Python® Installation

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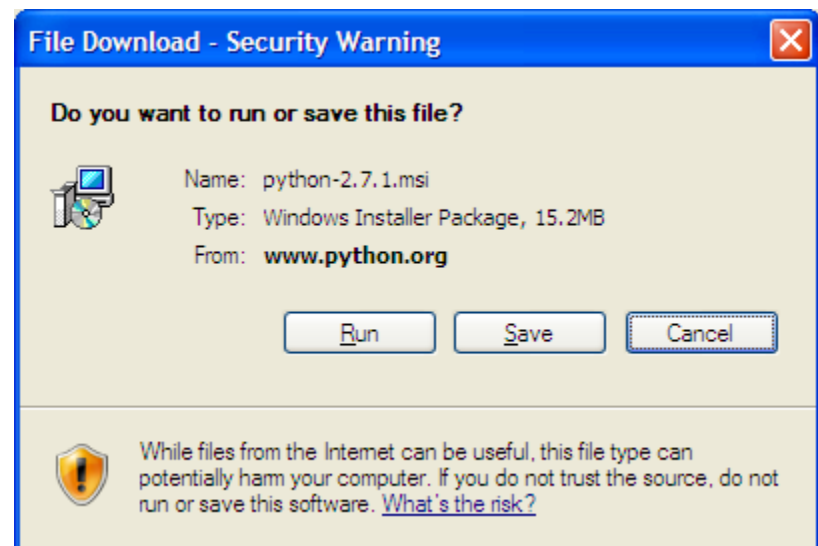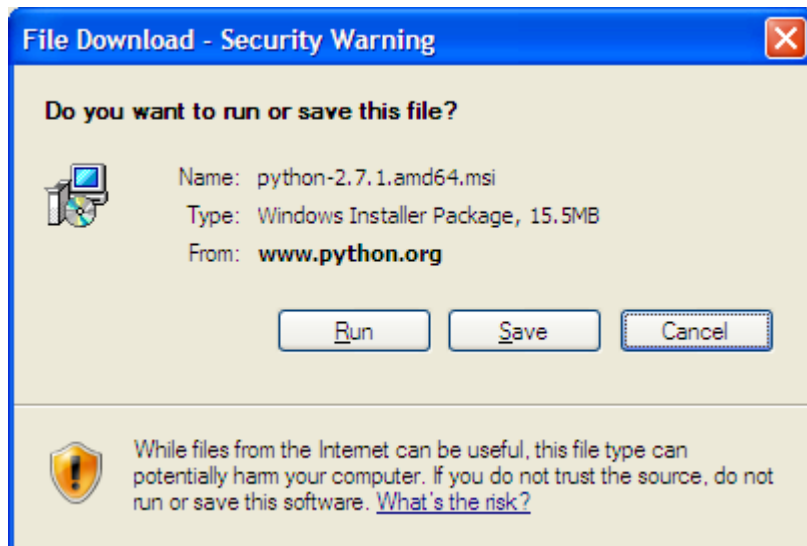# Python version selection (Dec. 2010) – http://www.python.org/download/

- Production versions of Python include: [Python 2.7.1](#) and [Python 3.1.3](#).
- For learning Python, start with either version since these are deemed stable production releases.
  - If you are uncertain which version is a better fit to your needs, begin with Python 2.7 since at this time, more existing third party software is compatible with Python 2 than Python 3.
- For the MD5 checksums and OpenPGP signatures, look at the [detailed Python 2.7.1](#) page:
- [Python 2.7.1 Windows installer](#) (Windows binary -- does not include source)
- [Python 2.7.1 Windows X86-64 installer](#) (Windows AMD64 / Intel 64 / X86-64 binary [1] -- does not include source)
- [Python 2.7.1 compressed source tarball](#) (for Linux, Unix or OS X)
- [Python 2.7.1 bzipped source tarball](#) (for Linux, Unix or OS X, more compressed).
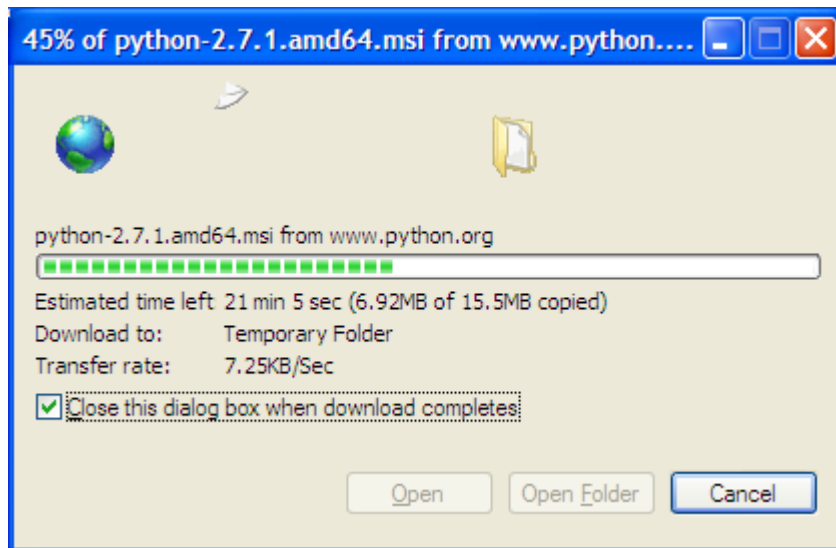
Installing Python – http://www.python.org/download/

- 64 bit installation example –
  - Windows AMD64 / Intel 64 / X86-64 binary

- 32 bit (or 16 bit?) installation example –
  - Windows binary

File Download - Security Warning

Do you want to run or save this file?

Name: python-2.7.1.amd64.msi
Type: Windows Installer Package, 15.5MB
From: www.python.org

[Run] [Save] [Cancel]

While files from the Internet can be useful, this file type can potentially harm your computer. If you do not trust the source, do not run or save this software. What's the risk?

File Download - Security Warning

Do you want to run or save this file?

Name: python-2.7.1.msi
Type: Windows Installer Package, 15.2MB
From: www.python.org

[Run] [Save] [Cancel]

While files from the Internet can be useful, this file type can potentially harm your computer. If you do not trust the source, do not run or save this software. What's the risk?
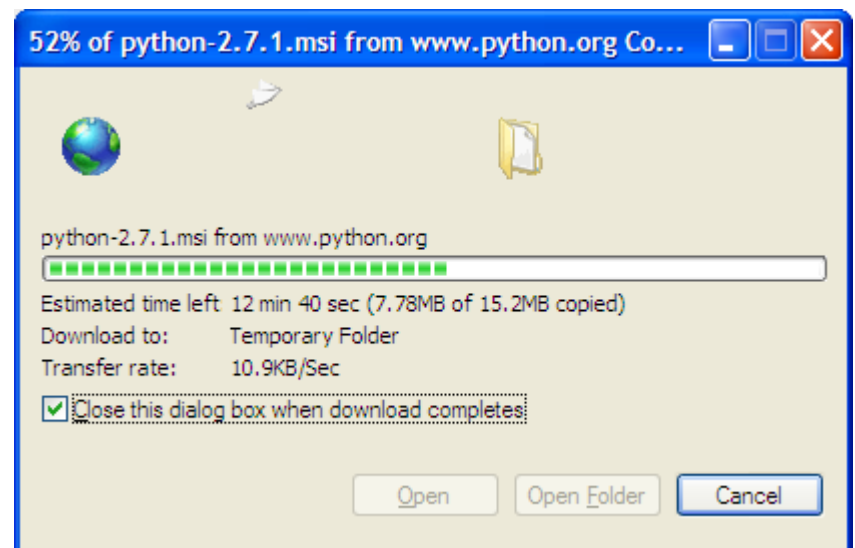
Installing Python –

- 64 bit installation example:
  - Note transfer rate and estimated time left!

- 32 bit installation example:
  - Note transfer rate and estimated time left!

45% of python-2.7.1.amd64.msi from www.python....

python-2.7.1.amd64.msi from www.python.org
Estimated time left 21 min 5 sec (6.92MB of 15.5MB copied)
Download to: Temporary Folder
Transfer rate: 7.25KB/Sec
☑ Close this dialog box when download completes
Open   Open Folder   Cancel

52% of python-2.7.1.msi from www.python.org Co...

python-2.7.1.msi from www.python.org
Estimated time left 12 min 40 sec (7.78MB of 15.2MB copied)
Download to: Temporary Folder
Transfer rate: 10.9KB/Sec
☑ Close this dialog box when download completes
Open   Open Folder   Cancel

Installing Python –

- 64 bit installation example:
  - Select "Run" or "More options"

- 32 bit installation example:
 - Select "Run" or "More options"
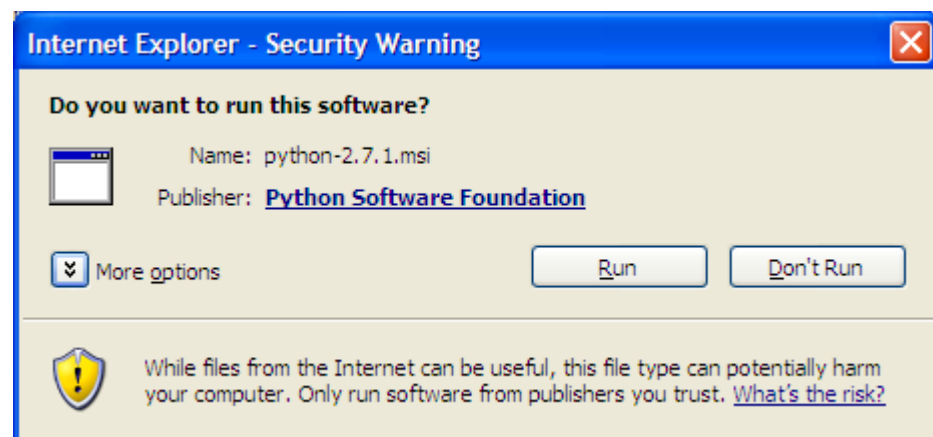
Installing Python –

- 64 bit installation example:
  - Select "Run" if you want to install Python.

- 32 bit installation example:
  - Select "Run" if you want to install Python.

Example – failed installation

- Trying to install the 64-bit version of Python onto a computer with a 32-bit microprocessor will fail:
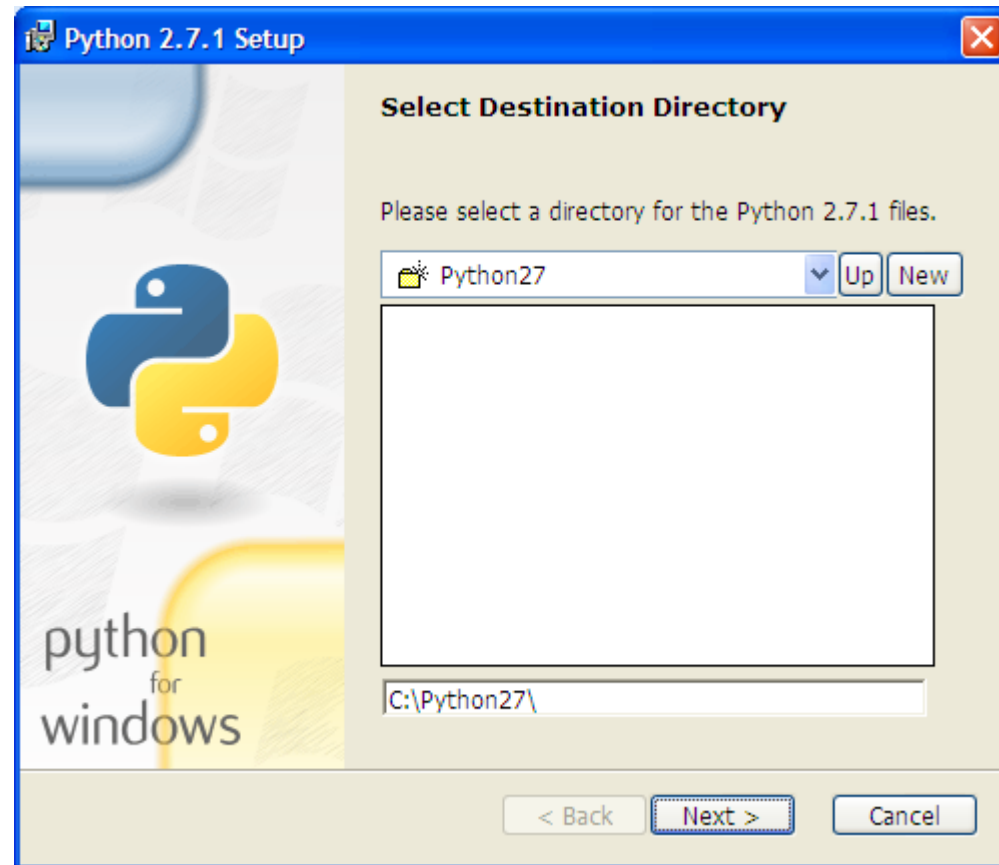 - <u>AFTER</u> the lengthy file download, this warning will popup –
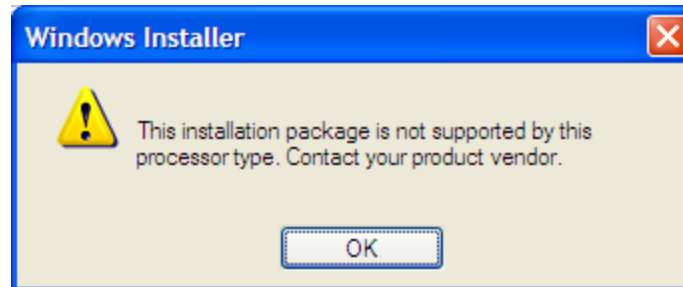
Python 2.7.1 Setup

- Select whether to install Python for all, or for one, computer user.

Python 2.7.1 Setup – Directory
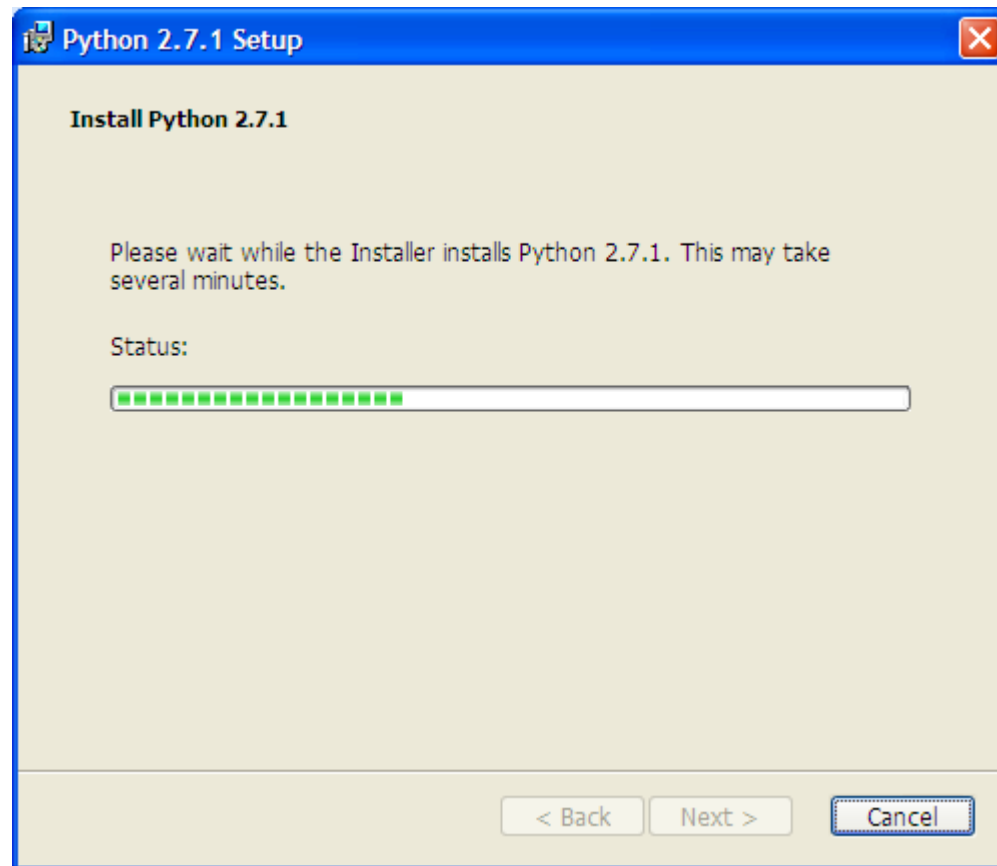
- Select a destination directory.

Python 2.7.1 Setup – Customize …

- Select the way you want features to be installed.
    - Note space requirements!
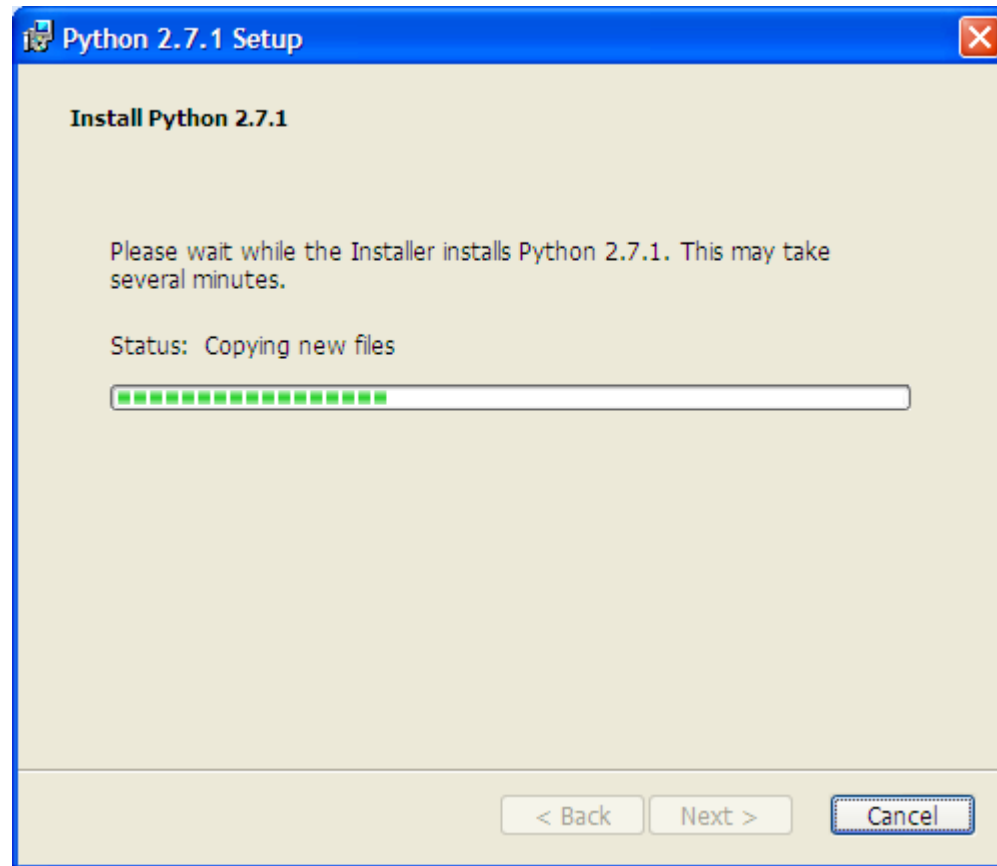- Tip – after installation, navigate to folders to view files.

Python 2.7.1 Setup – Python Installer

- The automated Python Installer indicates:
  - Status
  - Progress

Python 2.7.1 Setup – Python Installer (Example)

- The automated Python Installer indicates:
  - Status: Copying new files
  - Progress

Python 2.7.1 Setup – Completing the Python 2.7.1 Installer

- Python installed for Windows instead of DOS.

- Click "Finish"

- "THE END"
  - What's next?
  - Is a next training module available?

A later module is on: "Python 2.7.1 – Documentation, Startup, and Math"

- Navigate to Python and select: "**Python Manuals**"

- For possible future use, please notice Python's removal feature: