

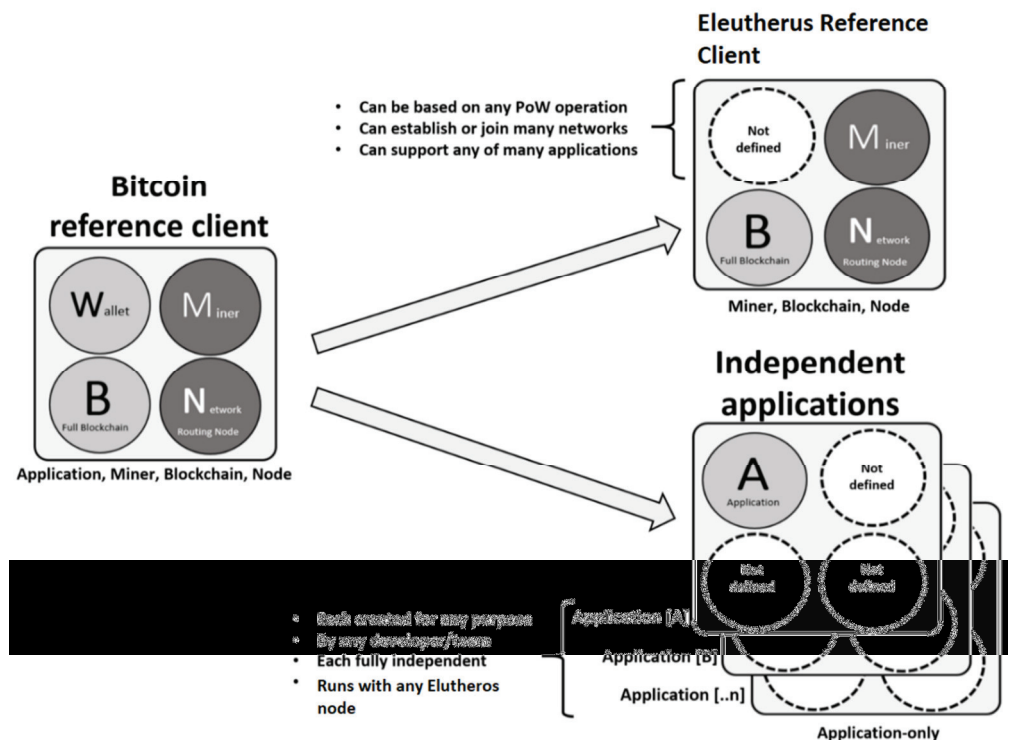
CHAPTER 7

ELEUTHEROS, AN INTRODUCTION

To begin with, Eleutheros is an open-source project designed on the same lines as the Bitcoin protocol and its reference client, the Bitcoin core. So, there are very few changes made here and there and we shall discuss them in a while.

Also, the overall developmental model of Eleutheros is an extension of the Bitcoin's earlier software that made use of a single software to perform very diverse functions like reference, miner, solo miner, lightweight wallet, stratum wallet, different platforms, etc...

Furthermore, Eleutheros continues further in the same direction: it separates the Wallet (which we shall refer to as the Application), leaving behind clean interfaces that can accept a variety of application, and generalizes Network Node, Mining and Blockchain so that they can support a variety of different applications, and be used to connect or establish many different and fully-independent P2P blockchain networks. To get a better understanding, take a look at the illustration below¹⁷.



¹⁷ Bitcoin reference client illustration credit O'Reilly Publishing <http://chimera.labs.oreilly.com/books/123400001802/ch06.html> The linked page also contains a description of the operations of other types of nodes (gateway servers, edge routers, mining clients and wallet clients)