

**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)