

GNU History Library

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1 Using History Interactively

This chapter describes how to use the gnu History Library interactively, from a user's standpoint. It should be considered a user's guide. For information on using the gnu History Library in your own programs, see Chapter 2 [Programming with GNU History], page 5.

1.1 History Expansion

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,

s/ol d/new/

Substitute *new*

2 Programming with GNU History

This chapter describes how to interface programs that you write with the gnu History Library. It should be considered a technical guide. For information on the interactive use of gnu History, see Chapter 1 [Using History Interactively], page 1.

2.1 Introduction to History

```
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;
```


2.3.4 Moving Around the History List

These functions allow the current index into the history list to be set or changed.

`int history_set_pos (int pos)` [Function]
Set the current history o set to *pos*


```
char ** history_tokenize (((
```

```
[Function]
```

char * **history_no**

[Variable]

Appendix A Copying This Manual

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