



MINICURSO PYTHON – SASI - 2014

PROF. EDKALLENN LIMA

BACHAREL EM SISTEMAS DE INFORMAÇÃO (UFAC)

ESPECIALISTA EM DESENVOLVIMENTO WEB E COMPUTAÇÃO FORENSE.

Minicurso de Python – para programadores

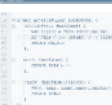
- Prof. Edkallenn Lima
- edkallenn@yahoo.com.br (somente para dúvidas)
- Blogs:
 - <http://professored.wordpress.com> (Computador de Papel – O conteúdo da forma)
 - <http://professored.tumblr.com/> (Pensamentos Incompletos)
 - <http://umcientistaporquinzena.tumblr.com/> (Um cientista por quinzena)
 - <http://eulinoslivros.tumblr.com/> (Eu Li nos Livros)
 - <http://linabiblia.tumblr.com/> (Eu Li na Bíblia)
- Redes Sociais:
 - <http://www.facebook.com/edkallenn>
 - <http://twitter.com/edkallenn>
 - <https://medium.com/@edkallenn>
 - Pinterest: <https://www.pinterest.com/edkallenn/>
 - Instagram: <http://instagram.com/edkallenn> ou [@edkallenn](http://instagram.com/@edkallenn)
 - LinkedIn: br.linkedin.com/in/Edkallenn
 - Foursquare: <https://pt.foursquare.com/edkallenn>
- Telefones:
 - 68 8401-2103 (VIVO) e 68 3212-1211.
- Os exercícios devem ser enviados SEMPRE para o e-mail: edkevan@gmail.com ou para o e-mail: edkallenn.lima@uninorteac.com.br



Agenda

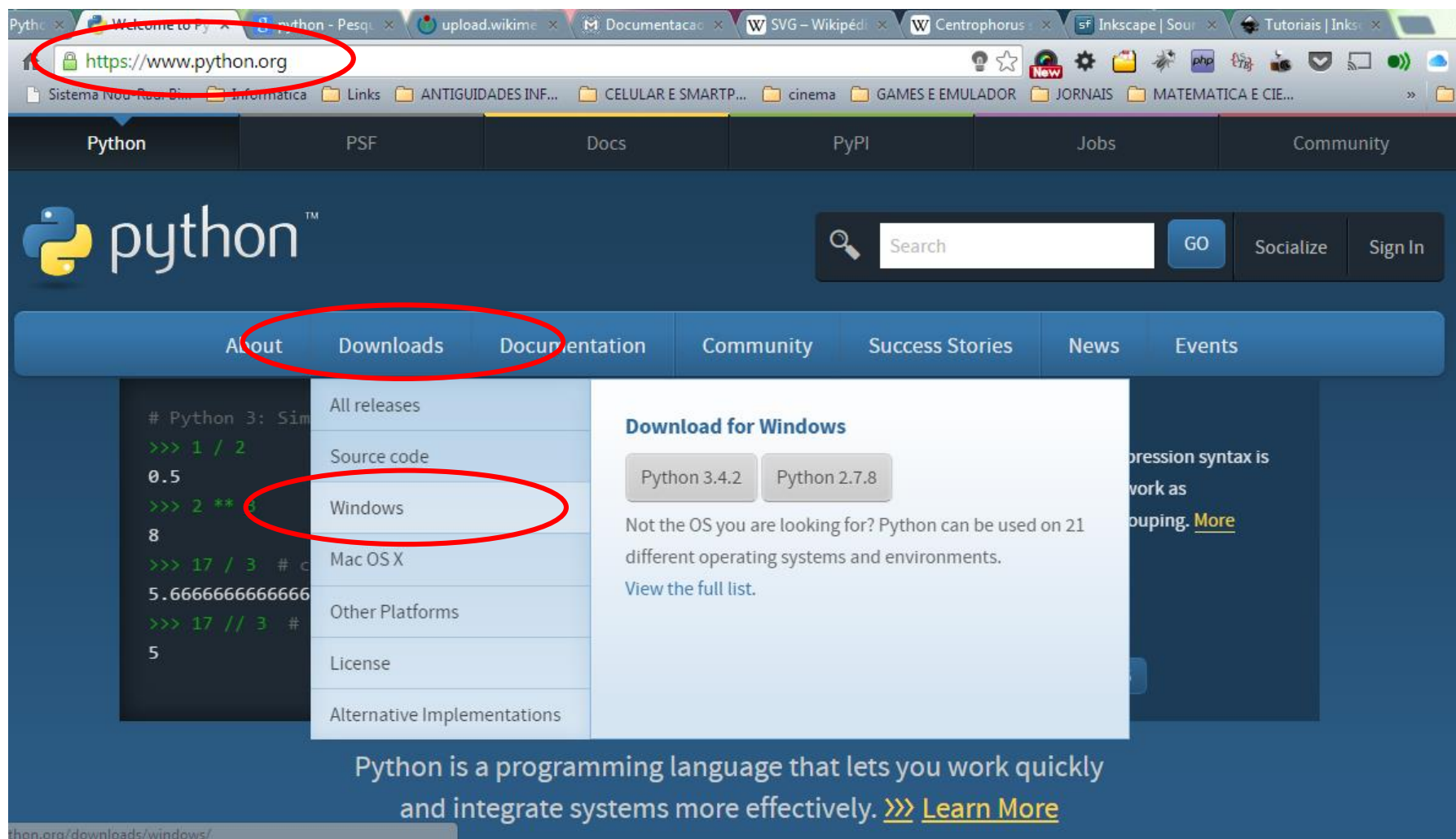


C# Java
C/C++ Python
PHP



- ❑ Instalando em Ambiente Windows
- ❑ Testando a Instalação
- ❑ Instalando em Linux
- ❑ Abrindo em modo iterativo
- ❑ Testando...

Instalando em ambiente Windows



The screenshot shows the Python.org website. The browser's address bar displays <https://www.python.org>, which is circled in red. The website's navigation bar includes links for Python, PSF, Docs, PyPI, Jobs, and Community. Below this, a secondary navigation bar contains links for About, Downloads, Documentation, Community, Success Stories, News, and Events. The 'Downloads' link is circled in red, and a dropdown menu is visible with options: All releases, Source code, Windows (circled in red), Mac OS X, Other Platforms, License, and Alternative Implementations. To the right, the 'Download for Windows' section features buttons for 'Python 3.4.2' and 'Python 2.7.8'. Below these buttons, text states: 'Not the OS you are looking for? Python can be used on 21 different operating systems and environments. View the full list.' At the bottom of the page, a banner reads: 'Python is a programming language that lets you work quickly and integrate systems more effectively. >>> [Learn More](#)'.



Search

About

Downloads

Documentation

Community

Success Stories

Python >>> Downloads >>> Windows

Python Releases for Windows

- [Latest Python 2 Release - Python 2.7.8](#)
- [Latest Python 3 Release - Python 3.4.2](#)
- [Python 3.4.2 - 2014-10-13](#)
 - Download [Windows x86 MSI installer](#)
 - Download [Windows x86-64 MSI installer](#)
 - Download [Windows help file](#)

<https://www.python.org/ftp/python/3.4.2/python-3.4.2.msi> [64-bit binaries](#)

« Sistema (C:) » Usuários » Administrador » Downloads » Pesquisar Downloads

Organizar ▾ Instalar ▾ Compartilhar com ▾ Nova pasta

★ Favoritos

- Área de Trabalho
- Downloads
- Locais
- Dropbox
- OneDrive
- Google Drive

Bibliotecas

- Apps
- Documentos
- Imagens
- Músicas
- Vídeos

Grupo doméstico

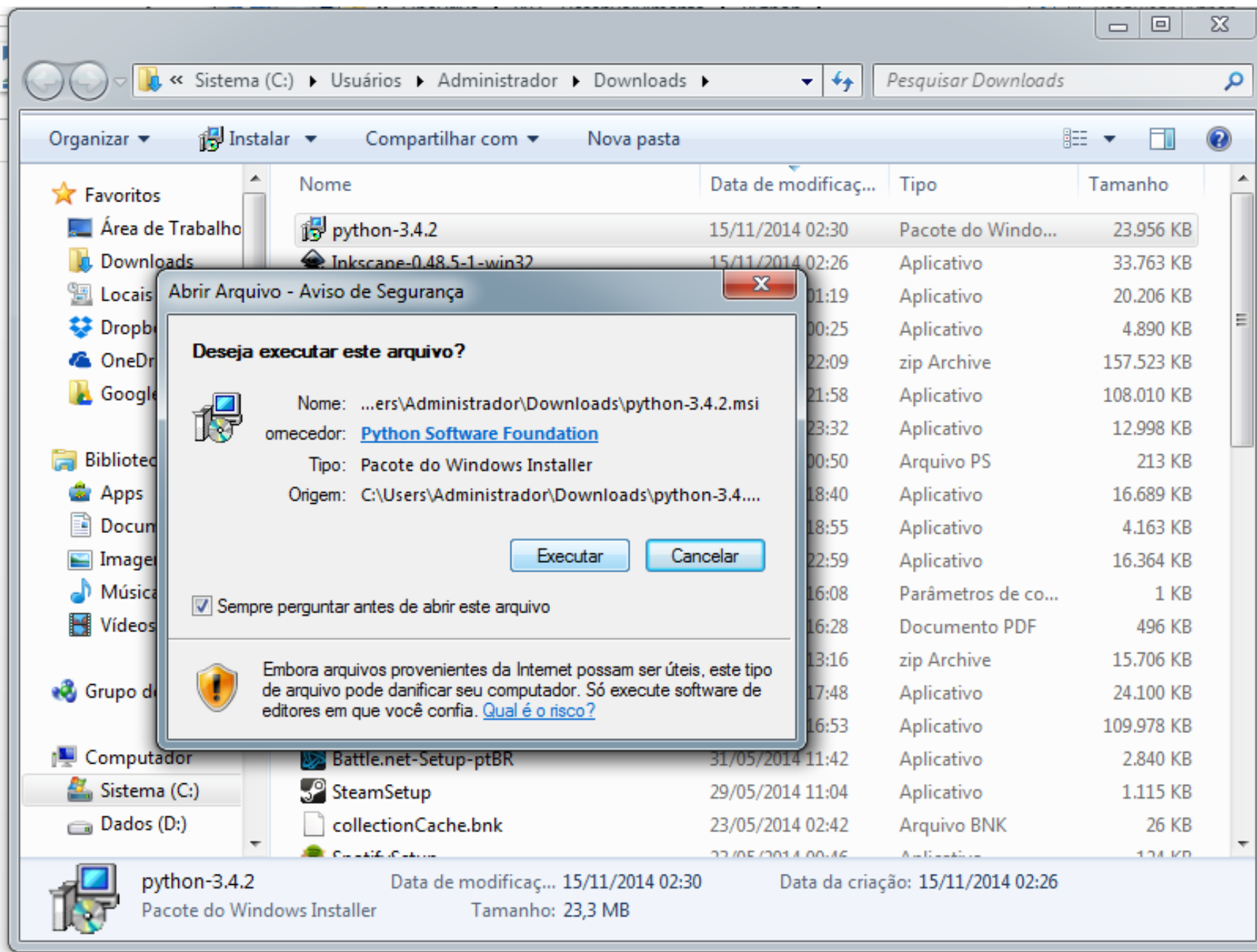
Computador

- Sistema (C:)
- Dados (D:)

Nome	Data de modificaç...	Tipo	Tamanho
python-3.4.2	15/11/2014 02:30	Pacote do Windo...	23.956 KB
Inkscape-0.48.5-1-win22	15/11/2014 02:26	Aplicativo	33.763 KB
Splashtop_Stream	15/11/2014 02:09	Aplicativo	20.206 KB
avast_free_antivi	15/11/2014 02:05	Aplicativo	4.890 KB
eclipse-java-luna	15/11/2014 02:09	zip Archive	157.523 KB
VirtualBox-4.3.18	15/11/2014 02:08	Aplicativo	108.010 KB
BlueStacks-SplitInstaller_native_b	07/10/2014 23:32	Aplicativo	12.998 KB
aula3.ps	17/09/2014 00:50	Arquivo PS	213 KB
aTubeCatcher (1)	15/09/2014 18:40	Aplicativo	16.689 KB
SumatraPDF-2.5.2-install	28/08/2014 18:55	Aplicativo	4.163 KB
TreeSizeProfessional-x86-Demo	15/08/2014 22:59	Aplicativo	16.364 KB
desktop	14/08/2014 16:08	Parâmetros de co...	1 KB
fatura_vivo_0614	19/06/2014 16:28	Documento PDF	496 KB
Rock_n_Roll_Racing	02/06/2014 13:16	zip Archive	15.706 KB
vlc-2.1.3-win32	31/05/2014 17:48	Aplicativo	24.100 KB
iTunes64Setup	31/05/2014 16:53	Aplicativo	109.978 KB
Battle.net-Setup-ptBR	31/05/2014 11:42	Aplicativo	2.840 KB
SteamSetup	29/05/2014 11:04	Aplicativo	1.115 KB
collectionCache.bnk	23/05/2014 02:42	Arquivo BNK	26 KB
Snagit-Setup	22/05/2014 00:46	Aplicativo	124 KB

python-3.4.2 Data de modificaç... 15/11/2014 02:30 Data da criação: 15/11/2014 02:26
Pacote do Windows Installer Tamanho: 23,3 MB

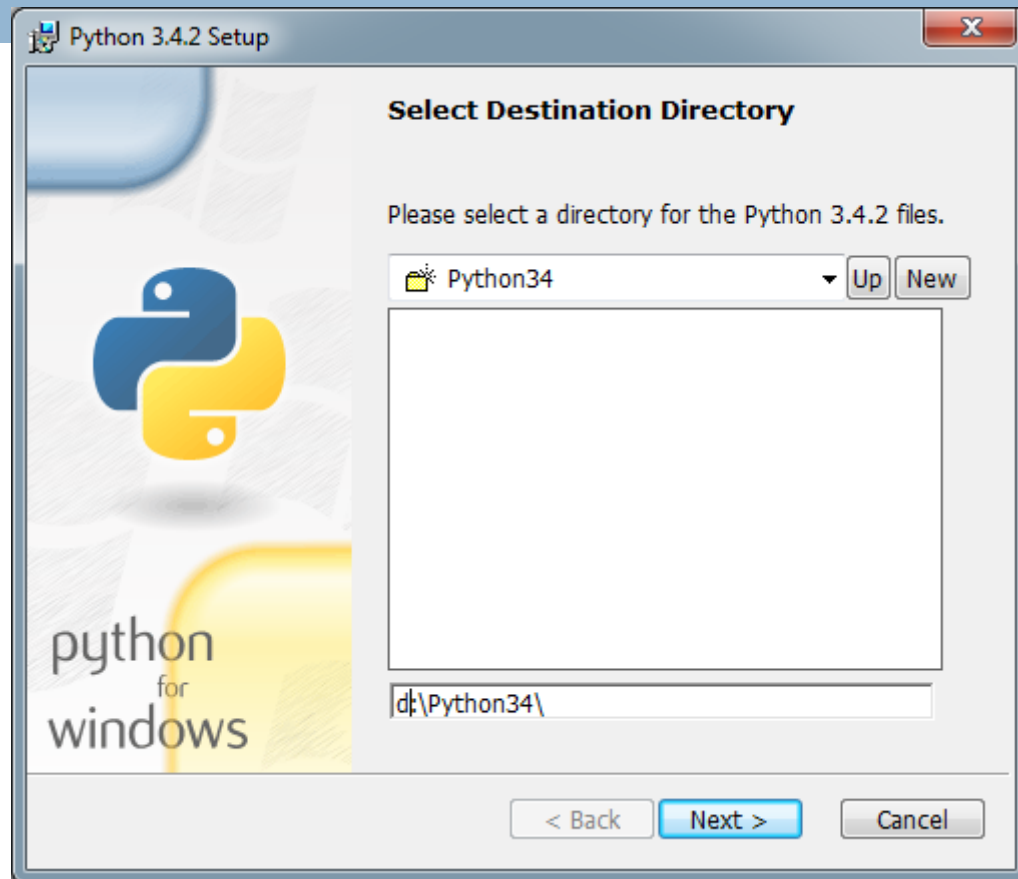
Tipo de item: Pacote do Windows Installer
Autores: Python Software Foundation
Título: Installation Database
Assunto: Python 3.4.2
Data de modificação: 15/11/2014 02:30
Tamanho: 23,3 MB



Instalação Python - Windows



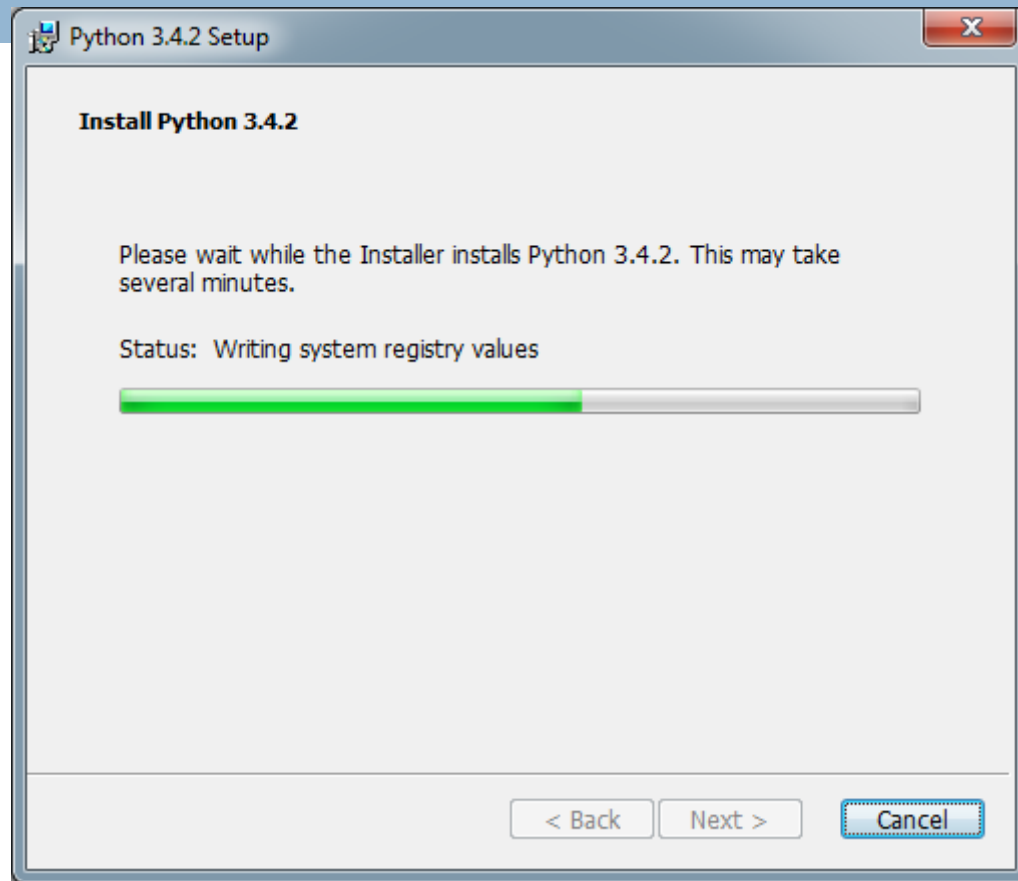
Instalação Python - Windows



Instalação Python - Windows



Instalação Python - Windows



Instalação Python - Windows



Instalação Python – Windows – Testando a instalação

C# Java
C/C++ Python
PHP



```

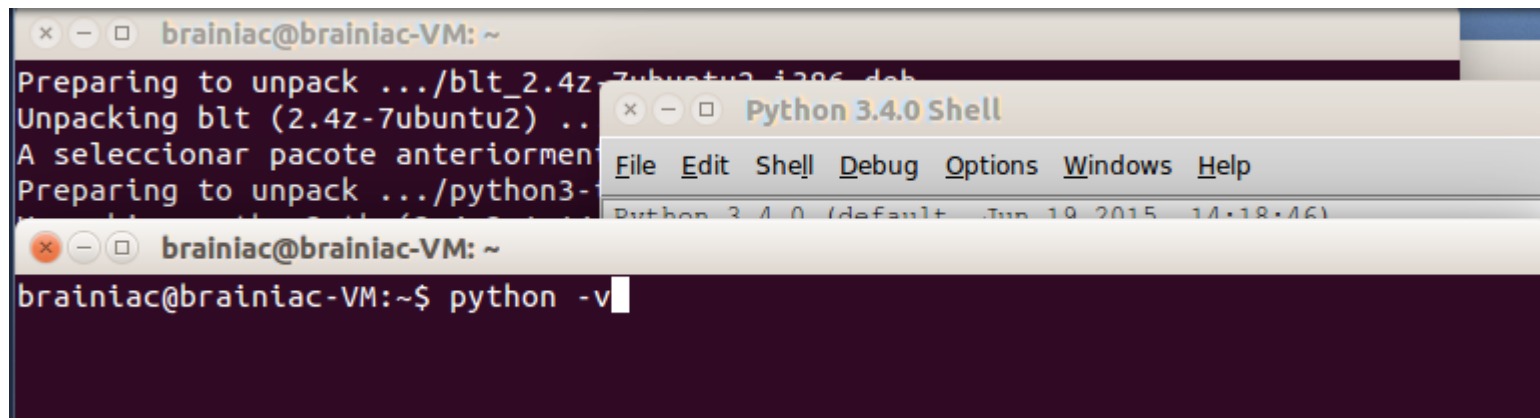
Administrator: C:\Windows\system32\cmd.exe - py
Microsoft Windows [versão 6.1.7601]
Copyright (c) 2009 Microsoft Corporation. Todos os direitos reservados.

C:\Users\Administrador>py
Python 3.4.2 (v3.4.2:ab2c023a9432, Oct 6 2014, 22:15:05) [MSC v.1600 32 bit (Intel)] on win32
Type "help", "copyright", "credits" or "license" for more information.
>>> _
  
```



Instalando em Linux(ubuntu)

- A grande maioria das **distribuições Linux** existentes hoje já **disponibilizam o interpretador Python pré-instalado** ou pacotes binários que podem ser facilmente instalados.
- Para verificar, abra seu terminal e digite: **python -v**



```

brainiac@brainiac-VM: ~
Preparing to unpack .../blt_2.4z-7ubuntu2_i386.deb
Unpacking blt (2.4z-7ubuntu2) ..
A seleccionar pacote anteriormente
Preparing to unpack .../python3-
Python 3.4.0 Shell
File Edit Shell Debug Options Windows Help
Python 3.4.0 (default) Jun 19 2015 14:18:46
brainiac@brainiac-VM: ~
brainiac@brainiac-VM:~$ python -v
  
```


C# Java
C/C++ Python
PHP



brainiac@brainiac-VM: ~

```
# /usr/lib/python2.7/sysconfig.pyc matches /usr/lib/python2.7/sysconfig.py
import sysconfig # precompiled from /usr/lib/python2.7/sysconfig.pyc
# /usr/lib/python2.7/re.pyc matches /usr/lib/python2.7/re.py
import re # precompiled from /usr/lib/python2.7/re.pyc
# /usr/lib/python2.7/sre_compile.pyc matches /usr/lib/python2.7/sre_compile.py
import sre_compile # precompiled from /usr/lib/python2.7/sre_compile.pyc
import _sre # builtin
# /usr/lib/python2.7/sre_parse.pyc matches /usr/lib/python2.7/sre_parse.py
import sre_parse # precompiled from /usr/lib/python2.7/sre_parse.pyc
# /usr/lib/python2.7/sre_constants.pyc matches /usr/lib/python2.7/sre_constants.py
import sre_constants # precompiled from /usr/lib/python2.7/sre_constants.pyc
# /usr/lib/python2.7/_sysconfigdata.pyc matches /usr/lib/python2.7/_sysconfigdata.py
import _sysconfigdata # precompiled from /usr/lib/python2.7/_sysconfigdata.pyc
# /usr/lib/python2.7/plat-i386-linux-gnu/_sysconfigdata_nd.pyc matches /usr/lib/pyth
n2.7/plat-i386-linux-gnu/_sysconfigdata_nd.py
import _sysconfigdata_nd # precompiled from /usr/lib/python2.7/plat-i386-linux-gnu/_
ysconfigdata_nd.pyc
# /usr/lib/python2.7/sitecustomize.pyc matches /usr/lib/python2.7/sitecustomize.py
import sitecustomize # precompiled from /usr/lib/python2.7/sitecustomize.pyc
import encodings # directory /usr/lib/python2.7/encodings
# /usr/lib/python2.7/encodings/__init__.pyc matches /usr/lib/python2.7/encodings/__i
it__.py
import encodings # precompiled from /usr/lib/python2.7/encodings/__init__.pyc
# /usr/lib/python2.7/codecs.pyc matches /usr/lib/python2.7/codecs.py
import codecs # precompiled from /usr/lib/python2.7/codecs.pyc
import _codecs # builtin
# /usr/lib/python2.7/encodings/aliases.pyc matches /usr/lib/python2.7/encodings/alia
es.py
import encodings.aliases # precompiled from /usr/lib/python2.7/encodings/aliases.pyc
# /usr/lib/python2.7/encodings/utf_8.pyc matches /usr/lib/python2.7/encodings/utf_8.
y
import encodings.utf_8 # precompiled from /usr/lib/python2.7/encodings/utf_8.pyc
Python 2.7.6 (default, Jun 22 2015, 18:00:18)
[GCC 4.8.2] on linux2
Type "help", "copyright", "credits" or "license" for more information.
dlopen("/usr/lib/python2.7/lib-dynload/readline.i386-linux-gnu.so", 2);
import readline # dynamically loaded from /usr/lib/python2.7/lib-dynload/readline.i3
6-linux-gnu.so
>>> █
```

nation.

ay to do it.
ce Dutch.

d idea.
those!

Abrindo o modo interativo...

```
ed1rac@ed1rac-VirtualBox:/$ python
Python 2.7.3 (default, Apr 10 2013, 05:46:21)
[GCC 4.6.3] on linux2
Type "help", "copyright", "credits" or "license" for more information.
>>>
```

C# Java
C/C++ Python
PHP



Testando...

C# Java
C/C++ Python
PHP



Terminal

```
brainiac@brainiac-VM: ~
brainiac@brainiac-VM:~$ python3.3
Python 3.3.0 (default, May 16 2016, 18:16:56)
[GCC 4.8.4] on linux
Type "help", "copyright", "credits" or "license" for more information.
>>> 2*0.5
1.4142135623730951
>>> 
```

Perguntas e Discussão

