

xarray: multi-dimensional data analysis in Python

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What is xarray?

For Python / Numpy users

 xarray handles n-dimensional arrays with labels (dimension names, coordinates) and metadata.

For Python / Pandas users

 xarray is a powerful, pandas-like toolkit for analytics on multi-dimensional arrays.

For scientists familar with the netCDF format

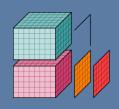
 xarray provides an in-memory representation of a netCDF file with a high level Python API.

For scientists working with big datasets

xarray supports out-of-core computing (using Dask).







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DataArray



