Import Product Images Utility

Setup Guide

Document Details

Document #: 161_SG_190627

Version Release Date: August 2018

System Requirements

- CrunchTime! versions 04.40.00.00 and later
- Oracle database (64 bit)
- Python 2.7 (64bit)
- cx_Oracle
- openpyxl

Be sure to grab the latest version of this document here:

https://links.crunchtime.com/SG-ImportProductImagesUtility

OR by scanning the QR code to the left.

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Import Product Images Utility

Introduction:

'Import Product Images Utility' is a tool CrunchTime! developed to bulk import images for products and recipes. It supports these image formats:

- GIF
- JPG
- PNG
- TIFF
- BMP
- JPEG

Requirements:

Make sure the software listed below is installed and all is 64 bit before using the tool to import images.

1. It can only be run on CrunchTime! versions 04.40.00.00 and later.

2. Oracle database (64 bit)

Warning: If your Oracle is not 64 bits, you will get the following error when you run the tool:

```
H:\>imageupload.py
Traceback (most recent call last):
  File "C:\Python27\imageupload.py", line 7, in <module>
    import cx_Oracle
ImportError: DLL load failed: %1 is not a valid Win32 application.

H:\>
```

3. Python 2.7 (64bit)
   https://www.python.org/ftp/python/2.7.13/python-2.7.13.amd64.msi

4. cx_Oracle
   https://pypi.python.org/packages/c2/6a/183dd1eb94bd392f7f4ee86229d29acc86b54ca7041bce82b8b9f6cc2cc5/cx_Oracle-5.1.3-11g.win-amd64-py2.7.exe#md5=940538b99a52e414c0c100cd629fce51

5. openpyxl
   At command prompt type: `pip install openpyxl`

Note: If 'pip' Cannot be recognized when run 'pip…' at command prompt, please add environment variable: C:\Python27\Scripts

6. Pillow library
   At command prompt type: `pip install Pillow`

7. configparser library
   At command prompt type: `pip install configparser`

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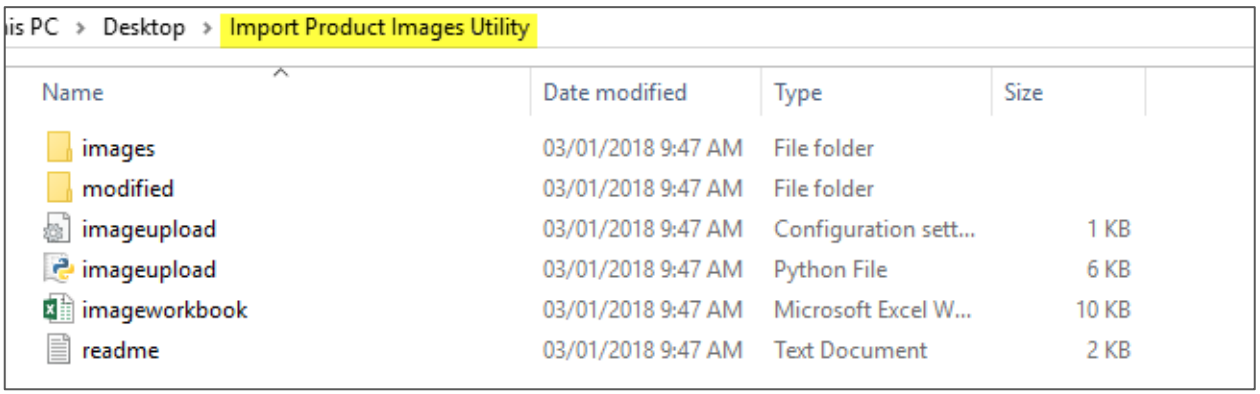
Running:

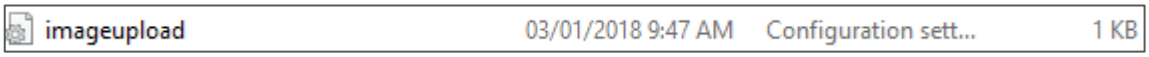
1. Download the code CrunchTime provided. After downloading *Import Product Images Utility*, check that it includes these files:



2. Put the images you want to upload in the *images* file folder:



3. Modify Imageupload.ini



[DBCONNECTION]
username - Database username
password - Database password
tnsnames - Database TNS information

[MISC]
workbook - Name of workbook
imagefld - Folder where unedited images are located
imagemod - Folder where edited images are stored
maxwidth - Maximum width of an image in pixels (Recommended not to exceed 512)
maxheigt - Maximum height of an image in pixels (Recommended not to exceed 352)

(See example on next page)

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Example of modifying imageupload.ini:

```
[DBCONNECTION]
username = CT
password = aaaaaaaa
tnsnames = (DESCRIPTION=(ADDRESS_LIST=(ADDRESS=(PROTOCOL=TCP)(Host=xxxx-dbl.net-chef.com)(Port=0000)))(CONNECT_DATA=(SERVICE_NAME=XXXX)))

[MISC]
workbook = imageworkbook.xlsx
imagefld = C:\Users\jling\Desktop\Import Product Images Utility\images\
imagemod = C:\Users\jling\Desktop\Import Product Images Utility\modified\
maxwidth = 1200.0
maxheigt = 1200.0
```

4. Fill out *imageworkbook*
   This indicates which *Product Number* is associated with each image file.

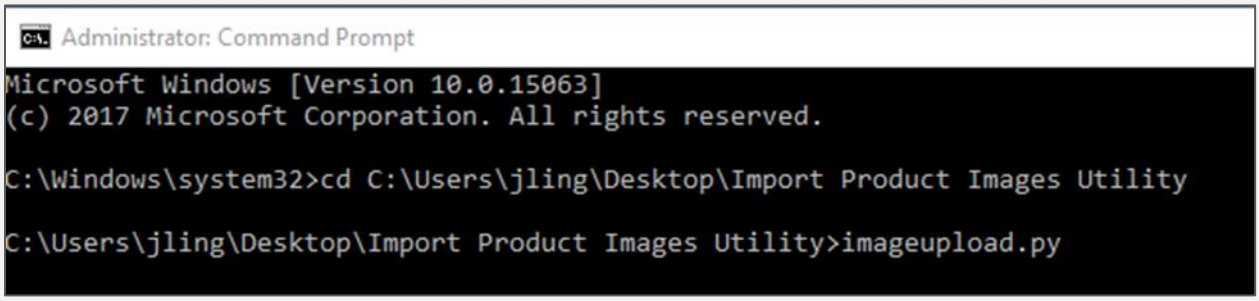


   Below is an example:

	Product Number (40)	Product Image (255)
2	R3270	485_Apple Pie.jpg
3	R3259	485_PB&J.jpg

5. Running:
   At command prompt: `python imageupload.py`
   If there are errors they will be spooled to *errors.log*

Note: If it doesn't work. Try run command prompt as administrator. Then cd to the path where you store *imageupload.py*. Then type: imageupload.py



Summary:

All required software should be 64 bit. In addition, Product Numbers and Image Names are needed in order to bulk import images for product or recipe.

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