Pip require virtualenv

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Why virtual environments?

- Manage package dependencies between projects

  - Project A requires 1.9.0 of package X

  - Project B requires 2.0.0 of package X

Global environment

3.6

httpie==1.0.2
pipenv==2018.11.26
requests==2.21.0
urllib3==1.24.1
virtualenv==16.4.3

Virtual environment

2.7

certifi==2019.3.9
chardet==3.0.4
Django==1.11.20
idna==2.8
Pillow==6.0.0
pytz==2019.1
requests==2.21.0
urllib3==1.24.2

Virtual environment

3.7

numpy==1.16.2
pandas==0.24.2
patsy==0.5.1
python-dateutil==2.8.0
pytz==2019.1
scikit-learn==0.20.3
scikit-lego==0.1.4
scipy==1.2.1
six==1.12.0

3.6

...
...
...

Why you don't want to mess up your global

Add the following command to your bash profile

```
export PIP_REQUIRE_VIRTUALENV=true
```

Add the following command to your bash profile

```
# Pip requires virtualenv
export PIP_REQUIRE_VIRTUALENV=true

gpip() {
    PIP_REQUIRE_VIRTUALENV="" pip "$@"
}
```

Thank you

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