

NAME

dwarf_add_directory_decl - add a directory name to a producer instance

LIBRARY

DWARF Access Library (libdwarf, -ldwarf)

SYNOPSIS

```
#include <libdwarf.h>
```

Dwarf_Unsigned

```
dwarf_add_directory_decl(Dwarf_P_Debug dbg, char *name, Dwarf_Error *err);
```

DESCRIPTION

Function **dwarf_add_directory_decl()** adds a source directory name to a producer instance and returns the index value generated for the directory name.

Argument *dbg* should reference a DWARF producer instance allocated using **dwarf_producer_init(3)** or **dwarf_producer_init_b(3)**.

Argument *name* should point a NUL-terminated string containing the name of the directory.

If argument *err* is not NULL, it will be used to store error information in case of an error.

RETURN VALUES

On success, function **dwarf_add_directory_decl()** returns the index value generated for the directory. In case of an error, function **dwarf_add_directory_decl()** returns DW_DLV_NOCOUNT and sets the argument *err*.

ERRORS

Function **dwarf_add_directory_decl()** can fail with:

[DW_DLE_ARGUMENT] Either of the arguments *dbg* or *name* was NULL.

[DW_DLE_MEMORY] An out of memory condition was encountered during the execution of the function.

SEE ALSO

dwarf(3), **dwarf_add_file_decl(3)**, **dwarf_add_line_entry(3)**, **dwarf_line_end_sequence(3)**, **dwarf_line_set_address(3)**, **dwarf_producer_init(3)**, **dwarf_producer_init_b(3)**