

pandas-datareader

Up to date remote data access for pandas, works for multiple versions of pandas.

pypi v0.7.0 build failing coverage 79% docs passing health 95%

! Warning

As of v0.6.0 Yahoo!, Google Options, Google Quotes and EDGAR have been immediately deprecated due to large changes in their API and no stable replacement.

! Note

As of v0.6.0 Google finance is still functioning for historical price data, although there are frequent reports of failures. Failure is frequently encountered when bulk downloading historical price data.

Usage

Starting in 0.19.0, pandas no longer supports `pandas.io.data` or `pandas.io.wb`, so you must replace your imports from `pandas.io` with those from `pandas_datareader`:

```
from pandas.io import data, wb # becomes
from pandas_datareader import data, wb
```

Many functions from the data module have been included in the top level API.

```
import pandas_datareader as pdr
pdr.get_data_fred('GS10')
```

Documentation

[Stable documentation](#) is available on [github.io](#). A second copy of the stable documentation is hosted on [read the docs](#) for more details.

[Development documentation](#) is available for the latest changes in master.

Installation

Requirements

Using pandas datareader requires the following packages:

- pandas>=0.19.2
- lxml
- requests>=2.3.0
- requests-file
- requests-ftp
- wrapt

Building the documentation additionally requires:

- matplotlib
- ipython
- sphinx

- sphinx_rtd_theme

Testing requires pytest.

Install latest release version via pip

```
$ pip install pandas-datareader
```

Install latest development version

```
$ pip install git+https://github.com/pydata/pandas-datareader.git
```

or

```
$ git clone https://github.com/pydata/pandas-datareader.git  
$ python setup.py install
```

Documentation

Contents:

- [What's New](#)
 - [v0.6.0 \(January 24, 2018\)](#)
 - [v0.5.0 \(July 25, 2017\)](#)
 - [v0.4.0 \(May 15, 2017\)](#)
 - [v0.3.0 \(January 14, 2017\)](#)
 - [v0.2.1 \(November 26, 2015\)](#)

- v0.2.0 (October 9, 2015)
- Remote Data Access
 - Google Finance
 - Tiingo
 - Morningstar
 - IEX
 - Robinhood
 - Enigma
 - Quandl
 - FRED
 - Fama/French
 - World Bank
 - OECD
 - Eurostat
 - TSP Fund Data
 - Nasdaq Trader Symbol Definitions
 - Stooq Index Data
 - MOEX Data
- Caching queries
- Other Data Sources
 - Alpha Vantage
 - Tiingo
 - Barchart
 - List of Other Sources
- Data Readers
 - Federal Reserve Economic Data (FRED)
 - Fama-French Data (Ken French's Data Library)
 - Bank of Canada
 - Engima
 - Eurostat
 - The Investors Exchange (IEX)

- [Moscow Exchange \(MOEX\)](#)
- [Morningstar](#)
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