

# 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> <p>👉 You may want to hide comments as well when collapsing code: you can use <b>&lt;f11&gt; ; -</b> to toggle visibility of comments, see <a href="#">ℹ Comments</a> table for more info on this.)</p>		
Toggle Hide/Show Minor Mode	<b>&lt;f11&gt; / /</b>	( <b>hs-minor-mode</b> &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>	( <b>pel-toggle-hide-all</b> )	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>(<b>pel-toggle-hide-block</b>)</li><li>(<b>hs-toggle-hiding</b>)</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>(<b>pel-hide-block</b> &amp;optional END)</li><li>(<b>hs-hide-block</b> &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>(<b>pel-show-block</b> &amp;optional END)</li><li>(<b>hs-show-block</b> &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>	( <b>pel-hide-all</b> ) ( <b>hs-hide-all</b> )	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>	( <b>pel-show-all</b> ) ( <b>hs-show-all</b> )	Show all blocks.
Hide all blocks 1 level below current block	<b>&lt;f11&gt; / 1</b>	( <b>pel-hide-level-1</b> )	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>	( <b>pel-hide-level-2</b> )	Hide all blocks 2 level below the current block.
Hide all blocks 3 level below current block	<b>&lt;f11&gt; / 3</b>	( <b>pel-hide-level-3</b> )	Hide all blocks 3 level below the current block.
Hide all blocks 4 level below current block	<b>&lt;f11&gt; / 4</b>	( <b>pel-hide-level-4</b> )	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>	( <b>hs-hide-level</b> 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.