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PyTables is an efficient method for storing and querying both numerical and textual data. PyTables provides seamless access to the convenient HDF5 library, a popular container for datasets that can grow to terabytes and beyond. With its support of the ultra-fast Blosc compressor, PyTables optimizes memory and disk resources so that data takes up far less space than other solutions, without allowing compression to slow down your data management.

## USE CASES

Tabular storage with advanced indexed capabilities for fast queries

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Portable storage for huge datasets (observations and forecasts) for ML training

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Fast compression codec (Blosc) for better disk I/O performance and less memory consumption

## PLANNED FEATURES

- + modernization of the codebase to Python 3.6+
- + migration of tests to pytest
- + split of dependencies (such as Blosc) out of the repository

## PROJECT NEEDS

improving communication with users: preparing talks for conferences, improving the website, setting up chat forums

possibility to \*quickly\* test everything (parallel CI runners)

building better interface to Pandas and other pydata projects



For more information on PyTables, including our governance structure and project roadmap, please visit

<http://www.pytables.org/>

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