Emacs support for AppleScript

Description	Keystroke	Function	Note
AppleScript Support	PEL provides basic support for macOS AppleScript. • PEL enables AppleScript editing and execution support when the **pel-use-applescript** user option is set to **t**. • PEL provides help for editing AppleScript files via the apples-mode external package. • On macOS systems, PEL also provide a key hydra you can use to narrate any text in buffer out-loud using macOS synthesized voices and commands to execute AppleScript commands and programs. These would normally only be supported by Emacs running in Graphics mode, but PEL provides a simple functions to use them inside Emacs running in Terminal (TTY) mode as well. • When editing an AppleScript file (a file with the .applescript or .scpt extension) the buffer is automatically placed in apples-mode and the **<f12>** key is used as the mode-specific prefix . The **<f11> SPC** is the global mode prefix for the AppleScript commands.		
Open this PDF file. See also: ∑ Help/Info	• **<f11> SPC a <f1>** • **<f12> <f1>**	(**pel-help-pdf** &optional OPEN-WEB-PAGE)	Open the local copy of the AppleScript PDF file unless a command prefix (like **C-u**) was used. In that case it opens the Github-hosted file instead.
Customize PEL AppleScript support. See also:∑ Customize	• **<f11> SPC a <f2>** • **<f12> <f2>**	(**pel-customize-pel** &optional OTHER-WINDOW)	Open the PEL customize group(s) for the current context: applescript. Use this to open to change PEL user option variables the activate and control the various Apple script features such as the name of the narrator voice. • When a prefix argument (like **C-u**) opens the buffer inside another window.
Customize Emacs built-in AppleScript support See also:∑ Customize	• **<f11> SPC a <f3>** • **<f12> <f3>**	(**pel-customize-library** &optional OTHER-WINDOW)	Customize Emacs **apples** group. • When a prefix argument (like **C-u**) opens the buffer inside another window. • Group belonging to files that have not yet been loaded are normally not accessible in Emacs and via the customize-group command. PEL, however, attempts to locate the file that defines a non-loaded customization group and will prompt you for loading the file if it finds it.
Open an AppleScript scratchpad buffer	• **<f11> SPC a s** • **<f12> s**	(**apples-open-scratch**)	Open scratch buffer for AppleScript editing. It is rendered properly and allows you to write AppleScript code without committing it to a file.

Text narration	PEL provides a set of commands to narrate text taken from
	• a prompt or,
	• directly from the current buffer at point:
	  • word
	  • sentence
	  • paragraph
	  • region.
	
	• With PEL user option **pel-use-hydra** set to **t**, PEL activates the **hydra external package** and also creates a Hydra set of keys to help speed up narration. These keys are identified in the table below.
	• To start this Hydra, hit the **<f7><f8>** keys, then hit one of the following keys once or several times.
	• The keys that are in the PEL window hydra are all identified below with a **<f7><f8>** prefix, but when **pel-use-hydra** is set to **t**, after typing **<f7><f8>** once, you can hit several other window hydra keys without typing the prefix again.
	• While the PEL narrate hydra is active, you can also type other commands; the hydra will stay active. You can, for example, select a region and then type **R** to read it aloud.
	• To cancel the Hydra hit the **<f7>** key again.
	• A snapshot of the narrate hydra menu that shows up in the mini buffer area as soon as one of its keys is pressed is shown below.
	
	⚠ ☝If the pel-use-hydra is nil, then you must type the prefix before every narration command. Using the narration hydra is easier and more flexible.
	
	• The narration commands available are shown below.
	• The narrate hydra includes some navigation commands to help move around while being in narration mode. These are only showing inside the narrate hydra help menu.
	• The name of the PEL window hydra commands are not listed below. They all have a name that begins with **pel-∑narrate/** and ends with the same name as the command function listed in the Function column. For example, **pel-∑narrate/pel-say** is bound to **<f7><f8> t**.
	
	☝When processing text, PEL filters out the comments strings for the buffer's major mode. It also performs a set of text translation to help the narration. These are currently not configurable.		

PEL Narration Hydra	Config: <f2>: customize Read: w: word; s: sentence; p: paragraph; R: region Repeat: r: last word Type: t: at prompt Move to: b: previous word; n: next word; B: previous sentence; N: next sentence End: <f7>: cancel		
Narrate the text entered at prompt	**<f7> <f8> t**	(**pel-say** TEXT &optional FILTER-CHARS-REGEXP)	Say TEXT out-loud. Prompts for the text. • Use the Apple osascript to narrate the text using synthesized voice. • Quotes are not allowed inside the text. • Furthermore the optional FILTER-CHARS-REGEXP can be used to exclude text from the narration.
Read the word at point out-loud	**<f7> <f8> w**	(**pel-say-word**)	Say word at point out-loud and move to next word.
Read the sentence at point out-loud	**<f7> <f8> s**	(**pel-say-sentence**)	Say sentence at point out-loud and move to next sentence.
Read the paragraph at point out-loud	**<f7> <f8> p**	(**pel-say-paragraph**)	Say paragraph at point out-loud and move to next paragraph.
Read the selected region of text out-loud	**<f7> <f8> R**	(**pel-say-region** START END)	Say text between region's START end END out-loud.