

CUA Mode

Operation	Keystroke	Function	Note
The CUA Mode	<p>One of the main purpose of the cua-mode is to provide the main keys of the Common User Interface (CUA) that have become popular over the years in many editors and tools:</p> <ul style="list-style-type: none">• C-c : copy• C-v : paste• C-u : cut• C-z : undo <p>These bindings, however, conflict with standard Emacs bindings: C-c and C-x are prefixes to many other keys, C-d and C-z are used for other commands. The CUA mode C-c, C-u are only available when a region is marked. If you want to access the Emacs commands that use the C-c or C-x prefix when a region is marked you can type the prefix key twice very fast or type the entire chord very fast (less than .2 seconds).</p> <p>The cua-mode package provides another very useful feature: the cua-rectangle-mark-mode which allows operating on all lines of a rectangle area simultaneously, a great feature not already available in Emacs.</p> <p>The cua-mode is heavily customizable. The custom variable cua-enable-cua-keys can be set to nil to disable the use of cua-mode version of copy, paste, cut and undo. It is also possible to activate the cua-rectangle-mark-mode without activating the cua-mode itself.</p> <p>The PEL package uses the standard Emacs keys for copy, paste and cut, with some enhancements (see the Cut & Paste) table. And for the undo it uses the undo-tree package. The PEL package provides access to the cua-rectangle-mark-mode via the <f11>-R key binding. No code in PEL changes cua-mode custom variables, and you are therefore able to activate the cua-mode the way you see fit. PEL promotes using the cua-rectangle-mark-mode by itself, not the remainder of the cua-mode.</p> <p>👉 With PEL there's several other keys you can use to perform cut and paste operations. This makes the cue-mode less attractive. See » Cut & Paste.</p>		
Toggle CUA mode On/Off	M-x cua-mode	(cua-mode &optional ARG)	Toggle Common User Access style editing (CUA mode). <ul style="list-style-type: none">• With a prefix argument ARG, enable CUA mode if ARG is positive, and disable it otherwise• This normally activates CUA-compliant C-c, C-v, C-u and C-z keys. That can be modified via the value assigned to cua-enable-cua-keys.
Copy region to kill ring (in CUA mode)	C-c	(cua-copy-region ARG)	Copy the region to the kill ring. <ul style="list-style-type: none">• With numeric prefix arg, copy to register 0-9 instead. ⚠️ This works only when cua-mode is enabled!
	C-u	(cua-cut-region ARG)	Cut the region and copy to the kill ring. <ul style="list-style-type: none">• With numeric prefix arg, copy to register 0-9 instead.
	C-v	(cua-paste ARG)	Paste last cut or copied region or rectangle. <ul style="list-style-type: none">• An active region is deleted before executing the command.• With numeric prefix arg, paste from register 0-9 instead.• If global mark is active, copy from register or one character.
The following rows describe binding while CUA-mode is activated			
Changing size of marked rectangle	When a cua-rectangle mark is active, the following cursor keys can be used to move the rectangle without affecting the text content. Unfortunately the horizontal cursor keys do not work in terminal mode. The PEL package provides the <f11>-[and <f11>-] keys to help.		
Move rectangle up	M-<up>	(cua-move-rectangle-up)	Move the entire rectangle overlay (not the content) up.
Move rectangle down	M-<down>	(cua-move-rectangle-down)	Move the entire rectangle overlay (not the content) down.
Move rectangle left	<ul style="list-style-type: none">• M-<left>• <f11>-[(cua-move-rectangle-left)	Move the entire rectangle overlay (not the content) left.
Move rectangle right	<ul style="list-style-type: none">• M-<right>• <f11>-]	(cua-move-rectangle-right)	Move the entire rectangle overlay (not the content) right.
Select Rectangular region	<ul style="list-style-type: none">• <f11> RET• C-<RET>	<p>(pel-cua-rectangle-mark &optional REOPEN)</p> <ul style="list-style-type: none">• (cua-set-rectangle-mark)• (cua-clear-rectangle-mark)	Start CUA rectangle at mouse click position. C-<RET> is not available in terminal mode (since there is no ASCII Control-Return)
Rotate in rectangle	RET	(cua-rotate-rectangle)	Moves the cursor to the next (clockwise) corner of the rectangle, so you can easily expand it in any direction over the cursor to the next (clockwise) corner of the rectangle, so you can easily expand it in any direction
Help for rectangle	C-?	(cua-help-for-rectangle &optional HELP)	
Activate CUA selection mode without the C-c/C-v/C-u/C-z bindings		(cua-selection-mode ARG)	Turn CUA rectangle selection mode on. Then: <ul style="list-style-type: none">- C-<RET> turns it off- <RET> to cycle corners:<ul style="list-style-type: none">- when at top: insert on all lines after the rectangle,- when at bottom: insert on all lines before the rectangle- Other characters are inserted before/after the rectangle. <backspace> also works to delete, which can be used to un-indent!- (suspend-frame) is mapped to C-z but is also mapped to C-x C-z. So loosing C-z is not that bad.

CUA Mode - References

Topic & link	Notes
<u>CUA Mode - CUA Bindings @ GNU Emacs Manual</u>	The official description. Start reading here.
<u>Cua Mode @ EmacsWiki</u>	Overview of CUA-mode capabilities.
<u>Shift a region or line in emacs</u>	See second answer for description of the cua-selection-mode
<u>http://trey-jackson.blogspot.ca/2008/10/emacs-tip-26-cua-mode-specifically.html</u>	Has a suggestion to use C-SPC instead of C-RET and a little function that can detect which one to use.
<u>Decrease indentation on a couple of lines</u>	Talks about C-x <tab> bound to indent-rigidly
<u>Emacs Wiki - CUA Mode</u>	
<u>Youtube - cua mode - #1</u>	Shows how to use CUA mode with a vertical rectangle area to write the same text on each line at the right then at the left of the rectangle. Shows how to use it in a HTML file.
<u>Youtube - CUA Mode #2</u>	Another video on the same topic, sound is a bit louder but the hindi accent is strong.