Expanding GeoCAT's Climatology Resources to Support the Transition from NCL to Python

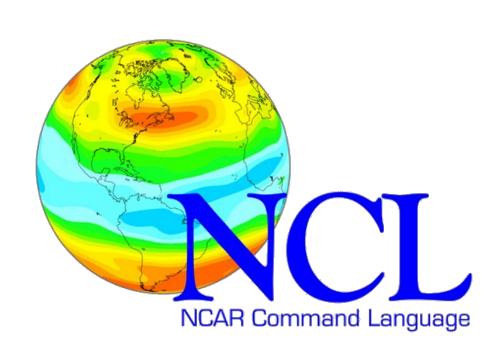
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- In 2019, NSF NCAR decided to "Pivot to Python" and put NCL into "Maintenance Mode"
- NCL was becoming difficult to maintain, and Python was free, open-source, and already popular among the scientific community
- The GeoCAT team was created to ensure the transition was as seamless as possible





GeoCAT Applications

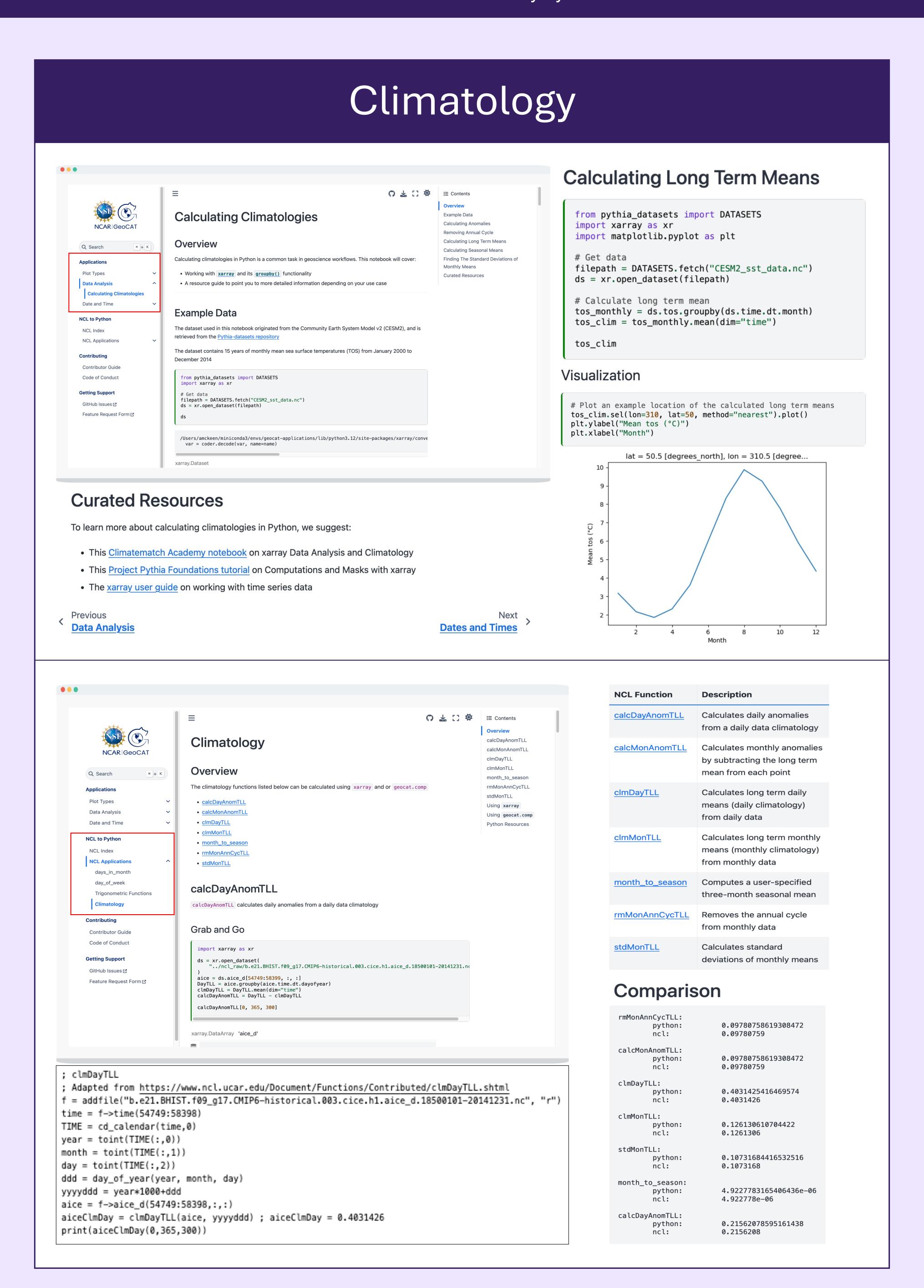
- Inspired by the NCL Applications page
- Designed to be a quick reference demonstrating capabilities within the scientific Python ecosystem
- Contains both Python-first content, and NCL to Python content



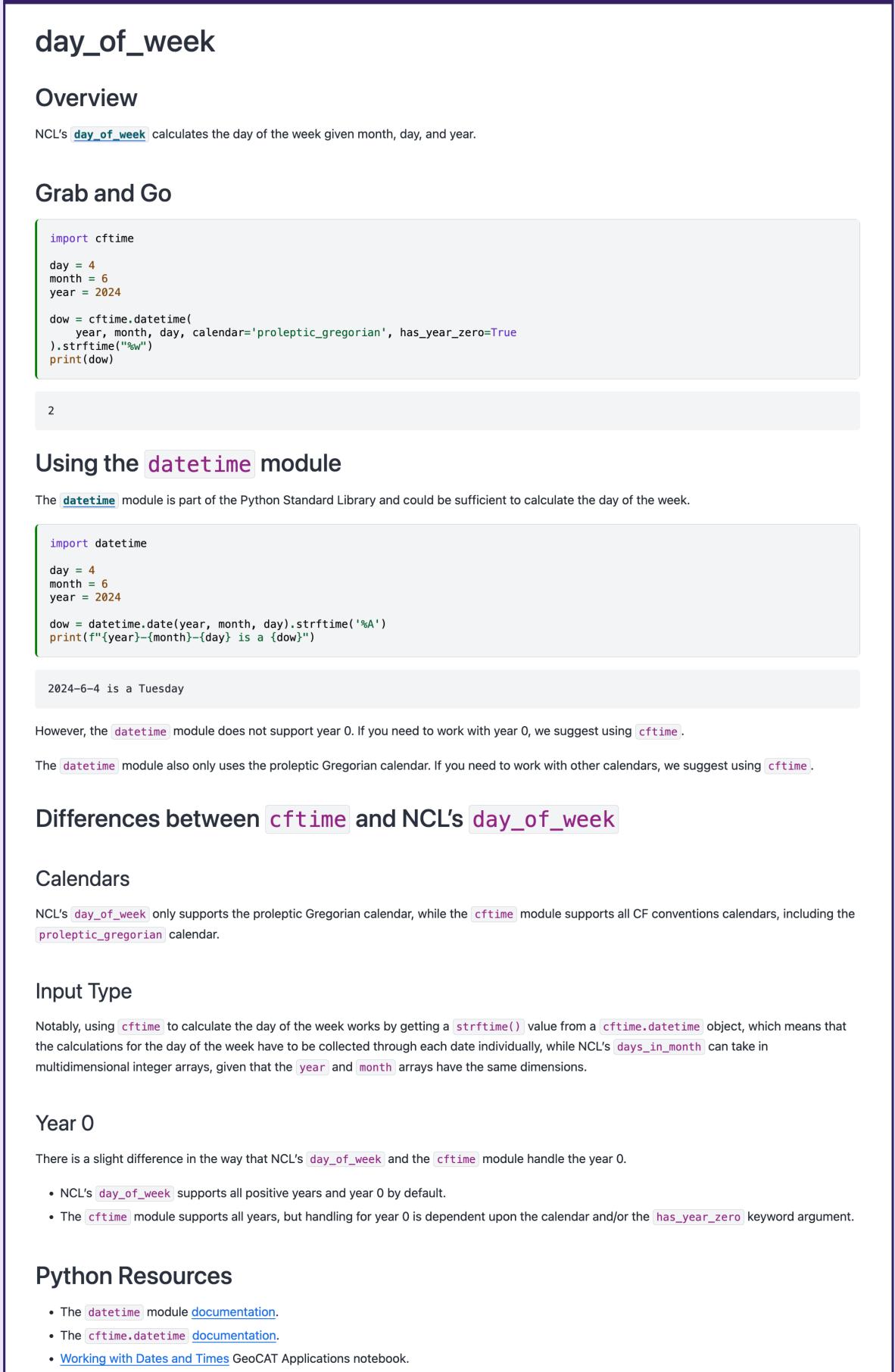


GeoCAT Applications
GitHub

GeoCAT Applications
Website



Day of Week



Future Work

- Add remaining Climatology functions and conduct more difference testing
- Continue to grow the GeoCAT-applications resource