



The Python in Heliophysics Community

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Python has become the programming language of choice of many researchers in Heliophysics. Many groups have developed analysis tools that are very useful, but up until now there has been little support for coordination between them. We have initiated a Python working group to bring together developers from all of these different projects, in order to share knowledge and lessons learned, develop standards and recommendations for best practices, and support existing Python libraries used by multiple projects. We are working with the SunPy, SpacePy, pysat, CDF, SPEDAS, and tplot projects, and anticipate reaching out to others as they are identified. In November 2018 we held the first meeting of the Python in Heliophysics Community (PyHC) to identify community needs for project support and new development and establish recommendations for coding standards and standard libraries.