Use environment variables

You can use environment variables to compile your Snap. This is useful if you want to use different variables for testing your Snap locally and publishing your Snap. You can use environment variables[on the command line](#) or[in a.env file](#) .

note In addition to the environment variables you set, the following environment variables are set by the Snaps CLI:

- NODE_ENV="production"
- NODE_DEBUG=false
- DEBUG=false

Use environment variables on the command line

1. Specify environment variables on the command line.
2. For example:
3. PUBLIC_KEY
4. =
5. abc123
6. SNAP_ENV
7. =
8. dev
9. Build your Snap using the[Snaps CLI](#)
10. :
11. yarn
12. mm-snap build

Use environment variables in a.env

file

1. Specify environment variables in a.env
2. file.
3. For example:
4. .env
5. PUBLIC_KEY=abc123
6. SNAP_ENV=dev
7. Specify the environment variables in your Snap's[configuration file](#)
8. using theenvironment
9. option.
10. For example:
11.
    - JavaScript
12.
    - TypeScript
13. snap.config.js
14. require
15. (
16. "dotenv"
17.)
18. .
19. config
20. (
21.)
22. ;
23. module
24. .
25. exports
26. =
27. {
28. environment
29. :
30. {
31. SNAP_ENV
32. :
33. process
34. .
35. env

```
36. .
37. SNAP_ENV
38. ,
39. PUBLIC_KEY
40. :
41. process
42. .
43. env
44. .
45. PUBLIC_KEY
46. ,
47. }
48. ,
49. // Other options.
50. }
51. ;
52. snap.config.ts
53. import
54. type
55. {
56. SnapConfig
57. }
58. from
59. "@metamask/snaps-cli"
60. ;
61. import
62. *
63. as
64. dotenv
65. from
66. "dotenv"
67. ;
68. dotenv
69. .
70. config
71. (
72. )
73. ;
74. const
75. config
76. :
77. SnapConfig
78. =
79. {
80. environment
81. :
82. {
83. SNAP_ENV
84. :
85. process
86. .
87. env
88. .
89. SNAP_ENV
90. ,
91. PUBLIC_KEY
92. :
93. process
94. .
95. env
96. .
97. PUBLIC_KEY
98. ,
99. }
100. ,
101. // Other options.
102. }
103. ;
```

104. export
105. default
106. config
107. ;
108. You can also use environment variables directly in your Snap.
109. For example:
110. index.ts
111. import
112. {
113. panel
114. ,
115. text
116. ,
117. heading
118. }
119. from
120. "@metamask/snaps-sdk"
121. ;
122. await
123. snap
124. .
125. request
126. (
127. {
128. method
129. :
130. "snap_dialog"
131. ,
132. params
133. :
134. {
135. type
136. :
137. "alert"
138. ,
139. content
140. :
141. panel
142. (
143. [
144. heading
145. (
146. "This custom alert is just for display purposes."
147.)
148. ,
149. text
150. (
151. `
152. SNAP_ENV is
153. {
154. process
155. .
156. env
157. .
158. SNAP_ENV
159. }
160. , PUBLIC_KEY is
161. {
162. process
163. .
164. env
165. .
166. PUBLIC_KEY
167. }
168. `
169.)
170. ,
171.]

172.)
173. ,
174. }
175. ,
176. }
177.)
178. ;

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