

Branch: master ▾ spacyr / inst / doc / MAC.md

Find file Copy path

 kbenoit Update installation instructions

88df577 on May 13

1 contributor

170 lines (113 sloc) | 3.34 KB

Tips for macOS Users

Before install spaCy

You need to have a C++ compiler, Xtools. Either get the full Xcode from the App Store, or install the command-line Xtools using this command from the Terminal:

```
xcode-select --install
```

Installing spaCy and spacyr on macOS

This document describes three methods for installing spaCy and **spacyr** on macOS. 1. Using Python 2 from the homebrew package manager. 2. Using Python 3 from the homebrew package manager. 3. Using the system default Python.

Install spaCy using **homebrew** and Python 2.7.x

Homebrew is a package manager for macOS, which you can use to install Python and spaCy.

1. Install homebrew

```
/usr/bin/ruby -e "$(curl -fsSL https://raw.githubusercontent.com/Homebrew/install/master/install)"
```

2. Install Python 2

```
brew install python
```

3. Check that the default python has changed

```
which python
```

The output should now be `/usr/local/bin/python`.

4. Setup pip

```
pip install --upgrade setuptools
pip install --upgrade pip
```

5. Install spaCy

```
pip install -U spacy
```

6. Install the English language model

```
python -m spacy download en
```

7. Check if the installation succeeded

```
python -c "import spacy; spacy.load('en'); print('OK!')"
```

8. Install spacyr

```
devtools::install_github("kbenoit/spacyr", build_vignettes = FALSE)
```

Install spaCy using **homebrew** and Python >= 3.6

1. Install homebrew

```
/usr/bin/ruby -e "$(curl -fsSL https://raw.githubusercontent.com/Homebrew/install/master/install)"
```

2. Install Python 3

```
brew install python3
```

3. Check the path for Python 3

```
which python3
```

The output should be `/usr/local/bin/python3`.

4. Setup pip3

```
pip3 install --upgrade setuptools  
pip3 install --upgrade pip3
```

5. Install spaCy

```
pip3 install -U spacy
```

6. Install the English language model

```
python3 -m spacy download en
```

7. Check that the installation succeeded

```
python3 -c "import spacy; spacy.load('en'); print('OK!')"
```

8. Install spacyr

```
devtools::install_github("kbenoit/spacyr", build_vignettes = FALSE)
```

If you are using a homebrew Python 2, the `spacy_initialize` is

```
library(spacyr)
spacy_initialize(python_executable = "/usr/local/bin/python3")
```

Install spaCy on the default Python (not really recommended)

Mac OS X comes with Python. In order to install spacy in that python, follow the steps below:

1. Install `pip`

```
sudo easy_install pip
```

2. Install `spacy`

```
sudo pip install spacy
```

You will need to enter a password for a user account with Administrator privileges.

3. Install the English language model

```
python -m spacy download en
```

4. Check if the installation succeeded

```
python -c "import spacy; spacy.load('en'); print('OK!'"
```

5. Install spacyr

```
devtools::install_github("kbenoit/spacyr", build_vignettes = FALSE)
```

If the default Python is used, the initialization is simply:

```
library(spacyr)
spacy_initialize()
```