

GNU History Library

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This document describes the GNU History library (version 5.0, 28 January 2004), a programming tool that provides a consistent user interface for recalling lines of previously typed input.

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1 Using History Interactively

1.1.2 Word Designators

Word designators are used to select desired words from the event. A ':' separates the event specification from the word designator. It may be omitted if the word designator begins with a '^', '\$', '*', '-', or '%'. Words are numbered from the beginning of the line, with the first word being denoted by 0 (zero). Words are inserted into the current line separated by single spaces.

For example,

!! designates the preceding command. When you type this, the preceding command is repeated in toto.

!!: \$ designates the last argument of the preceding command. This may be shortened to !\$.

!fi : 2

s/old/new/

Substitute *new* for the first occurrence of *old*


```
HIST_ENTRY **entries; /* Pointer to the entries themselves. */
int offset;           /* The location pointer within this array. */
int length;           /* Number of elements within this array. */
int size;             /* Number of slots allocated to this array. */
int flags;
} HISTORY_STATE;

If the flags member includes HS_STIFLED
```

HIST_ENTRY * **replace_history_entry** (

[Function]

`int read_history (`

[Function]

char ** **history_tokenize** (const char *string) [Function]
Return an array of tokens parsed out of *string*, much as the shell might. The tokens

char * **history_no_expand_chars**

[Variable]

The list of characters which inhibit history expansion if found immediately following *history_expansion_char*. The default is space, tab, newline, carriage return, and the following control characters: `^@-^Z`.

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