Subject: Re: Readline and/or easy command line history access
Posted by Matt[2] on Mon, 27 Apr 2009 13:30:31 GMT
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Adam,

Keflavich <keflavich@gmail.com> writes:
> Is there any sort of readline support in IDL more advanced
> than a simple command history? I can hit 'up' at the command line to
> retrieve old commands, but this is tedious and sometimes difficult in
> large interactive sessions.

I'm not sure what you're using either the IDE or idlwave-shell, but JD Smith
wrote idlwave-shell routines for exactly this. Just drop these into you
.emacs file.

Hope this helps.

Matt

```
;; Set up some functions that we need to define before we can use them.
;;.......................................................... ..........
;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;; ;;;;;;;;;;;;

;; the actual author is
;;  JD Smith <jdsmith@****.edu>


;; These commands make the up/down arrows do regular expression searches that
;; include whatever is already on the idlwave-shell's command line.
;; So if you did a plot command ten commands ago, you would put plot on the
;; shell line.
;;  IDL> plot,
;; and then hit the up arrow* to get to the command
;; *(if you bind this commmand to the up arrow like we do later in this file)

(defvar jds-search-regexp nil)

(defun jds-search-pre-command-hook ()
  (unless (or (eq this-command 'jds-history-search-up)
      (eq this-command 'jds-history-search-down))
    (remove-hook 'pre-command-hook 'jds-search-pre-command-hook t)
    (setq jds-search-regexp nil)))

(defun jds-history-search (dir)
  (when (null jds-search-regexp)
    (let ((str (buffer-substring (point) (save-excursion (comint-bol nil)
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       (point)))))
     (if (or (string= str "") (not (looking-at "\\s-*$")))
   (setq jds-search-regexp ".")
 ;; This is what JDS had.
 ;; (setq jds-search-regexp (concat "^" (regexp-quote str)))
 (setq jds-search-regexp (regexp-quote str)))
     (add-hook 'pre-command-hook 'jds-search-pre-command-hook nil t)))
  (comint-previous-matching-input jds-search-regexp dir))

(defun jds-history-search-up ()
  (interactive)
  (jds-history-search 1))

(defun jds-history-search-down ()
  (interactive)
  (jds-history-search -1))
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