

2.3.3.2 Lightweight Node (Wallet)

[return to Node Taxonomy](#)

Lightweight nodes keep a shallow copy of blockchain transactions¹⁾ and are used in day-to-day crypto operations. Within the cryptocurrency world, lightweight nodes are also referred to as simple payment verification (SPV) nodes or wallet nodes. Lightweight nodes communicate with the ledger through full nodes.²⁾

Standards

Technical Standards

- [ISO/IEC 9899:2018 Programming languages -- C](#)
- [ISO/IEC 14882:2017 Programming languages -- C++](#)
- [ECMA: Standard ECMA-262 - ECMAScript® 2018 Language Specification \(Javascript\)](#)
- [ECMA: Standard ECMA-334 - C# Language Specification](#)
- [ECMA: Standard ECMA-335 - Common Language Infrastructure \(CLI\)](#)
- [ECMA: Technical Report TR/84 - Common Language Infrastructure \(CLI\) - Information Derived from Partition IV XML File](#)
- [ECMA: Technical Report TR/89 - Common Language Infrastructure \(CLI\) - Common Generics](#)
- [RFC5424 - The Syslog Protocol \(SYSLOG\)](#)
- [W3C: RDF 1.1 Terse RDF Triple Language \(Turtle\)](#)
- [W3C: OWL 2 Web Ontology Language - Structural Specification and Functional-Style Syntax \(second Edition\)](#)
- [W3C: RDF 1.1 Concepts and Abstract Syntax \(RDF\)](#)
- [W3C: SPARQL 1.1 Overview \(SPARQL\)](#)
- [W3C: Cascading Style Sheets Level 2 Revision 2 \(CSS 2.2\) Specification](#)
- [W3C: HTML5 \(HTML5\)](#)
- [W3C: Extensible Markup Language \(XML\) 1.0 \(Fifth Edition\)](#)
- [W3C: XML Schema Definition Language \(XSD\) 1.1 Part 1: Structures](#)
- [W3C: XML Schema Definition Language \(XSD\) 1.1 Part 2: Datatypes](#)
- [W3C: XSL Transformations \(XSLT\) Version 3.0](#)
- [W3C: Document Object Model \(DOM\) Level 3 Core Specification](#)
- [W3C: XML Path Language \(XPath\) 3.1](#)
- [OMG: Data Distribution Service \(DDS\)](#)
- [OMG: DDS Interoperability Wire Protocol \(DDSI-RTPS\)](#)
- [OMG: ISO/IEC C++ 2003 Language DDS PSM \(DDS-PSM-Cxx\)](#)
- [OMG: Java 5 Language PSM for DDS \(DDS-Java\)](#)
- [OMG: OPC-UA/DDS Gateway \(DDS-OPCUA\)](#)
- [OMG: RPC Over DDS \(DDS-RPC\)](#)
- [OMG: DDS Security \(DDS-SECURITY\)](#)
- [OMG: Web-Enabled DDS \(DDS-WEB\)](#)

- [OMG: DDS Consolidated XML Syntax \(DDS-XML\)](#)
- [OMG: DDS For Extremely Resource Constrained Environments \(DDS-XRCE\)](#)
- [OMG: Extensible and Dynamic Topic Types for DDS \(DDS-XTypes\)](#)

de facto Standards

- [Apache: Log4j](#)
- [Apache: Log4cxx](#)
- [Apache: log4php](#)
- [Apache: log4net](#)
- [Apache: log4jscala](#)
- [Bitcoin: Developer's Guidance](#)
- [Ethereum: cpp Project](#)
- [Ethereum: Ethereumh Project](#)
- [Ethereum: Ethereumjs-lib Project](#)
- [Ethereum: Ethereum_j Project](#)
- [Ethereum: Go-ethereum Project](#)
- [Ethereum: Parity Project](#)
- [Ethereum: Pyethapp Project](#)
- [Ethereum: Ruby-ethereum Project](#)
- [EIP 20: ERC-20 Token Standard](#)
- [ethereum_vm](#)
- [ethereum_solidity](#)
- [Linux Foundation: Hyperledger](#)
- [Oracle: The Java® Language Specification SE 8 Edition](#)
- [Oracle: The Java® Virtual Machine Specification JVM](#)
- [Oracle: Java logger API](#)
- [Google: Go \(software language\)](#)
- [ipfs](#)

Tools

- None at this time

¹⁾

Osita Chibuike, 21 May 2018, Legobox, <https://dev.to/legobox/how-to-setup-an-ethereum-node-41a7>

²⁾

“Blockchain Nodes: An In-Depth Guide”, <https://nodes.com/>

From:

<https://www.omgwiki.org/dido/> - **DIDO Wiki**

Permanent link:

https://www.omgwiki.org/dido/doku.php?id=dido:public:ra:1.2_views:3_taxonomic:3_node_tax:lite&rev=1617029361

Last update: **2021/03/29 10:49**

