Example 1: Original env docCommand, big vskip between adjacent items

```
1  % \tcbuselibrary{documentation}
2
   \begin{docCommand}
4    [doc description=\oarg{input sep} defaults to \Verb|>|]
     {menu}
6    {\oarg{input sep}\marg{menu sequence}}
   \end{docCommand}
8  %
   \begin{docCommand}{directory}{\oarg{input sep}\marg{menu
   ↪    sequence}}
10 \end{docCommand}
   %
12 \begin{docCommand}{keys}{\oarg{input sep}\marg{menu sequence}}
     \lipsum[23]
14 \end{docCommand}
```

\menu[⟨*input sep*⟩]{⟨*menu sequence*⟩}   ([⟨*input sep*⟩] defaults to >)

\directory[⟨*input sep*⟩]{⟨*menu sequence*⟩}

\keys[⟨*input sep*⟩]{⟨*menu sequence*⟩}

Donec et nisl id sapien blandit mattis. Aenean dictum odio sit amet risus. Morbi purus. Nulla a est sit amet purus venenatis iaculis. Vivamus viverra purus vel magna. Donec in justo sed odio malesuada dapibus. Nunc ultrices aliquam nunc. Vivamus facilisis pellentesque velit. Nulla nunc velit, vulputate dapibus, vulputate id, mattis ac, justo. Nam mattis elit dapibus purus. Quisque enim risus, congue non, elementum ut, mattis quis, sem. Quisque elit.

Example 2: New env `docCommands`, zero vskip between adjacent items

```
1  \begin{docCommands}{
2    {menu}
       {\oarg{input sep}\marg{menu sequence}}
4      {\oarg{input sep} defaults to \Verb|>|},
     {directory}
6      {\oarg{input sep}\marg{menu sequence}}
       {\oarg{input sep} defaults to \Verb|/|},
8    {keys}
       {\oarg{input sep}\marg{menu sequence}}
10     {\oarg{input sep} defaults to \Verb|+|}}
     \lipsum[23]
12 \end{docCommands}
```

$\textbf{\menu}[\langle input\ sep\rangle]\{\langle menu\ sequence\rangle\}$ ([⟨*input sep*⟩] defaults to >)
$\textbf{\directory}[\langle input\ sep\rangle]\{\langle menu\ sequence\rangle\}$[⟨*input sep*⟩] defaults to /)
$\textbf{\keys}[\langle input\ sep\rangle]\{\langle menu\ sequence\rangle\}$ ([⟨*input sep*⟩] defaults to +)

Donec et nisl id sapien blandit mattis. Aenean dictum odio sit amet risus. Morbi purus. Nulla a est sit amet purus venenatis iaculis. Vivamus viverra purus vel magna. Donec in justo sed odio malesuada dapibus. Nunc ultrices aliquam nunc. Vivamus facilisis pellentesque velit. Nulla nunc velit, vulputate dapibus, vulputate id, mattis ac, justo. Nam mattis elit dapibus purus. Quisque enim risus, congue non, elementum ut, mattis quis, sem. Quisque elit.

Example 3: New env docCommands, test for length = 2

```
1  \begin{docCommands}{
2    {menu}
       {\oarg{input sep}\marg{menu sequence}}
4      {\oarg{input sep} defaults to \Verb|>|},
     {directory}
6      {\oarg{input sep}\marg{menu sequence}}
       {\oarg{input sep} defaults to \Verb|/|}}
8    \lipsum[23]
   \end{docCommands}
```

\menu[⟨*input sep*⟩]{⟨*menu sequence*⟩}   ([⟨*input sep*⟩] defaults to >)
\directory[⟨*input sep*⟩]{⟨*menu sequence*⟩}[⟨*input sep*⟩] defaults to /)

    Donec et nisl id sapien blandit mattis. Aenean dictum odio sit amet risus. Morbi purus. Nulla a est sit amet purus venenatis iaculis. Vivamus viverra purus vel magna. Donec in justo sed odio malesuada dapibus. Nunc ultrices aliquam nunc. Vivamus facilisis pellentesque velit. Nulla nunc velit, vulputate dapibus, vulputate id, mattis ac, justo. Nam mattis elit dapibus purus. Quisque enim risus, congue non, elementum ut, mattis quis, sem. Quisque elit.

Example 4: New env docCommands, test for length = 1

```
1  \begin{docCommands}{
2    {menu}
       {\oarg{input sep}\marg{menu sequence}}
4      {\oarg{input sep} defaults to \Verb|>|}}
     \lipsum[23]
6  \end{docCommands}
```

\menu[⟨*input sep*⟩]{⟨*menu sequence*⟩}   ([⟨*input sep*⟩] defaults to >)

    Donec et nisl id sapien blandit mattis. Aenean dictum odio sit amet risus. Morbi purus. Nulla a est sit amet purus venenatis iaculis. Vivamus viverra purus vel magna. Donec in justo sed odio malesuada dapibus. Nunc ultrices aliquam nunc. Vivamus facilisis pellentesque velit. Nulla nunc velit, vulputate dapibus, vulputate id, mattis ac, justo. Nam mattis elit dapibus purus. Quisque enim risus, congue non, elementum ut, mattis quis, sem. Quisque elit.

```
Example 5: New env docCommands-keyvals

1  \begin{docCommands-keyvals}
2    {
      name = menu,
4      para = \oarg{input sep}\marg{menu sequence},
      desc = \oarg{input sep} defaults to \Verb|>|
6    }
    [
8    {
        name = directory,
10        desc = \oarg{input sep} defaults to \Verb|/|
      },
12    {
        name = keys,
14        desc = \oarg{input sep} defaults to \Verb|+|
      }
16    ]
    content
18  \end{docCommands-keyvals}
```

\menu[⟨*input sep*⟩]{⟨*menu sequence*⟩}   ([⟨*input sep*⟩] defaults to >)
\directory[⟨*input sep*⟩]{⟨*menu sequence*⟩}[⟨*input sep*⟩] defaults to /)
\keys[⟨*input sep*⟩]{⟨*menu sequence*⟩}   ([⟨*input sep*⟩] defaults to +)

content

4

Example 6: New env `docCommands-keyvals`, document `\newtheorem` from `amsthm` package

```
1  \begin{docCommands-keyvals}
2    {
       name = newtheorem,
4      para = \marg{envname},
     }
6    [
       para = \marg{envname}\oarg{numbered within},
8      para = \oarg{numbered like}\marg{envname},
       {
10       name = newtheorem*,
         desc = unnumberd theorem
12     }
     ]
14   content
   \end{docCommands-keyvals}
```

\newtheorem{⟨*envname*⟩}
\newtheorem{⟨*envname*⟩}[⟨*numbered within*⟩]
\newtheorem[⟨*numbered like*⟩]{⟨*envname*⟩}
\newtheorem*{⟨*envname*⟩}   (unnumberd theorem)

  content