

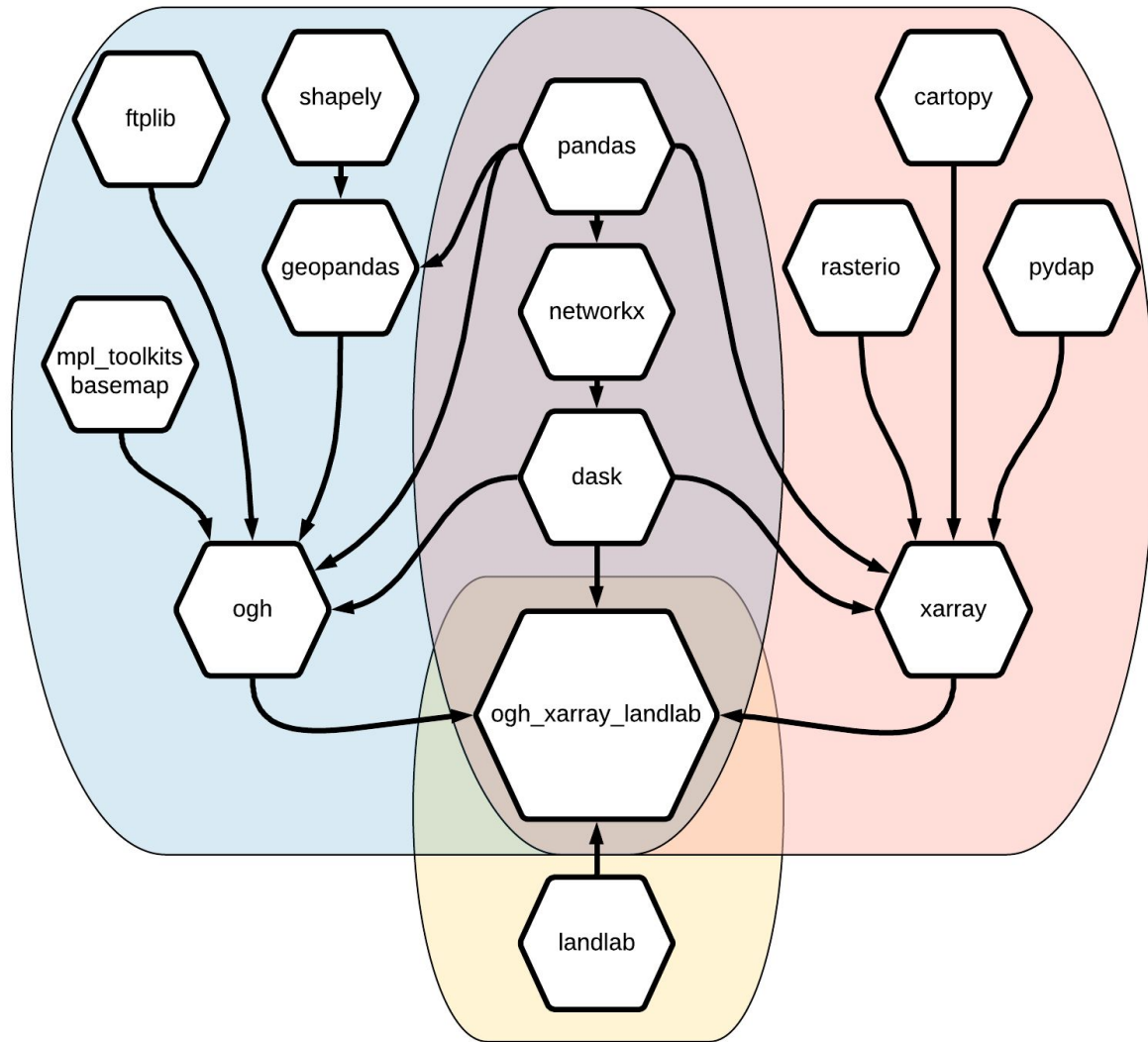
og_h_xarray_landlab

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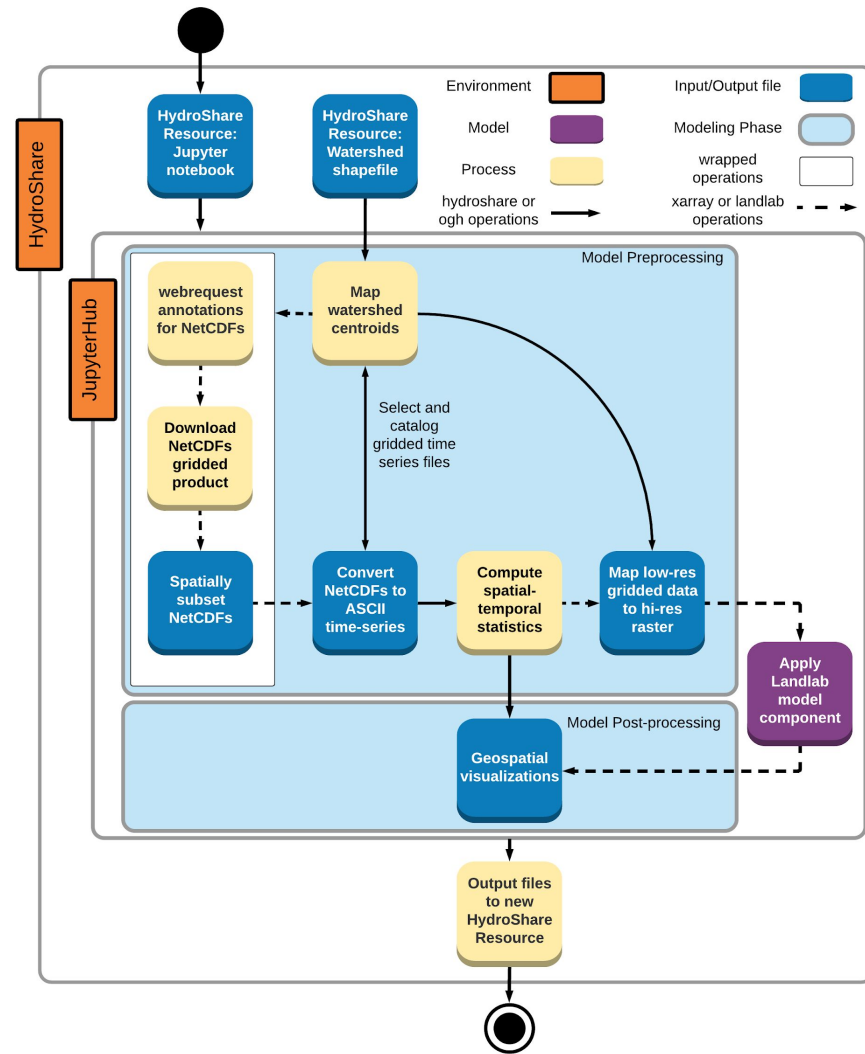
Objectives

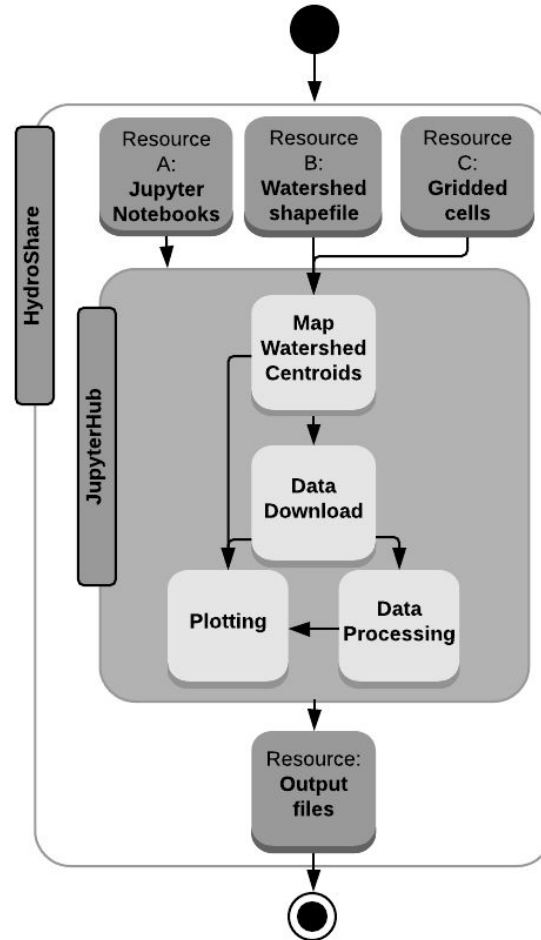
1. Read in netcdf gridded data sets from third-party web-services
2. Crop netcdf files to the watershed of interest at the time of download
3. Assemble 1D-ASCII time-series for the period of interest
4. Extract metadata from netcdf files to guide analyses
5. Generate high-resolution raster from user-defined dx and dy
6. Map low-res data products ($1/16^\circ$) to high-res raster dimensions (1kmx1km)

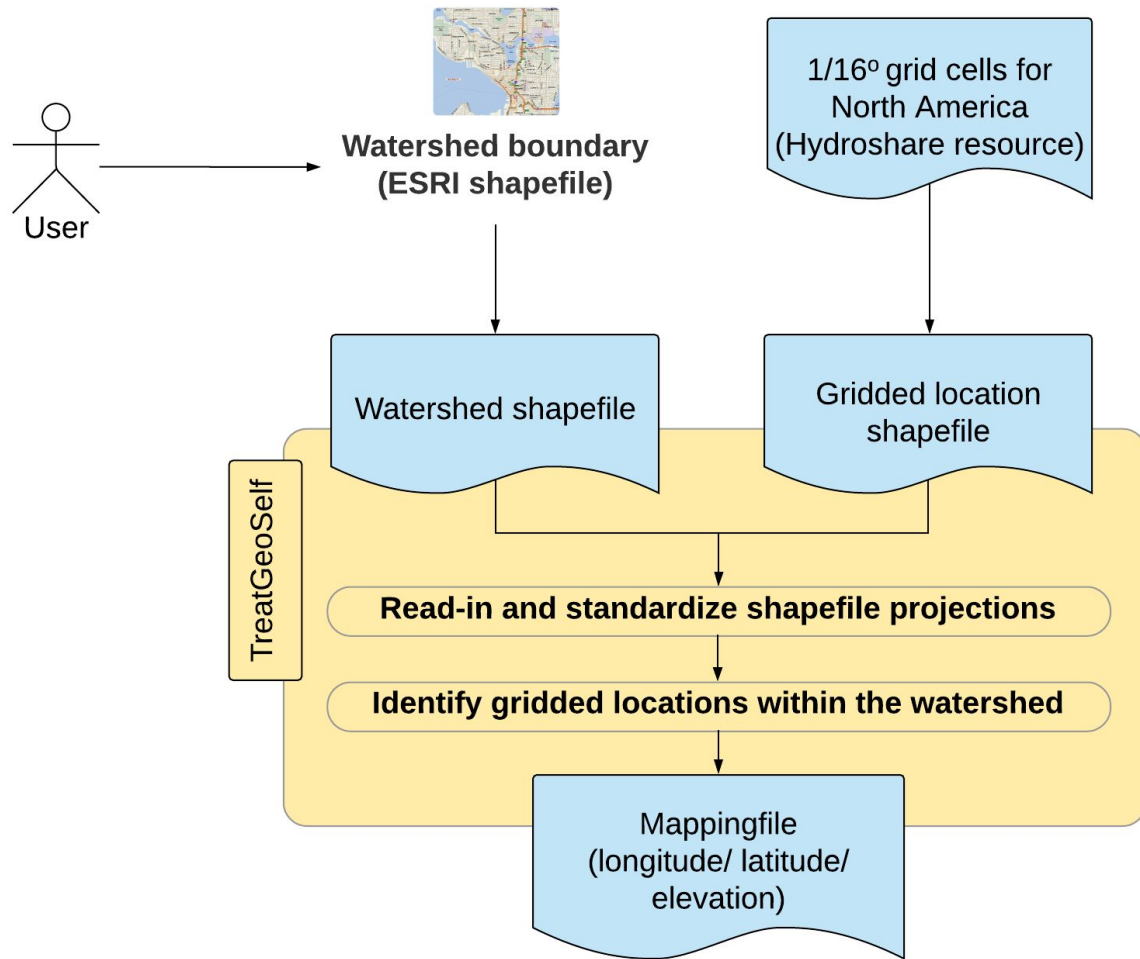
Python dependency tree of ogh_xarray_landlab

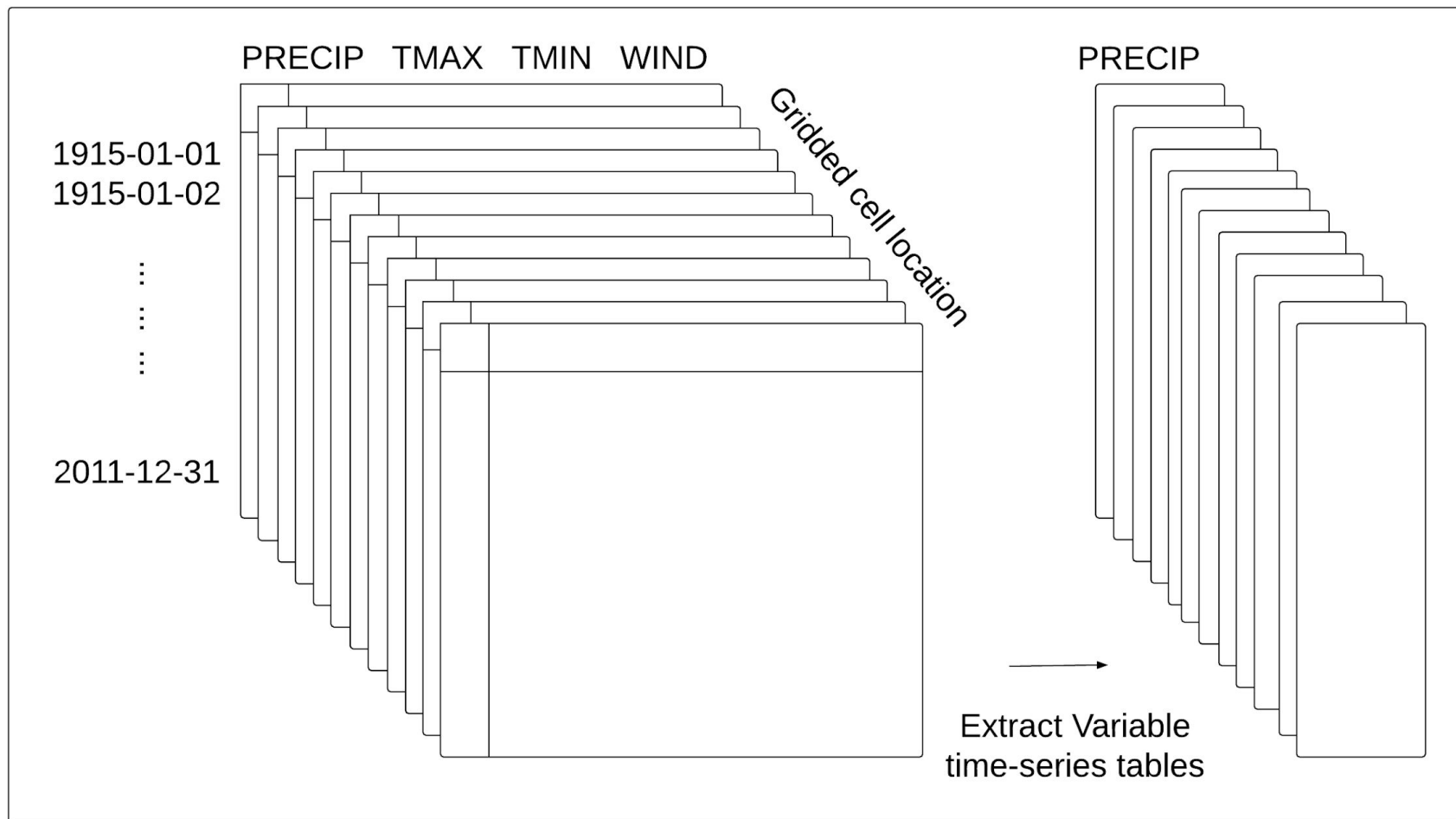


Workflow of the tutorial notebook: ogh_usecase7_xmapLandlab

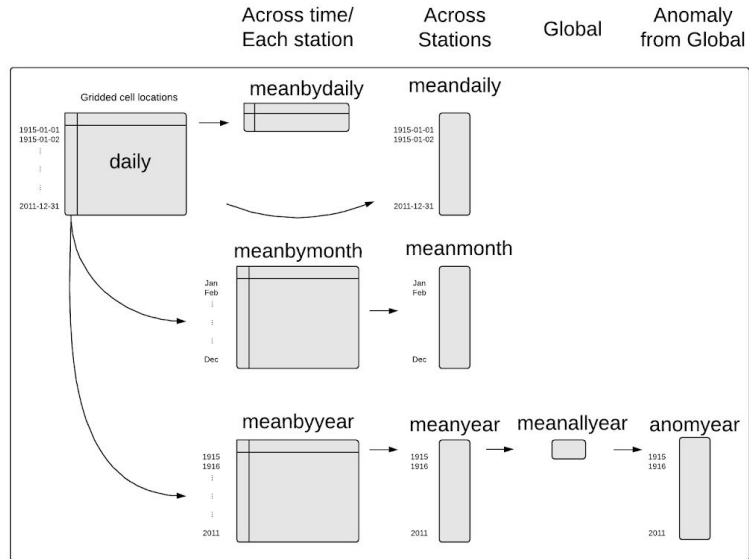








A) *aggregate_space_time_average*



B) *aggregate_space_time_sum*

