Django Application with framework::

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hdadmin@mca45:~$ django-admin- startproject demo

Command 'django-admin-' not found, did you mean:

command 'django-admin' from deb python-django-common

Try: sudo apt install <deb name>

hdadmin@mca45:~$ update-alternatives –install /usr/bin/python python /usr/bin/python3 6

update-alternatives: error: unknown argument '–install'

hdadmin@mca45:~$ python –version

python: can't open file '–version': [Errno 2] No such file or directory

hdadmin@mca45:~$ sudo apt install python3-pip -y

[sudo] password for hdadmin:

Reading package lists... Done

Building dependency tree

Reading state information... Done

python3-pip is already the newest version (9.0.1-2.3~ubuntu1).

0 upgraded, 0 newly installed, 0 to remove and 122 not upgraded.

hdadmin@mca45:~$ sudo apt-get install python3-django

Reading package lists... Done

Building dependency tree

Reading state information... Done

The following additional packages will be installed:

javascript-common libjs-jquery python-django-common python3-sqlparse

Suggested packages:

apache2 | lighttpd | httpd bpython3 geoip-database-contrib ipython3 libgdal1

python-django-doc python3-bcrypt python3-flup python3-memcache

python3-psycopg2 python3-pymysql python3-sqlite python-sqlparse-doc

The following NEW packages will be installed:

javascript-common libjs-jquery python-django-common python3-django

python3-sqlparse

0 upgraded, 5 newly installed, 0 to remove and 122 not upgraded.

Need to get 2,606 kB of archives.

After this operation, 27.2 MB of additional disk space will be used.

Do you want to continue? [Y/n] Y

Get:1 http://in.archive.ubuntu.com/ubuntu bionic-updates/main amd64 python-django-common all 1:1.11.11-1ubuntu1.1 [1,521 kB]

Get:2 http://in.archive.ubuntu.com/ubuntu bionic-updates/main amd64 python3-django all 1:1.11.11-1ubuntu1.1 [899 kB]

Get:3 http://in.archive.ubuntu.com/ubuntu bionic/main amd64 javascript-common all 11 [6,066 B]

Get:4 http://in.archive.ubuntu.com/ubuntu bionic/main amd64 libjs-jquery all 3.2.1-1 [152 kB]

Get:5 http://in.archive.ubuntu.com/ubuntu bionic/main amd64 python3-sqlparse all 0.2.4-0.1 [28.1 kB]

Fetched 2,606 kB in 14s (180 kB/s)

Selecting previously unselected package python-django-common.

(Reading database ... 173558 files and directories currently installed.)

Preparing to unpack .../python-django-common\_1%3a1.11.11-1ubuntu1.1\_all.deb ...

Unpacking python-django-common (1:1.11.11-1ubuntu1.1) ...

Selecting previously unselected package python3-django.

Preparing to unpack .../python3-django\_1%3a1.11.11-1ubuntu1.1\_all.deb ...

Unpacking python3-django (1:1.11.11-1ubuntu1.1) ...

Selecting previously unselected package javascript-common.

Preparing to unpack .../javascript-common\_11\_all.deb ...

Unpacking javascript-common (11) ...

Selecting previously unselected package libjs-jquery.

Preparing to unpack .../libjs-jquery\_3.2.1-1\_all.deb ...

Unpacking libjs-jquery (3.2.1-1) ...

Selecting previously unselected package python3-sqlparse.

Preparing to unpack .../python3-sqlparse\_0.2.4-0.1\_all.deb ...

Unpacking python3-sqlparse (0.2.4-0.1) ...

Setting up libjs-jquery (3.2.1-1) ...

Setting up python3-sqlparse (0.2.4-0.1) ...

Processing triggers for man-db (2.8.3-2) ...

Setting up javascript-common (11) ...

Setting up python-django-common (1:1.11.11-1ubuntu1.1) ...

Setting up python3-django (1:1.11.11-1ubuntu1.1) ...

hdadmin@mca45:~$ pip install Django

Collecting Django

Downloading https://files.pythonhosted.org/packages/44/e7/872bbf76aa16b7a061698d75325dac023285db33db4bda8ba8fe5d3bb356/Django-1.11.16-py2.py3-none-any.whl (7.0MB)

100% |████████████████████████████████| 7.0MB 178kB/s

Collecting pytz (from Django)

Downloading https://files.pythonhosted.org/packages/f8/0e/2365ddc010afb3d79147f1dd544e5ee24bf4ece58ab99b16fbb465ce6dc0/pytz-2018.7-py2.py3-none-any.whl (506kB)

100% |████████████████████████████████| 512kB 909kB/s

Installing collected packages: pytz, Django

Successfully installed Django-1.11.16 pytz-2018.7

hdadmin@mca45:~$ python --version

Python 2.7.15rc1

hdadmin@mca45:~$ python -version

Unknown option: -e

usage: python [option] ... [-c cmd | -m mod | file | -] [arg] ...

Try `python -h' for more information.

hdadmin@mca45:~$ python --version

Python 2.7.15rc1

hdadmin@mca45:~$ django-admin –version

No Django settings specified.

Unknown command: '–version'

Type 'django-admin help' for usage.

hdadmin@mca45:~$ django-admin --version

1.11.11

hdadmin@mca45:~$ update-alternatives –install /usr/bin/python python /usr/bin/python3 6

update-alternatives: error: unknown argument '–install'

hdadmin@mca45:~$ update-alternatives --install /usr/bin/python python /usr/bin/python3 6

update-alternatives: using /usr/bin/python3 to provide /usr/bin/python (python) in auto mode

update-alternatives: error: error creating symbolic link '/etc/alternatives/python.dpkg-tmp': Permission denied

hdadmin@mca45:~$ python --version

Python 2.7.15rc1

hdadmin@mca45:~$ sudo update-alternatives --install /usr/bin/python python /usr/bin/python3 6

update-alternatives: using /usr/bin/python3 to provide /usr/bin/python (python) in auto mode

hdadmin@mca45:~$ python --version

Python 3.6.6

hdadmin@mca45:~$ django-admin --version

1.11.11

hdadmin@mca45:~$ django-admin startproject demo

hdadmin@mca45:~$ cd demo/

hdadmin@mca45:~/demo$ ls

demo manage.py

hdadmin@mca45:~/demo$ cd demo/

hdadmin@mca45:~/demo/demo$ ls

\_\_init\_\_.py settings.py urls.py wsgi.py

hdadmin@mca45:~/demo/demo$ cd ..

hdadmin@mca45:~/demo$ python manage.py startapp hello

hdadmin@mca45:~/demo$ cd hello/

hdadmin@mca45:~/demo/hello$ ls

admin.py apps.py \_\_init\_\_.py migrations models.py tests.py views.py

hdadmin@mca45:~/demo/hello$ gedit views.py

^C

hdadmin@mca45:~/demo/hello$ cd ..

hdadmin@mca45:~/demo$ cd ..

hdadmin@mca45:~$ pip3 install Django

Collecting Django

Downloading https://files.pythonhosted.org/packages/d1/e5/2676be45ea49cfd09a663f289376b3888accd57ff06c953297bfdee1fb08/Django-2.1.3-py3-none-any.whl (7.3MB)

100% |████████████████████████████████| 7.3MB 198kB/s

Collecting pytz (from Django)

Using cached https://files.pythonhosted.org/packages/f8/0e/2365ddc010afb3d79147f1dd544e5ee24bf4ece58ab99b16fbb465ce6dc0/pytz-2018.7-py2.py3-none-any.whl

Installing collected packages: pytz, Django

Successfully installed Django-2.1.3 pytz-2018.7

hdadmin@mca45:~$ django-admin --version

2.1.3

hdadmin@mca45:~$ django-admin startproject demo

CommandError: '/home/hdadmin/demo' already exists

hdadmin@mca45:~$ cd demo/

hdadmin@mca45:~/demo$ ls

demo hello manage.py

hdadmin@mca45:~/demo$ cd demo/

hdadmin@mca45:~/demo/demo$ ls

\_\_init\_\_.py \_\_pycache\_\_ settings.py urls.py wsgi.py

hdadmin@mca45:~/demo/demo$ cd ..

hdadmin@mca45:~/demo$ python manage.py startapp hello

CommandError: 'hello' conflicts with the name of an existing Python module and cannot be used as an app name. Please try another name.

hdadmin@mca45:~/demo$ cd hello/

hdadmin@mca45:~/demo/hello$ ls

admin.py \_\_init\_\_.py models.py tests.py

apps.py migrations \_\_pycache\_\_ views.py

hdadmin@mca45:~/demo/hello$ gedit views.py

^C

hdadmin@mca45:~/demo/hello$ gedit urls.py

^C

hdadmin@mca45:~/demo/hello$ cd ..

hdadmin@mca45:~/demo$ cd demo/

hdadmin@mca45:~/demo/demo$ ls

\_\_init\_\_.py \_\_pycache\_\_ settings.py urls.py wsgi.py

hdadmin@mca45:~/demo/demo$ gedit urls.py

hdadmin@mca45:~/demo/demo$ gedit settings.py

^C

hdadmin@mca45:~/demo/demo$ cd ..

hdadmin@mca45:~/demo$ python manage.py runserver

Performing system checks...

System check identified no issues (0 silenced).

You have 15 unapplied migration(s). Your project may not work properly until you apply the migrations for app(s): admin, auth, contenttypes, sessions.

Run 'python manage.py migrate' to apply them.

December 01, 2018 - 06:16:20

Django version 2.1.3, using settings 'demo.settings'

Starting development server at http://127.0.0.1:8000/

Quit the server with CONTROL-C.

[01/Dec/2018 06:17:07] "GET /hello HTTP/1.1" 301 0

[01/Dec/2018 06:17:07] "GET /hello/ HTTP/1.1" 200 11

Not Found: /favicon.ico

[01/Dec/2018 06:17:07] "GET /favicon.ico HTTP/1.1" 404 2078

Not Found: /favicon.ico

[01/Dec/2018 06:17:07] "GET /favicon.ico HTTP/1.1" 404 2078

[01/Dec/2018 06:17:42] "GET /hello/ HTTP/1.1" 200 11

OUTPUT:

