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.	
Customize PEL AppleScript Support (See also: ∑ Customize)	• **\<f11\> \<f1\> SPC a** • **\<f12\> \<f1\>**	(**pel-cfg-pkg-applescript** &optional OTHER-WINDOW)	Customize PEL AppleScript support. • If OTHER-WINDOW is non-nil (use **C-u**), display in another window. • The **\<f12\> \<f1\>** binding is available when point is in a buffer visiting an AppleScript file.
Open an AppleScript scratchpad buffer	**\<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\>** or **q** key.
	• 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	Read	Repeat	Type	Move to	End _____	_____	_____	_____	_____	_____ <f1>: customize	w: word	r: last word	t: at prompt	b: previous word	<f7>: cancel 	s: sentence			n: next word	q: cancel 	p: paragraph			B: previous sentence | 	R: region			N: next sentence | ```	
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.