

NAME

dwarf_vendor_ext - add vendor-specific macro information to a DWARF producer instance

LIBRARY

DWARF Access Library (libdwarf, -ldwarf)

SYNOPSIS

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

int

```
dwarf_vendor_ext(Dwarf_P_Debug dbg, Dwarf_Unsigned constant, char *string, Dwarf_Error *err);
```

DESCRIPTION

Function **dwarf_vendor_ext**() adds a vendor-specific macro information entry to a DWARF producer instance.

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

Argument *constant* specifies a constant value for the macro information entry.

Argument *string* point to a NUL-terminated string containing the string value for the macro information entry.

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

The meaning of the arguments *constant* and *string* are not defined by the DWARF specification, but are instead governed by application and vendor conventions.

RETURN VALUES

On success, function **dwarf_vendor_ext**() returns DW_DLV_OK. In case of an error, function **dwarf_vendor_ext**() returns DW_DLV_ERROR and sets the argument *err*.

ERRORS

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

[DW_DLE_ARGUMENT] Either arguments *dbg* or *string* was NULL.

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

SEE ALSO

dwarf(3), dwarf_def_macro(3), dwarf_end_macro_file(3), dwarf_producer_init(3),
dwarf_producer_init_b(3), dwarf_start_macro_file(3), dwarf_undef_macro(3)