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Installation

Installing GeoPandas

To install the released version, we recommend to use conda (from the conda-forge channel):

conda install -c conda-forge geopandas



Alternatively, you can also install GeoPandas with pip, but then you need to make sure that all dependencies are installed correctly:

pip install geopandas

You may install the latest development version by cloning the *GitHub* repository and using the setup script:

git clone https://github.com/geopandas/geopandas.git cd geopandas pip install .

It is also possible to install the latest development version directly from the GitHub repository with:

pip install git+git://github.com/geopandas/geopandas.git

Dependencies

Installation via conda should also install all dependencies, but a complete list is as follows:

- nump
- pandas (version 0.15.2 or later)
- shapely
- fiona
- six
- pyproj

Further, optional dependencies are:

- geopy 0.99 (optional; for geocoding)
- psycopg2 (optional; for PostGIS connection)
- rtree (optional; spatial index to improve performance)

For plotting, these additional packages may be used:

- matplotlib
- descartes
- pysal

These can be installed independently via the following set of commands:

conda install -c conda-forge fiona shapely pyproj rtree conda install pandas

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