ANACONDA.

Open Source Projects

conda

CONDA
The OG open source project at Anaconda. Conda is a package and environment manager for any language, any platform. Create and manage isolated environments that resolves platform and package specifics at time of library installation.

conda

CONDA-BUILD
Build your own cross platform, cross language compatible conda package. Build from a tutorial template or from a variety of source code projects. Packages built with conda-build support versioning constraints and pinnings.

conda

ANACONDA-PROJECT
Conda tool for encapsulating, running, and reproducing data science projects. Create fully locked projects by pinning environment variables, packages and their dependencies, commands, and any data files.

anaconda-platform

CONDA-INDEX
Creates repodata.json for conda packages. Recent development has accelerated package publishing by 2.2x by caching metadata in sqlite. Publish your project to a conda community channel in under ten minutes. In early development stage.

conda-incubator

CONDA-LIBMAMBA-SOLVER
conda-libmamba-solver is an experimental, alternative, and accelerated solver for conda. Libmamba resolves package and platform specifics up to 80% faster. Also serves as the proof-of-concept for a plugin architecture for conda.

conda-incubator

New to Conda?
CHECK OUT THIS CHEATSHEET!

@condaproject
@condaforge
@anacondainc

Visualization

BOKEH
Powerful browser-based visualization libraries that let you create interactive, JavaScript-based plots from Python.

GEOVIEWS
Explore and visualize geographical, meterological, and oceanographic datasets. Built on HoloViews and plots with Matplotlib or Bokeh.

COLORCET
Collection of perceptually accurate 256-color colormaps for plotting programs like Bokeh, Matplotlib, HoloViews, and Datashader.

HOLOVIZ
Collection of intuitive, granular, and powerful visualization libraries: Panel, hvPlot, HoloViews, GeoViews, Datashader, Param, and Colorcet.

HVPLOT
High-level .plot() API for the PyData ecosystem. Built on HoloViews and outputs with Bokeh, Matplotlib, and Plotly.

PANEL
Create custom interactive web apps and dashboards by connecting user-defined widgets to plots, images, tables, or text.

HOLOVIEWS
Intuitively visualize your data through data annotation: focus on exploration and visualization, not the process of plotting.

DATASHADER
Quick and flexible graphics pipeline system for creating meaningful representations of large datasets. Breaks images into a series of explicit steps.

PARAM
Handles all user-modifiable parameters, arguments, and attributes. Provides automatic, robust error-checking.

Apps, Scale, Performance, Core Python

BRIEFCASE
Convert Python projects into standalone apps for macOS, Windows, Linux, iOS, and Android.

TOGA
Python + OS native GUI toolkit. Create system-native widgets to achieve cross-platform cohesion.

PYSTON
Targeted at real-world use cases and programs, Pyston is a faster, highly compatibile alternative Python interpreter.

JUPYTER
Maybe you've heard of it? Jupyter is the most popular notebook environment for Python.

METAGRAPH
A new interface for graph analytics that combines capabilities from existing libraries.

KERCHUNK
Unify and represent a variety of chunked, compressed data formats such as NetCDF, HDF5, and GRIB.

NUMBA
Just in time compiler for Python that translates a subset of Python and NumPy code into fast machine code.

INTAKE
Find, investigate, load, and disseminate data. Smooth the progression of data from developers and data providers to users.

PYSCRIPT
Create rich Python apps in the browser. Build with HTML's interface + made possible by Pyodide, WASM, and more.

DASK
Scale workflows with parallel processing: multi-dimensional data analysis + store and process data larger than your system's RAM.

ANACONDA. DIVIDEND PROGRAM

Anaconda has always been about open-source innovation. Over the years, we have invested nearly $30 million into incubating and maintaining a wide variety of open-source projects, including pandas, Dask, Numba, Bokeh, HoloViews, Panel, Intake, BeeWare, Pyston, and –most recently– the PyScript project.

To scale our contributions as we grow the company, we proudly launched the Anaconda Dividend Program to directly give a portion of our revenue dollars back to the projects and the community that make all of this possible.

PETER WANG
Co-Founder and CEO, Anaconda

For more information on our commercial products, email sales@anaconda.com.

Open Source Projects:
anaconda.com/open-source

Learning Resources:
anaconda.cloud

Anaconda Community:
community.anaconda.cloud

Consulting Services:
anaconda.com/consulting