geeksforgeeks.org/python-fastest-growing-programming-language/

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Python – Fastest Growing Programming Language

There was a time when the word "Python" meant a particularly large snake but now it is a programming language that is all the rage!!! According to the TIOBE Index, Python is the fourth most popular programming language in the world currently and this extraordinary growth is only set to increase as observed by Stack Overflow Trends. So the question arises…Why is Python the Fastest Growing Programming Language?

Well, there are many factors that contribute to the success of Python. One of these is its popularity in web development. Many top companies such as Google, Facebook, Mozilla, Quora, etc. use Python Web Framework. Another well-known factor for the rapid growth of Python is its use in Data Science. But let's study all these factors in detail to understand the popularity of Python and its astounding growth rate.

geopython.github.io

geopython

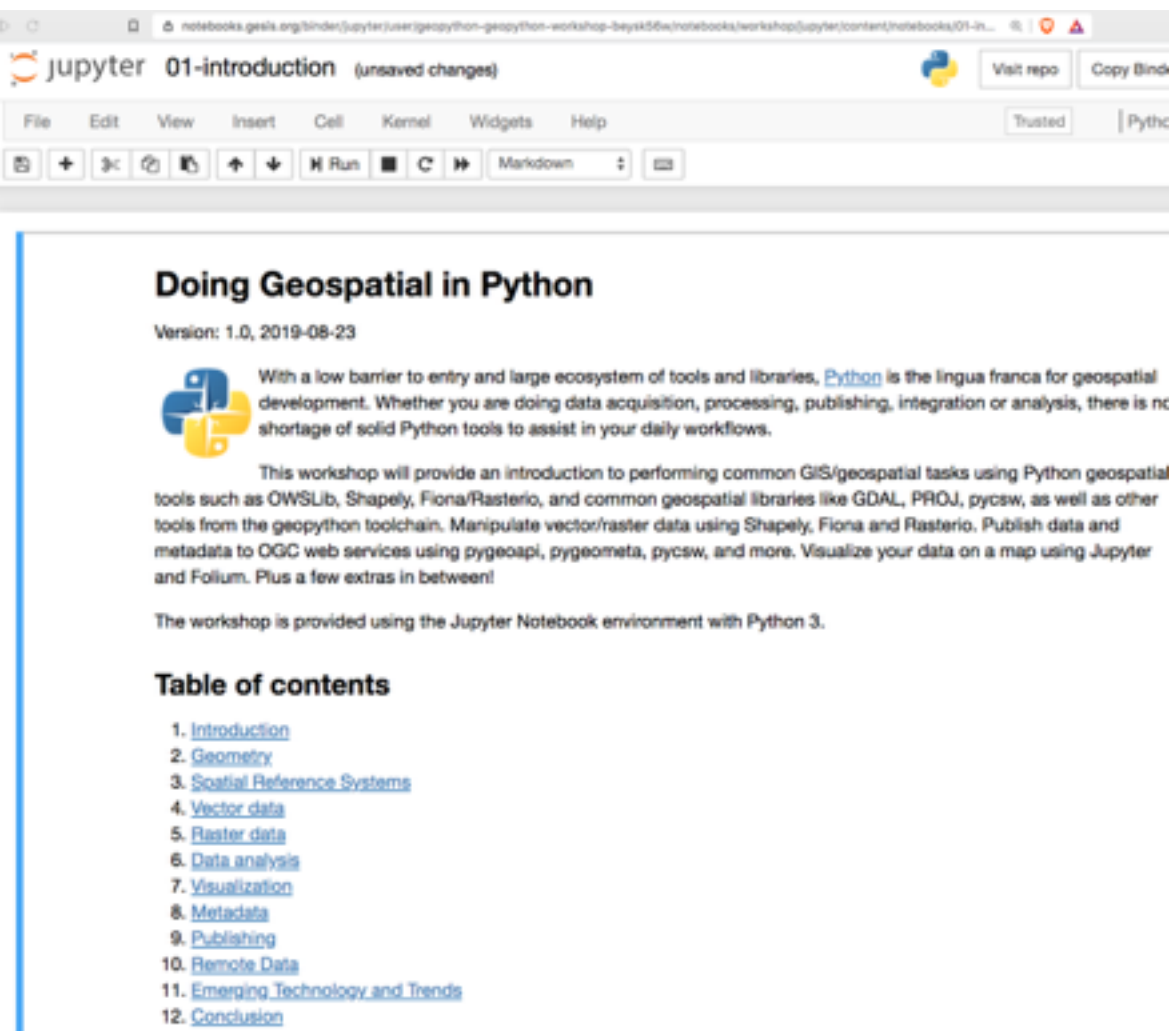geopython is a GitHub organization comprised of Python projects related to geospatial.

Presentation on Geopython projects

- OWSLib
- pycsw
- PyWPS
- pygeometa
- MetaSearch
- GeoHealthCheck
- MapSlicer
- CadTools
- Stetl
- pygeoapi
- Doing Geospatial in Python (workshop)

Also join us on Gitter or irc://freenode.net/#geopython or the mailing list.

For more geospatial projects, check out the Toblerity Project.
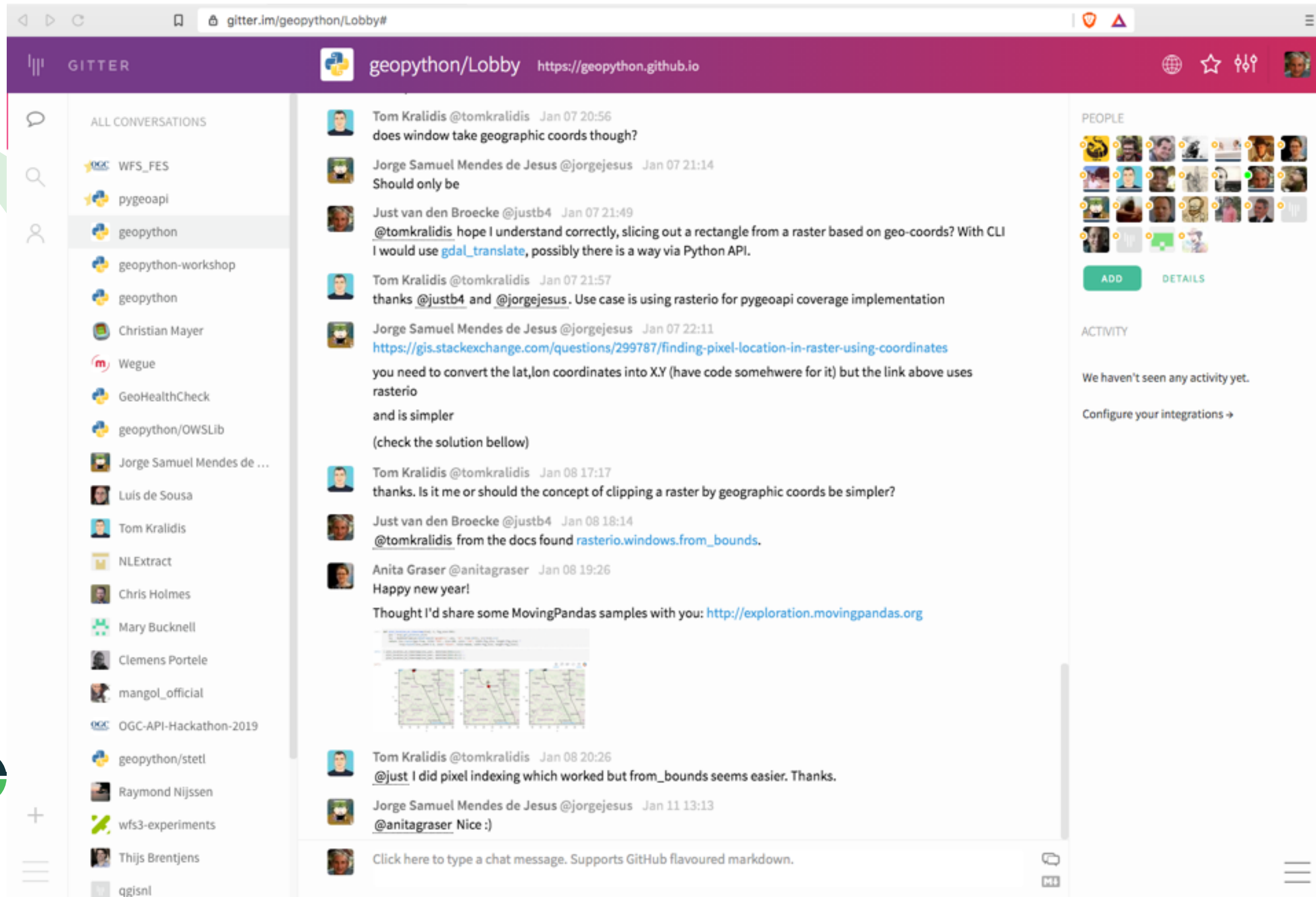
GeoPython Workshop FOSS4G 2019

Doing Geospatial in Python

Version: 1.0, 2019-08-23

With a low barrier to entry and large ecosystem of tools and libraries, Python is the lingua franca for geospatial development. Whether you are doing data acquisition, processing, publishing, integration or analysis, there is no shortage of solid Python tools to assist in your daily workflows.

This workshop will provide an introduction to performing common GIS/geospatial tasks using Python geospatial tools such as OWSLib, Shapely, Fiona/Rasterio, and common geospatial libraries like GDAL, PROJ, pycsw, as well as other tools from the geopython toolchain. Manipulate vector/raster data using Shapely, Fiona and Rasterio. Publish data and metadata to OGC web services using pygeoapi, pygeometa, pycsw, and more. Visualize your data on a map using Jupyter and Folium. Plus a few extras in between!

The workshop is provided using the Jupyter Notebook environment with Python 3.

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https://gitter.im/geopython/Lobby