

OpenSCAD

Il est aussi possible d'utiliser des variables, boucles ou conditions, pour réaliser des objets paramétriques.

<https://github.com/openscad>

- <https://ochafik.com/openscad/>
- <https://openscad.cloud/openscad/>

Cheat Sheet

Types	NumPy Functions	Lists	Functions
<pre> int = int() float = float() str = str() bool = bool() complex = complex() range = range() list = list() tuple = tuple() dict = dict() set = set() frozenset = frozenset() bytes = bytes() bytearray = bytearray() memoryview = memoryview() </pre>	<pre> 1. dtype 2. ndarray 3. array 4. fromfunction 5. zeros 6. ones 7. full 8. empty 9. arange 10. linspace 11. logspace 12. meshgrid 13. stack 14. concatenate 15. append 16. insert 17. delete 18. take 19. take_along_axis 20. put 21. put_along_axis 22. copy 23. copyto 24. swapaxes 25. transpose 26. ravel 27. reshape 28. flatten 29. astype 30. view 31. newbyteorder 32. newbuffer 33. newstridedslice 34. newarray 35. newfrombuffer 36. newfancy 37. newfortran 38. newlist 39. newmap 40. newobject 41. newstr 42. newstring 43. newunicode 44. newvoid 45. newzarray 46. newatleast_1d 47. newatleast_2d 48. newatleast_3d 49. newatleast_4d 50. newatleast_5d 51. newatleast_6d 52. newatleast_7d 53. newatleast_8d 54. newatleast_9d 55. newatleast_10d 56. newatleast_11d 57. newatleast_12d 58. newatleast_13d 59. newatleast_14d 60. newatleast_15d 61. newatleast_16d 62. newatleast_17d 63. newatleast_18d 64. newatleast_19d 65. newatleast_20d 66. newatleast_21d 67. newatleast_22d 68. newatleast_23d 69. newatleast_24d 70. newatleast_25d 71. newatleast_26d 72. newatleast_27d 73. newatleast_28d 74. newatleast_29d 75. newatleast_30d 76. newatleast_31d 77. newatleast_32d 78. newatleast_33d 79. newatleast_34d 80. newatleast_35d 81. newatleast_36d 82. newatleast_37d 83. newatleast_38d 84. newatleast_39d 85. newatleast_40d 86. newatleast_41d 87. newatleast_42d 88. newatleast_43d 89. newatleast_44d 90. newatleast_45d 91. newatleast_46d 92. newatleast_47d 93. newatleast_48d 94. newatleast_49d 95. newatleast_50d 96. newatleast_51d 97. newatleast_52d 98. newatleast_53d 99. newatleast_54d 100. newatleast_55d 101. newatleast_56d 102. newatleast_57d 103. newatleast_58d 104. newatleast_59d 105. newatleast_60d 106. newatleast_61d 107. newatleast_62d 108. newatleast_63d 109. newatleast_64d 110. newatleast_65d 111. newatleast_66d 112. newatleast_67d 113. newatleast_68d 114. newatleast_69d 115. newatleast_70d 116. newatleast_71d 117. newatleast_72d 118. newatleast_73d 119. newatleast_74d 120. newatleast_75d 121. newatleast_76d 122. newatleast_77d 123. newatleast_78d 124. newatleast_79d 125. newatleast_80d 126. newatleast_81d 127. newatleast_82d 128. newatleast_83d 129. newatleast_84d 130. newatleast_85d 131. newatleast_86d 132. newatleast_87d 133. newatleast_88d 134. newatleast_89d 135. newatleast_90d 136. newatleast_91d 137. newatleast_92d 138. newatleast_93d 139. newatleast_94d 140. newatleast_95d 141. newatleast_96d 142. newatleast_97d 143. newatleast_98d 144. newatleast_99d 145. newatleast_100d 146. newatleast_101d 147. newatleast_102d 148. newatleast_103d 149. newatleast_104d 150. newatleast_105d 151. newatleast_106d 152. newatleast_107d 153. newatleast_108d 154. newatleast_109d 155. newatleast_110d 156. newatleast_111d 157. newatleast_112d 158. newatleast_113d 159. newatleast_114d 160. newatleast_115d 161. newatleast_116d 162. newatleast_117d 163. newatleast_118d 164. newatleast_119d 165. newatleast_120d 166. newatleast_121d 167. newatleast_122d 168. newatleast_123d 169. newatleast_124d 170. newatleast_125d 171. newatleast_126d 172. newatleast_127d 173. newatleast_128d 174. newatleast_129d 175. newatleast_130d 176. newatleast_131d 177. newatleast_132d 178. newatleast_133d 179. newatleast_134d 180. newatleast_135d 181. newatleast_136d 182. newatleast_137d 183. newatleast_138d 184. newatleast_139d 185. newatleast_140d 186. newatleast_141d 187. newatleast_142d 188. newatleast_143d 189. newatleast_144d 190. newatleast_145d 191. newatleast_146d 192. newatleast_147d 193. newatleast_148d 194. newatleast_149d 195. newatleast_150d 196. newatleast_151d 197. newatleast_152d 198. newatleast_153d 199. newatleast_154d 200. newatleast_155d 201. newatleast_156d 202. newatleast_157d 203. newatleast_158d 204. newatleast_159d 205. newatleast_160d 206. newatleast_161d 207. newatleast_162d 208. newatleast_163d 209. newatleast_164d 210. newatleast_165d 211. newatleast_166d 212. newatleast_167d 213. newatleast_168d 214. newatleast_169d 215. newatleast_170d 216. newatleast_171d 217. newatleast_172d 218. newatleast_173d 219. newatleast_174d 220. newatleast_175d 221. newatleast_176d 222. newatleast_177d 223. newatleast_178d 224. newatleast_179d 225. newatleast_180d 226. newatleast_181d 227. newatleast_182d 228. newatleast_183d 229. newatleast_184d 230. newatleast_185d 231. newatleast_186d 232. newatleast_187d 233. newatleast_188d 234. newatleast_189d 235. newatleast_190d 236. newatleast_191d 237. newatleast_192d 238. newatleast_193d 239. newatleast_194d 240. newatleast_195d 241. newatleast_196d 242. newatleast_197d 243. newatleast_198d 244. newatleast_199d 245. newatleast_200d 246. newatleast_201d 247. newatleast_202d 248. newatleast_203d 249. newatleast_204d 250. newatleast_205d 251. newatleast_206d 252. newatleast_207d 253. newatleast_208d 254. newatleast_209d 255. newatleast_210d 256. newatleast_211d 257. newatleast_212d 258. newatleast_213d 259. newatleast_214d 260. newatleast_215d 261. newatleast_216d 262. newatleast_217d 263. newatleast_218d 264. newatleast_219d 265. newatleast_220d 266. newatleast_221d 267. newatleast_222d 268. newatleast_223d 269. newatleast_224d 270. newatleast_225d 271. newatleast_226d 272. newatleast_227d 273. newatleast_228d 274. newatleast_229d 275. newatleast_230d 276. newatleast_231d 277. newatleast_232d 278. newatleast_233d 279. newatleast_234d 280. newatleast_235d 281. newatleast_236d 282. newatleast_237d 283. newatleast_238d 284. newatleast_239d 285. newatleast_240d 286. newatleast_241d 287. newatleast_242d 288. newatleast_243d 289. newatleast_244d 290. newatleast_245d 291. newatleast_246d 292. newatleast_247d 293. newatleast_248d 294. newatleast_249d 295. newatleast_250d 296. newatleast_251d 297. newatleast_252d 298. newatleast_253d 299. newatleast_254d 300. newatleast_255d 301. newatleast_256d 302. newatleast_257d 303. newatleast_258d 304. newatleast_259d 305. newatleast_260d 306. newatleast_261d 307. newatleast_262d 308. newatleast_263d 309. newatleast_264d 310. newatleast_265d 311. newatleast_266d 312. newatleast_267d 313. newatleast_268d 314. newatleast_269d 315. newatleast_270d 316. newatleast_271d 317. newatleast_272d 318. newatleast_273d 319. newatleast_274d 320. newatleast_275d 321. newatleast_276d 322. newatleast_277d 323. newatleast_278d 324. newatleast_279d 325. newatleast_280d 326. newatleast_281d 327. newatleast_282d 328. newatleast_283d 329. newatleast_284d 330. newatleast_285d 331. newatleast_286d 332. newatleast_287d 333. newatleast_288d 334. newatleast_289d 335. newatleast_290d 336. newatleast_291d 337. newatleast_292d 338. newatleast_293d 339. newatleast_294d 340. newatleast_295d 341. newatleast_296d 342. newatleast_297</pre>		

En PDF :

openscad v2021.01 cheatsheet.pdf

Trucs

Debug

voir https://en.wikibooks.org/wiki/OpenSCAD_User_Manual/Modifier_Characters

Par exemple :

```
#cylinder (h = 10, r = 5); // intégrer l'objet dans le rendu et le rendre visible en rose pâle
```

Ressources, tutoriels

- https://en.wikibooks.org/wiki/OpenSCAD_User_Manual
- <http://www.tridimake.com/2014/09/how-to-use-openscad-tricks-and-tips-to.html>
- <https://edutechwiki.unige.ch/fr/OpenSCAD>

Ressources complémentaires

Cubes biseautés : <https://danielupshaw.com/openscad-rounded-corners/>

Article extrait de : <http://lesporteslogiques.net/wiki/> - **WIKI Les Portes Logiques**

Adresse : <http://lesporteslogiques.net/wiki/ressource/logiciel/openscad?rev=1749913406>

Article mis à jour: **2025/06/14 17:03**