

# Ethereum: Pyethapp Project

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**Note:** The following is an excerpt from the official Ethereum site. It is provided here as a convenience and is not authoritative. Refer to the original document as the authoritative reference.

Table 1: Data sheet for Ethereum Pyethapp Project

|             |   |
|-------------|---|
| Title       | Ethereum Pyethapp Project   |
| Created     | 2016  |
| Repository  | <a href="https://github.com/ethereum/pyethapp">https://github.com/ethereum/pyethapp</a>   |
| Description | <a href="http://www.ethdocs.org/en/latest/ethereum-clients/go-ethereum/index.html">http://www.ethdocs.org/en/latest/ethereum-clients/go-ethereum/index.html</a> |
| Category    | Client  |

## Abstract

Source: [Pyethapp Project](#)

**pyethapp** is the python-based *client* implementing the Ethereum cryptoeconomic state machine. The python implementation aims to provide an easily hackable and extendable codebase.

*pyethapp* leverages two ethereum core components to implement the client:

- *pyethereum* - the core library, featuring the *blockchain*, the *ethereum virtual machine*, mining
- *pydevp2p* - the p2p networking library, featuring *node discovery* for and transport of multiple services over multiplexed and encrypted connections

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Last update: **2021/08/11 11:35**

