

# Hide/Show Code Blocks

Operation	Keystroke	Function	Note
<a href="#">HideShow Minor Mode</a>	<p>When working with source code files, you can use the Hide/Show minor mode to collapse and expand blocks of code, where the concept of “<i>block of code</i>” depends on the specific programming language. For example C-like programming language use braces to delimit blocks, while in Lisp languages use parentheses for all blocking.</p> <ul style="list-style-type: none"><li>When a block is hidden (collapsed) it is replaced by “...” surrounded by the block delimiter of the specific programming language.</li></ul> <p>👉 The PEL commands below are all invoked via the <b>&lt;f11&gt; /</b> key prefix and can be used anytime since they activates the Hide/Show mode if it is not already active. This is not so for the standard Emacs commands bound to the <b>C-c @</b> key prefix: for those you must activate the Hide/Show mode explicitly to activate the key prefix.</p> <p>👉 Once the Hide/Show minor mode is active the mode-line will show “hs” and the <b>C-c @</b> key prefix is available. If you want to restore everything in view, turn the mode and remove availability of the <b>C-c @</b> key prefix turn the mode off. PEL provides the <b>&lt;f11&gt; //</b> key for that (it also activates the mode).</p> <p>👉 This is <b>not</b> limited to C-like or Lisp-like programming languages. It works with Python and most other programming languages.</p>		
Toggle Hide/Show Minor Mode	<b>&lt;f11&gt; / /</b>	(hs-minor-mode &optional ARG)	Toggle Hide/Show minor mode to selectively hide/show code and comment blocks. <ul style="list-style-type: none"><li>With a prefix argument ARG, enable the mode if ARG is positive, and disable it otherwise.</li><li>When hideshow minor mode is on:<ul style="list-style-type: none"><li>The menu bar is augmented with hideshow commands and the hideshow commands are enabled.</li><li>The line-mode shows ‘hs’.</li></ul></li></ul>
Toggle visibility of all blocks in buffer	<b>&lt;f11&gt; / a</b>	(pel-toggle-hide-all)	Toggle hide/show of all blocks. <ul style="list-style-type: none"><li>Activates the Hide/Show mode if not already active (and hide all blocks)</li></ul>
Toggle visibility of current block	<ul style="list-style-type: none"><li><b>&lt;f11&gt; / b</b></li><li><b>C-c @ C-c</b></li><li><b>C-c @ C-e</b></li></ul>	<ul style="list-style-type: none"><li>(pel-toggle-hide-block)</li><li>(hs-toggle-hiding)</li></ul>	Toggle hide/show of current block.
Hide (collapse) current block	<ul style="list-style-type: none"><li><b>&lt;f11&gt; / h</b></li><li><b>C-c @ C-h</b></li><li><b>C-c @ C-d</b></li></ul>	<ul style="list-style-type: none"><li>(pel-hide-block &amp;optional END)</li><li>(hs-hide-block &amp;optional END)</li></ul>	Select a block and hide it. <ul style="list-style-type: none"><li>With prefix arg, reposition at END.</li></ul>
Show (expand) current block	<ul style="list-style-type: none"><li><b>&lt;f11&gt; / s</b></li><li><b>C-c @ C-s</b></li></ul>	<ul style="list-style-type: none"><li>(pel-show-block &amp;optional END)</li><li>(hs-show-block &amp;optional END)</li></ul>	Select a block and show it. <ul style="list-style-type: none"><li>With prefix arg, reposition at END.</li></ul>
Hide (collapse) all blocks in buffer	<ul style="list-style-type: none"><li><b>&lt;f11&gt; / H</b></li><li><b>C-c @ C-M-h</b></li><li><b>C-c @ C-t</b></li></ul>	(pel-hide-all) (hs-hide-all)	Hide all top level blocks, displaying only first and last lines.
Show (expand) all blocks in buffer	<ul style="list-style-type: none"><li><b>&lt;f11&gt; / S</b></li><li><b>C-c @ C-M-s</b></li><li><b>C-c @ C-a</b></li></ul>	(pel-show-all) (hs-show-all)	Show all blocks.
Hide all blocks 1 level below current block	<b>&lt;f11&gt; / 1</b>	(pel-hide-level-1)	Hide all blocks 1 level below the current block. 👉 Useful in language like Python to show the methods of a class.
Hide all blocks 2 level below current block	<b>&lt;f11&gt; / 2</b>	(pel-hide-level-2)	Hide all blocks 2 level below the current block.
Hide all blocks 3 level below current block	<b>&lt;f11&gt; / 3</b>	(pel-hide-level-3)	Hide all blocks 3 level below the current block.
Hide all blocks 4 level below current block	<b>&lt;f11&gt; / 4</b>	(pel-hide-level-4)	Hide all blocks 4 level below the current block.
Hide all blocks N levels below this block.	<b>C-u n C-c @ C-1</b>	(hs-hide-level ARG)	Hide all blocks ARG levels below this block. <ul style="list-style-type: none"><li>Like all other commands that take a numeric argument, the numeric argument (shown in the keystroke column as <b>C-u n</b>, can also be typed with the <b>M-number</b>)</li></ul>

## Hide/Show Code Blocks — References

Topic & Link	Description
<a href="#">GNU Emacs Manual - Hideshow minor mode</a>	Emacs section that describes the Hide/Show minor mode.