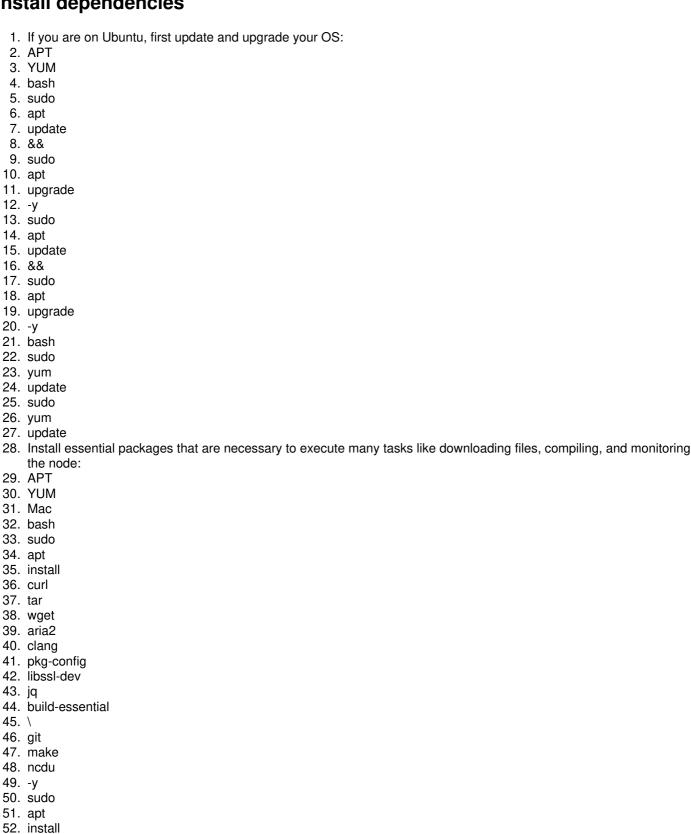
### **Development environment**

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. brew117. install118. 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
```

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. "1.21.1"
 9. ver
10. =
11. "1.21.1"
12. bash
13. ver
14. =
15. "1.21.1"
16. ver
17. =
18. "1.21.1"
19. bash
20. ver
21. =
22. "1.21.1"
23. ver
24. =
25. "1.21.1"
26. Download and install Golang:
27. Ubuntu (AMD)
28. Ubuntu (ARM)
29. Mac (Apple)
30. Mac (Intel)
31. bash
```

- 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.

```
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. To verify that the correct version of Go was installed correctly run:
267. bash
268. go
269. version
270. go
271. version
```

236. HOME 237. /.bash\_profile

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