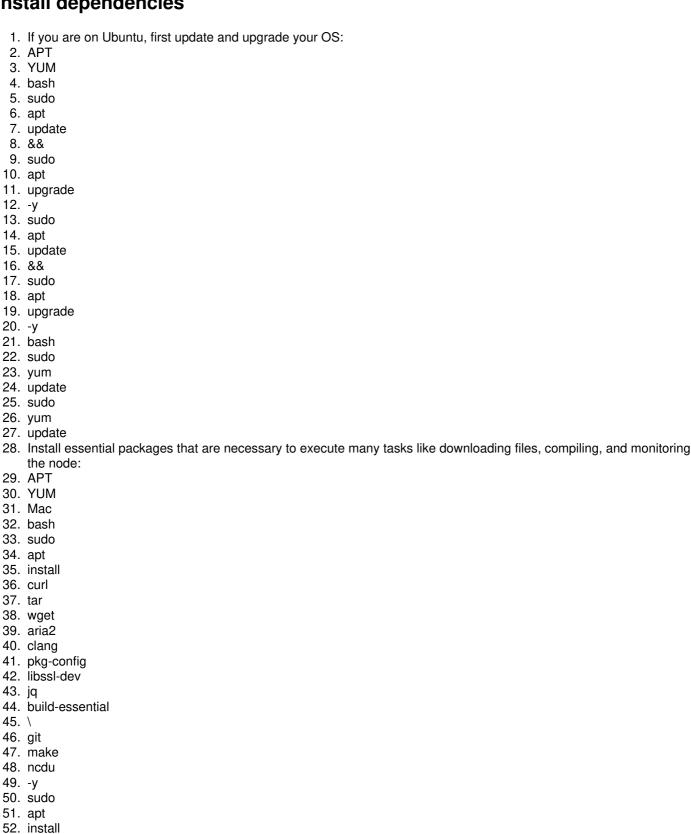
Development environment

This page will go over setting up your development environment to run Celestia software. This environment can be used for development, building binaries, and running nodes.

Install dependencies



58. pkg-config 59. libssl-dev

53. curl 54. tar 55. wget 56. aria2 57. clang

```
60. jq
 61. build-essential
 62. \
 63. git
 64. make
 65. ncdu
 66. -y
 67. bash
 68. sudo
 69. yum
 70. install
 71. curl
 72. tar
 73. wget
 74. aria2
 75. clang
 76. pkg-config
 77. libssl-dev
 78. jq
 79. build-essential
 80. \
 81. git
 82. make
 83. ncdu
 84. -y
 85. sudo
 86. yum
 87. install
 88. curl
 89. tar
 90. wget
 91. aria2
 92. clang
 93. pkg-config
 94. libssl-dev
 95. jq
 96. build-essential
 97. \
 98. git
99. make
100. ncdu
101. -у
```

103. these commands are for installing Homebrew, wget and jq

104. follow the instructions from the output after running this command

```
105. /bin/bash
106. -c
107. "(
108. curl
109. -fsSL
110. https://raw.githubusercontent.com/Homebrew/install/HEAD/install.sh)"
```

111. then install wget & jq

```
112. brew
```

102. bash

113. install

114. wget

115. &&

- 116. brew 117. install 118. jq
- 119. these commands are for installing Homebrew, wget and jq
- 120. follow the instructions from the output after running this command

```
121. /bin/bash
122. -c
123. "(
124. curl
125. -fsSL
126. https://raw.githubusercontent.com/Homebrew/install/HEAD/install.sh)"
```

127. then install wget & jq

```
128. brew
129. install
130. wget
131. &&
132. brew
133. install
134. jq
```

31. bash 32. cd

Install Golang

celestia-node is written in Golang so we must install Golang to build and run our node.

```
1. Set the version for your desired network:
 2. Mainnet Beta
 3. Mocha
 4. Arabica
 5. bash
 6. ver
 7. =
 8. "1.23.0"
 9. ver
10. =
11. "1.23.0"
12. bash
13. ver
14. =
15. "1.23.2"
16. ver
17. =
18. "1.23.2"
19. bash
20. ver
21. =
22. "1.23.2"
23. ver
24. =
25. "1.23.2"
26. Download and install Golang:
27. Ubuntu (AMD)
28. Ubuntu (ARM)
29. Mac (Apple)
30. Mac (Intel)
```

- 33. HOME
- 34. wget
- 35. "https://golang.org/dl/go
- 36. ver
- 37. .linux-amd64.tar.gz"
- 38. sudo
- 39. rm
- 40. -rf
- 41. /usr/local/go
- 42. sudo
- 43. tar
- 44. -C
- 45. /usr/local
- 46. -xzf
- 47. "go
- 48. ver
- 49. .linux-amd64.tar.gz"
- 50. rm
- 51. "go
- 52. ver
- 53. .linux-amd64.tar.gz"
- 54. cd
- 55. HOME
- 56. wget
- 57. "https://golang.org/dl/go
- 58. ver
- 59. .linux-amd64.tar.gz"
- 60. sudo
- 61. rm
- 62. -rf
- 63. /usr/local/go
- 64. sudo
- 65. tar
- 66. -C
- 67. /usr/local
- 68. -xzf
- 69. "go
- 70. ver
- 71. .linux-amd64.tar.gz"
- 72. rm
- 73. "go
- 74. ver
- 75. .linux-amd64.tar.gz"
- 76. bash
- 77. cd
- 78. HOME
- 79. wget
- 80. "https://golang.org/dl/go
- 81. ver
- 82. .linux-arm64.tar.gz"
- 83. sudo
- 84. rm
- 85. -rf
- 86. /usr/local/go
- 87. sudo
- 88. tar
- 89. -C
- 90. /usr/local
- 91. -xzf
- 92. "go
- 93. ver
- 94. .linux-arm64.tar.gz"
- 95. rm
- 96. "go
- 97. ver
- 98. .linux-arm64.tar.gz"
- 99. cd
- 100. HOME

- 101. wget
- 102. "https://golang.org/dl/go
- 103. ver
- 104. .linux-arm64.tar.gz"
- 105. sudo
- 106. rm
- 107. -rf
- 108. /usr/local/go
- 109. sudo
- 110. tar
- 111. -C
- 112. /usr/local
- 113. -xzf
- 114. "go
- 115. ver
- 116. .linux-arm64.tar.gz"
- 117. rm
- 118. "go
- 119. ver
- 120. .linux-arm64.tar.gz"
- 121. bash
- 122. cd
- 123. HOME
- 124. wget
- 125. "https://golang.org/dl/go
- 126. ver
- 127. .darwin-arm64.tar.gz"
- 128. sudo
- 129. rm
- 130. -rf
- 131. /usr/local/go
- 132. sudo
- 133. tar
- 134. -C
- 135. /usr/local
- 136. -xzf
- 137. "go
- 138. ver
- 139. .darwin-arm64.tar.gz"
- 140. rm
- 141. "go
- 142. ver
- 143. .darwin-arm64.tar.gz"
- 144. cd
- 145. HOME
- 146. wget
- 147. "https://golang.org/dl/go
- 148. ver
- 149. .darwin-arm64.tar.gz"
- 150. sudo
- 151. rm
- 152. -rf
- 153. /usr/local/go
- 154. sudo
- 155. tar
- 156. -C
- 157. /usr/local
- 158. -xzf
- 159. "go
- 160. ver
- 161. .darwin-arm64.tar.gz"
- 162. rm
- 163. "go
- 164. ver
- 165. .darwin-arm64.tar.gz"
- 166. bash
- 167. cd
- 168. HOME

- 169. wget
- 170. "https://golang.org/dl/go
- 171. ver
- 172. .darwin-amd64.tar.gz"
- 173. sudo
- 174. rm
- 175. -rf
- 176. /usr/local/go
- 177. sudo
- 178. tar
- 179. -C
- 180. /usr/local
- 181. -xzf
- 182. "go
- 183. ver
- 184. .darwin-amd64.tar.gz"
- 185. rm
- 186. "go
- 187. ver
- 188. .darwin-amd64.tar.gz"
- 189. cd
- 190. HOME
- 191. wget
- 192. "https://golang.org/dl/go
- 193. ver
- 194. .darwin-amd64.tar.gz"
- 195. sudo
- 196. rm
- 197. -rf
- 198. /usr/local/go
- 199. sudo
- 200. tar
- 201. -C
- 202. /usr/local
- 203. -xzf 204. "go
- 205. ver
- 206. .darwin-amd64.tar.gz"
- 207. rm
- 208. "go
- 209. ver
- 210. .darwin-amd64.tar.gz"
- 211. Add your/usr/local/go/bin
- 212. directory to yourPATH
- 213. if you have not already:
- 214. bash
- 215. zsh
- 216. bash
- 217. echo
- 218. "export PATH=
- 219. PATH
- 220. :/usr/local/go/bin:
- 221. HOME
- 222. /go/bin"
- 223.
- 224. HOME
- 225. /.bash_profile
- 226. source
- 227. HOME
- 228. /.bash_profile
- 229. echo
- 230. "export PATH=
- 231. PATH
- 232. :/usr/local/go/bin:
- 233. HOME
- 234. /go/bin"
- 235.

```
237. /.bash_profile
238. source
239. HOME
240. /.bash_profile
241. bash
242. echo
243. "export PATH=
244. PATH
245. :/usr/local/go/bin:
246. HOME
247. /go/bin"
248.
249. HOME
250. /.zshrc
251. source
252. HOME
253. /.zshrc
254. echo
255. "export PATH=
256. PATH
257. :/usr/local/go/bin:
258. HOME
259. /go/bin"
260.
261. HOME
262. /.zshrc
263. source
264. HOME
265. /.zshrc
266. TIP
267. Useecho SHELL
268. to figure out what type of shell you are using!
269. To verify that the correct version of Go was installed correctly run:
270. bash
271. go
272. version
273. go
274. version
```

236. HOME

The output will show the version installed. [<u>I Edit this page on GitHub</u>] Last updated: <u>Previous page Deciding which node to run Next page Install celestia-node</u> []