

NAME

dwarf_add_AT_producer - create and attach a DW_AT_producer attribute

LIBRARY

DWARF Access Library (libdwarf, -ldwarf)

SYNOPSIS

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

Dwarf_P_Attribute

```
dwarf_add_AT_producer(Dwarf_P_Die die, char *producer, Dwarf_Error *err);
```

DESCRIPTION

Function **dwarf_add_AT_producer**() creates a DW_AT_producer attribute descriptor and attaches it to the debugging information entry referenced by argument *die*. The created attribute will have DWARF form DW_FORM_strp.

Argument *die* should reference a debugging information entry allocated using **dwarf_new_die**(3).

Argument *producer* should point to a NUL-terminated string which will become the value of the created attribute.

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_AT_producer**() returns the created attribute descriptor. In case of an error, function **dwarf_add_AT_producer**() returns DW_DLV_BADADDR and sets the argument *err*.

ERRORS

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

[DW_DLE_ARGUMENT] Either of the arguments *die* or *producer* was NULL.

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

SEE ALSO

dwarf(3), **dwarf_add_AT_comp_dir**(3), **dwarf_add_AT_const_value_string**(3),
dwarf_add_AT_name(3), **dwarf_add_AT_string**(3), **dwarf_new_die**(3)