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Red Hat Enterprise Linux Release 9.2 Manual Pages on 'setjmp.h.0p' command

\$ man setjmp.h.0p

setjmp.h(0P) POSIX Programmer's Manual setjmp.h(0P)

PROLOG

This manual page is part of the POSIX Programmer's Manual. The Linux implementation of this interface may differ (consult the corresponding Linux manual page for details of Linux behavior), or the interface may not be implemented on Linux.

NAME

setjmp.h ? stack environment declarations

SYNOPSIS

```
#include <setjmp.h>
```

DESCRIPTION

Some of the functionality described on this reference page extends the ISO C standard. Applications shall define the appropriate feature test macro (see the System Interfaces volume of POSIX.1?2017, Section 2.2, The Compilation Environment) to enable the visibility of these symbols in this header.

The <setjmp.h> header shall define the array types jmp_buf and sigjmp_buf.

The following shall be declared as functions and may also be defined as macros. Function prototypes shall be provided.

```
void _longjmp(jmp_buf, int);  
void longjmp(jmp_buf, int);  
void siglongjmp(sigjmp_buf, int);
```

The following may be declared as functions, or defined as macros, or both. If functions are declared, function prototypes shall be provided.

```
int _setjmp(jmp_buf);
int setjmp(jmp_buf);
int sigsetjmp(sigjmp_buf, int);
```

The following sections are informative.

APPLICATION USAGE

None.

RATIONALE

None.

FUTURE DIRECTIONS

None.

SEE ALSO

The System Interfaces volume of POSIX.1-2017, Section 2.2, The Compilation Environment, `_longjmp()`, `longjmp()`, `setjmp()`, `siglongjmp()`, `sigsetjmp()`

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