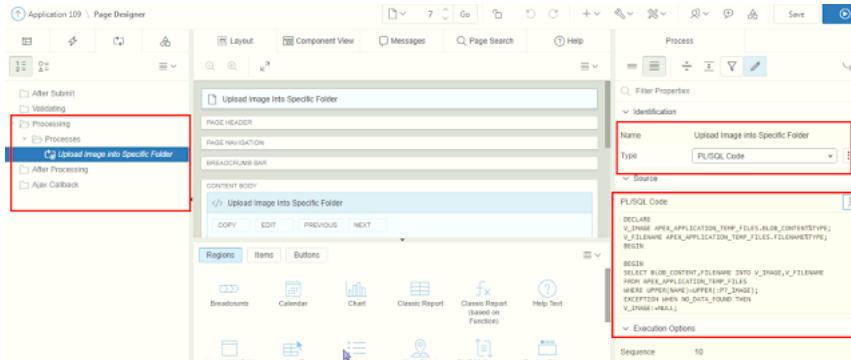
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Step 4: Create Page process for uploading the file into a directory as per the below screenshot and code:



```

DECLARE
V_IMAGE APEX_APPLICATION_TEMP_FILES.BLOB_CONTENT%TYPE;
V_FILENAME APEX_APPLICATION_TEMP_FILES.FILENAME%TYPE;
BEGIN
BEGIN
SELECT BLOB_CONTENT,FILENAME INTO V_IMAGE,V_FILENAME
FROM APEX_APPLICATION_TEMP_FILES
WHERE UPPER(NAME)=UPPER(:P7_IMAGE);
EXCEPTION WHEN NO_DATA_FOUND THEN
V_IMAGE:=NULL;
V_FILENAME:=NULL;
WHEN OTHERS THEN
V_IMAGE:=NULL;
V_FILENAME:=NULL;
END;

IF V_IMAGE IS NOT NULL AND V_FILENAME IS NOT NULL THEN
SAVEFILE(V_IMAGE,'UPLOAD_IMAGE_DIR',V_FILENAME);
ELSE
APEX_ERROR.ADD_ERROR (
p_message => 'Image Not Upload',
p_display_location => apex_error.c_inline_in_notification );
END IF;
END;

```

Note: Directory name should be in an upper case like "UPLOAD_IMAGE_DIR".

Step 5: Now finally create the database procedure for uploading a file into a local directory.

```

create or replace PROCEDURE SaveFile(
  FileContent IN OUT NOCOPY BLOB
  , FolderName IN VARCHAR2
  , FileName IN VARCHAR2)
IS
  BUFFER RAW(1024);
  OFFSET PLS_INTEGER := 1;
  FileLength PLS_INTEGER;
  amount PLS_INTEGER := 1024;
  fhandle UTL_FILE.FILE_TYPE;
BEGIN
  FileLength := DBMS_LOB.GETLENGTH(FileContent);
  fhandle := UTL_FILE.FOPEN(FolderName, FileName, 'wb');

```

```

LOOP
  EXIT WHEN OFFSET > FileLength;
  DBMS_LOB.READ(FileContent, amount, OFFSET, BUFFER);
  UTL_FILE.PUT_RAW(fhandle, BUFFER, TRUE);
  OFFSET := OFFSET + amount;
END LOOP;
UTL_FILE.FCLOSE (fhandle);
EXCEPTION
  WHEN OTHERS THEN
    IF UTL_FILE.IS_OPEN(fhandle) THEN
      UTL_FILE.FCLOSE(fhandle);
    END IF;
    RAISE;
END SaveFile;

```

Reference:- <https://stackoverflow.com/questions/53257384/how-to-save-image-in-directory-folder-in-oracle-not-blob-in-database>

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