

Bulk Download Instructions for using Python Script Supplied in Vertex

Implemented in Vertex, https://vertex.daac.asf.alaska.edu/

Note: See Appendix for instructions on installing Python

Purpose:

This script allows users to download multiple data products from Vertex regardless of the browser they use, by running a script pre-loaded with the data they have put in the Vertex Download Queue.

Requirements for use:

- Earthdata login credentials
- Mac, Windows, or Linux
- Python installed
 - Python comes with Mac OS X
 - To upgrade to the most current version
 - <u>https://www.python.org/downloads/</u>
 - o See installation tips below
 - Windows users will have to download and install it.
 - https://www.python.org/downloads/windows/
 - See installation tips below

Steps

1. Get the script

Once you have items you want to download in your download queue, click the **<Download Python Script(.py)**> button.

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Chrome users will have to click the **Keep**> button found at the bottom of the browser window when prompted.



2. Run the script

a. Open a Terminal window (Mac) or a Command window (Windows).

For Windows 7

• Click the Start Menu button in the bottom left corner of the screen



• Type cmd in the "Search programs and files" box and <Enter>



• Command line window and prompt



For Windows 10

• Click on the Start menu button (Windows icon in the Task Bar) and type cmd

For Mac OS X

- Click on the Finder icon in the toolbar
- Highlight "Applications" in the Favorites list
- Type Terminal in the Search box
- Double-click to open
- b. Navigate to the directory the script downloaded to (usually your Downloads directory or folder) using the "change directory" (cd) command. More information on using this command can be viewed <u>HERE</u>.
- c. At the prompt, type the following command and <Enter>:

python name of the file you downloaded from Vertex

For example, python download-all-2016-12-15_11-16-27.py

- d. You will be prompted for your Earthdata login credentials unless you are already logged in to Vertex.
- e. Download will begin.

Note: Files will be downloaded into the directory where you run the script.

Appendix Instructions for Installing Python

Installing Python for Mac OS X

 Go to <u>https://www.python.org/downloads/</u> and click on the <Download Python 3.5.2> button

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- 2. Open the downloaded file (*.pkg)
- 3. The Python Installer window opens. Click <**Continue**>



4. Click <Continue>



5. Click <Continue>

	Software License Agreement	
Introduction Resd Mc License Control of the contr	HISTORY AND LICENSE HISTORY OF THE SOFTWARE Python was created in the early 1990s by Guido van Rossum at Sichting Mathematisch Centrum (CWI, see http://www.cwi.nl) in the Notherlands as a successor of a language called ABC. Guido remains python's principal author, athough it includes many contributions from others. In 1995, Guido continued his work on Python at the Corporation for National Research initiatives (CNRI, see http://www.cmi.reston va.us) in Reston, Virginia where he released several versions of the actimate. In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen Python-Labs team. In October of the Software Foundation (PSF) see http://www.stpic.com/s.in/jw was formed, a non-profit organization created specifically to cwn Python- related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.	-

6. Click < Agree > to agree to the license agreement



7. Click <Continue>



8. Click <Install>



9. If prompted, enter your username and password to allow the installation to proceed

10. Installation begins

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11. Installation is complete

	🤪 Install Python
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Installing Python for Windows

1. Go to https://www.python.org/downloads/release/python-352/



- 2. Download the appropriate Windows executable installer file
 - a. Windows x86-64 for a 64-bit operating system
 - b. Windows x86 for a 32-bit operating system

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Mac OS X 32-bit 1386/PPC installer	Mac OS X	for Nac OS X 10.5 and later	5ae81eea42bb6758b6d775ebcaf32eda	262503
Mac OS X 64-bit/32-bit installer	Mac OS X	for Mac OS X 10.6 and later	11a9f4fc3f6b93e3ffb26c383822a272	245668
Windows help file	Windows		24b95be314f7bad1cc5361ae449adc3d	777783
Windows x86-64 embeddable zip file	Windows	for AMD64/EM64T/x64, not Itanium processors	f1c24bb78bd6dd792a73d5ebfbd3b20e	686220
Windows x86-64 executable installer	Windows	for AMD64/EM64T/x64, not Itanium processors	4da6dbc8e43e2249a0892d257e977291	301771
Windows x86-64 web-based installer	Windows	for AMD64/EM64T/x64, not Itanium processors	c35b6526761a9cde4b6dccab4a3d7c60	970224
Windows x86 embeddable zip file	Windows		ad637a1db7cf91e344318d55c94ad3ca	604872
Windows x86 executable installer	Windows		2ddf428fd8b9c063ba05b5a0c8636c37	292696
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- 3. Open the downloaded file
- 4. In the **Install Python 2.5.2** window, make sure the "*Install launcher for all users*" and "*Add Python 3.5 to PATH*" boxes are checked. Click on "**Install Now**"

Python 3.5.2 (64-bit) Setup	
	Install Python 3.5.2 (64-bit)
-	Select Install Now to install Python with default settings, or choose Customize to enable or disable features.
4	Install Now C/Umitwebuse/AppDate/Local/Program//lython/Python35
-	Includes (DLE, pip and documentation Creates shortcuts and file associations
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python	
windows	instal joundher for all users (recommended) Add Eython 3.5 to PATH Cancel

- 5. If prompted, allow changes to be made to the computer
- 6. Installation begins



7. Installation is complete

