

Menus and iMenu

Description	Keystroke	Function	Notes / Example description
<div>Emacs Menus</div> <div>Emacs iMenu</div> <div>See also:<ul style="list-style-type: none"><li>» Completion/Input</li><li>» Navigation</li></ul></div>	<div>Emacs has several <b>top-level general purpose menus</b>:</div> <div><div>1.</div><div>The MenuBar is accessible when Emacs is running in graphics mode as well as when it is running in text terminal mode.<ul style="list-style-type: none"><li>In graphics mode, Emacs its MEnubar (the global menu) in the location controlled by the Operating System. For example, on macOS, the graphical mode Emacs Menu bar shows in the macOS menu bar. You can also open a local view of the MenuBar with <b>&lt;f10&gt;</b> the key; it shows overlapped on top of the current Emacs frame.</li><li>In text terminal mode, Emacs MenuBar is displayed only when explicitly requested (for example, by the <b>&lt;f10&gt;</b> key).</li></ul></div><div>2.</div><div>The Buffer Menu, which list all menus. This opens locally, piping-up over the current frame when using the <b>C-<b>&lt;f10&gt;</b></b> key.</div></div> <div>It also provides the <b>iMenu facility</b> used to find major definitions in a file by their names.<ul style="list-style-type: none"><li>The iMenu system comes with a simple user interface providing tab-completion list.</li><li>The iMenu items can also be displayed in the Index section of the MenuBar and the BufferMenu.</li><li> The iMenu behaviour and user interface can be modified and extended by several external packages.<div>PEL provides the following customization control which provides access to some of these packages:</div><ul style="list-style-type: none"><li><b>pel-imenu-follows-order-p</b> user-option controls whether entries are sorted or follows the order of declaration in the file.</li><li> <b>flimenu</b> external package  activated by <b>pel-use-flimenu</b> user-option, controls whether iMenu lists are flatten or hierarchical.</li><li> <b>imenu+</b> external library  activated by <b>pel-use-imenu+</b> user-option, extends the basic iMenu with sorting options, bookmarks, index.</li><li> <b>imenu-anywhere</b> external package  activated by <b>pel-use-imenu-anywhere</b> user-option is used by <b>pel-goto-symbol-any-buffer</b> to jump to symbol definition of any buffer using one of the following input completion method. The user-option must be set to one of the following values:<ul style="list-style-type: none"><li>Use emacs-default: basic Emacs completion. Use tab to see possible matches.</li><li>Use Ido.  <b>pel-use-ido</b> must be turned on.</li><li>Use Ivy.  Requires <b>Ivy mode</b> <b>pel-use-ivy</b> must be on.</li><li>Use helm.  Requires <b>Helm mode</b> <b>pel-use-helm</b> must be turned on.</li></ul></li><li> <b>imenu-extra</b> external package  activated by <b>pel-use-imenu-extra</b> user-option, adds menu entries extracted from the major mode.</li><li> <b>popup-imenu</b> external package  activated by <b>pel-use-popup-imenu</b> user-option, provides one pop-up menu for the iMenu content.</li><li> <b>popup-switcher</b> external package  activated by <b>pel-use-popup-switcher</b> user-option, provides the same as popup-imenu and more.</li></ul></li></ul></div>		
Open this PDF file. See also: » Help/Info	<b>&lt;f11&gt; &lt;f10&gt; &lt;f1&gt;</b>	( <b>pel-help-pdf</b> &optional OPEN-WEB-PAGE)	Open the local copy of the » <b>Menus</b> PDF file unless a command prefix (like <b>C-u</b> ) was used. In that case it opens the Github-hosted file instead.
» <b>Customize</b> PEL imenu support	<b>&lt;f11&gt; &lt;f10&gt; &lt;f2&gt;</b>	( <b>pel-customize-pel</b> &optional OTHER-WINDOW)	Customize PEL imenu support. Provides access to: <ul style="list-style-type: none"><li><b>pel-imenu-follows-order-p</b></li><li><b>pel-use-flimenu</b></li><li><b>pel-use-imenu+</b></li><li><b>pel-use-imenu-anywhere</b></li><li><b>pel-use-imenu-extra</b></li><li><b>pel-use-popup-imenu</b></li><li><b>pel-use-popup-switcher</b></li></ul> <ul style="list-style-type: none"><li>If OTHER-WINDOW is non-nil (use <b>C-u</b>), display in another window.</li></ul>
» <b>Customize</b> Emacs menu mechanism	<b>&lt;f11&gt; &lt;f10&gt; &lt;f3&gt;</b>	( <b>pel-customize-library</b> &optional OTHER-WINDOW)	Customize Emacs packages related to menu and imenu. Provides access to the customization of: <ul style="list-style-type: none"><li><b>menu</b></li><li><b>imenu</b></li><li><b>lmenu-Plus</b></li><li><b>flimenu</b></li><li><b>popup-imenu</b></li><li><b>popup-switcher</b></li></ul> <ul style="list-style-type: none"><li>When a prefix argument (like <b>C-u</b>) opens the buffer inside another window.</li></ul>
Using Emacs MenuBar	<div>The MenuBar shows when the <b>menu-bar-mode</b> is active. It is active by default.</div> <div><ul style="list-style-type: none"><li>In graphics mode, the MenuBar does not take any extra space, as opposed to the extra row at the top of the frame in text terminal mode.</li><li>If it is not active, hitting <b>&lt;f10&gt;</b> will open the menu inside the minibuffer are (as <b>&lt;f11&gt; &lt;f10&gt;</b> does).</li><li>To activate or de-activate the menu-bar-mode, use the <b>&lt;f11&gt; C-<b>&lt;f10&gt;</b></b> key stroke.</li></ul></div>		
Open main menu	<b>&lt;f10&gt;</b>	( <b>menu-bar-open</b> &optional FRAME)	Start key navigation of the menu bar in current frame.
Open main menu in Minibuffer	<b>&lt;f11&gt; &lt;f10&gt; t</b>	( <b>tmm-menubar</b> &optional X-POSITION)	<div>Opens Emacs menu in the minibuffer instead of the graphical or text pop-up menu. Useful from the keyboard.</div> <div>  The standard binding for this command is <b>M-`</b>. But PEL re-binds <b>M-`</b> to something else.</div> <div> Once the Index has been added to the menu (see below), you can use the <b>&lt;f11&gt;&lt;f10&gt; i</b> keys to list the items in the minibuffer. The list provided is not shown in order though. The MenuBar Index section is listed in order.</div>
Toggle MenuBar Mode	<b>&lt;f11&gt; &lt;f10&gt; B</b>	( <b>menu-bar-mode</b> &optional ARG)	<div>Toggle display of a menu bar on each frame (Menu Bar mode).</div> <div><ul style="list-style-type: none"><li>With a prefix argument ARG, enable Menu Bar mode if ARG is positive, and disable it otherwise.</li><li>This command applies to all frames that exist and frames to be created in the future.</li></ul></div>
Emacs IMenu, Index of items in buffer.	<div>Emacs IMenu (index menu) facility provides a menu of the file's items: variables and function definitions for a programming language file, for example, or list of document sections for a <b>reStructuredText</b> or <b>Markdown</b> text file.</div> <div>The imenu items can be displayed in several ways, with 3 of them controlled directly by the imenu library:</div> <div><ul style="list-style-type: none"><li>Under the Emacs MenuBar, as a drop-down menu under Index.<ul style="list-style-type: none"><li>This must first be activated. To activate it hit <b>&lt;f11&gt; &lt;f10&gt; I</b>. Then hit <b>&lt;f10&gt;</b> to open the MenuBar and navigate to the Index entry.</li></ul></li><li>Or one of the two representation, when the <b>imenu</b> command executes:<ul style="list-style-type: none"><li>As a <i>completion buffer</i> (the default). Type the symbol you search and use tab completion.<ul style="list-style-type: none"><li>Type <b>tab tab</b> to see the complete list. Hit <b>return</b> to select and move the point to the location of that item.</li></ul></li><li>As a <i>pop-up menu</i>.</li></ul></li></ul></div> <div>With PEL. you can dynamically change the following imenu properties:</div> <div><ul style="list-style-type: none"><li>toggle between showing the imenu entries in a hierarchical fashion or a flat list (if the number of items is smaller than imenu max size)</li><li>toggle between entries listed alphabetically or in order of appearance in the file with <b>pel-imenu-toggle-follows-order</b></li><li>toggle between using a completion buffer and a pop-up menu by executing the <b>pel-imenu-toggle-popup</b></li></ul></div>		
Add Buffer's IMenu to menu bar	<b>&lt;f11&gt; &lt;f10&gt; I</b>	( <b>imenu-add-menubar-index</b> )	<div>Activates the Index entry in the Menu bar for the current buffer. The MenuBar Index lists functions, variables, types, etc..</div> <div>Once created, the index is available on the MenuBar. It is also available via the following keystrokes: '<b>&lt;f11&gt;&lt;f10&gt; i</b>'</div>
Find definitions using IMenu	<ul style="list-style-type: none"><li><b>&lt;f11&gt; &lt;f10&gt; i</b></li><li><b>M-g i</b></li><li><b>M-g M-i</b></li></ul> <div>See also:<ul style="list-style-type: none"><li>» Completion/Input</li><li>» Navigation</li></ul></div>	( <b>imenu</b> INDEX-ITEM)	<div>Lists imenu-detected items from the current buffer (according to its major mode).</div> <div><ul style="list-style-type: none"><li>For example, in a elisp file, the entry points are the function definitions and may include the variables and other items depending what function does the parsing (it can be semantic which provides more information).</li></ul></div> <div>Provides one of the following interfaces to let user select entry to jump to:</div> <div><ul style="list-style-type: none"><li>The default: input completion, using the minibuffer window and tab completion.</li><li>a pop-up window : available in Graphics mode selected by mouse or in both graphics and terminal (TTY) modes when the <b>imenu-use-popup-menu</b> user-option is turned on.<ul style="list-style-type: none"><li>with PEL you can use <b>pel-imenu-toggle-popup</b> (bound to <b>M-g &lt;f4&gt; p</b>) to toggle the user interface used by <b>imenu</b>.</li></ul></li></ul></div>

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	👉 PEL provides the <b>pel-goto-symbol</b> bound to <b>M-g h</b> , to move point to the location of a symbol listed by <b>imenu</b> but also other user interfaces such as Ido, Ivy, Helm and some other popup menu mechanisms. See <a href="#">🔗 Completion/Input</a> and <a href="#">🔗 Navigation</a> .		
Toggle imenu between a hierarchical and a flat list.	<ul style="list-style-type: none"> <li>• <b>&lt;f11&gt; &lt;f10&gt; f</b></li> <li>• <b>M-g &lt;f4&gt; f</b></li> </ul>	(pel-imenu-toggle-flatten)	Toggles between imenu using a hierarchical menu (the default) and a flat menu. <ul style="list-style-type: none"> <li>• Note that when the number of items to display exceeds the maximum length of the imenu, there imenu will be split anyway in multiple sections and will end up being “hierarchical” but instead of being split by type of content, it will be split on type and by alphabetical names.</li> <li>• 🖱️ The maximum number of entries in a imenu list is controlled by 2 imenu user-options: <ul style="list-style-type: none"> <li>• imenu-max-items: size limit of a pop-up imenu.</li> <li>• imenu-max-item-length: size limit of a drop down imenu</li> </ul> </li> </ul> 📦 Requires <a href="#">flimenu</a> external package <a href="#">🔗</a> activated by <b>pel-use-flimenu</b> user-option.
Toggle order of appliance in the imenu	<ul style="list-style-type: none"> <li>• <b>&lt;f11&gt; &lt;f10&gt; o</b></li> <li>• <b>M-g &lt;f4&gt; o</b></li> </ul>	(pel-imenu-toggle-follows-order)	Changes the order of entries in the imenu between the default and the order of appearance of the symbols in the buffer. 🖱️ Set the default with the <b>pel-imenu-index-follows-order-p</b> user-option.
Toggle imenu I/F between completion buffer and pop-up menu	<ul style="list-style-type: none"> <li>• <b>&lt;f11&gt; &lt;f10&gt; p</b></li> <li>• <b>M-g &lt;f4&gt; p</b></li> </ul>	(pel-imenu-toggle-popup &optional IN-CURRENT-BUFFER)	Toggle the use of pop-up menu versus completion buffer for imenu. <ul style="list-style-type: none"> <li>• By default this applies to imenu issued in all buffers, but with the IN-CURRENT-BUFFER argument set the change applies only to the current buffer.</li> </ul>
Toggle automatic imenu rescan	<ul style="list-style-type: none"> <li>• <b>&lt;f11&gt; &lt;f10&gt; R</b></li> <li>• <b>M-g &lt;f4&gt; R</b></li> </ul>	(pel-imenu-toggle-auto-rescan)	Toggle imenu automatic rescan <ul style="list-style-type: none"> <li>• Default is set by <b>imenu-auto-rescan</b> user-option.</li> </ul>
Force immediate imenu rescan	<b>&lt;f11&gt; &lt;f10&gt; r</b>	(pel-imenu-rescan)	Force imenu to immediately rescan the current buffer to find definitions.
Print imenu controlling variables  See also: <a href="#">🔗 Help/Info</a>	<b>&lt;f11&gt; ? e i</b>	(pel-imenu-dbg-print-vars)	Print the value of the imenu variables used to control the imenu functionality for the current buffer. <ul style="list-style-type: none"> <li>• Print this information in a “imenu-dbg” buffer.</li> <li>• Use this when investigating the imenu support for a major mode: use as a (currently primitive) Emacs development tool.</li> </ul>
<b>Emacs Buffer Menu</b>	The list of buffers is available via the Buffer popup-menu. It's also available via the buffer commands (see the Buffers table).		
Open buffer menu  See also: <a href="#">🔗 Buffers</a>	<ul style="list-style-type: none"> <li>• <b>C-&lt;f10&gt;</b></li> <li>• <b>&lt;C-down-mouse-1&gt;</b></li> </ul>	(buffer-menu-open)	Start key navigation of the buffer menu. <ul style="list-style-type: none"> <li>• List buffers in a drop-down menu. <ul style="list-style-type: none"> <li>• Lists the buffers by major-mode when several buffers of the same major-mode are opened.</li> </ul> </li> </ul> In graphics mode this can also be invoked using the <b>&lt;C-down-mouse-1&gt;</b>