

About

This documentation covers version 3.4.3

What is pyndb?

pyndb, short for Python Node Database, is a package which makes it easy to save data to a file while also providing syntactic convenience. It utilizes a Node structure which allows for easily retrieving nested objects. All data is wrapped inside of a custom Node object, and stored to file as nested dictionaries. It provides additional capabilities such as autosave, saving an existing dictionary to file, creating a file if none exists, and more. The original program was developed with the sole purpose of saving dictionaries to files, and was not released to the public.

Why was it created?

pyndb was created when jvadair (the author) attempted to learn how to use sqlite with python. He decided that writing commands into strings and then passing them into a command execution function was too annoying. Thus DataManager was born. It was used on internal projects, until jvadair decided that that it too was quite annoying to use, due to it working poorly with nested dictionaries. Conceptualized on a sticky note late at night, he realized that he could recursively spawn objects within a master class. This solved the aforementioned issue, and so DataManager was rewritten into pyndb.

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