

NAME

dwarf_formstring - return the value of a STRING class attribute

LIBRARY

DWARF Access Library (libdwarf, -ldwarf)

SYNOPSIS

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

int

```
dwarf_formstring(Dwarf_Attribute attr, char **ret, Dwarf_Error *err);
```

DESCRIPTION

Function **dwarf_formstring**() sets the location pointed to by argument *ret* to a pointer to a NUL-terminated string containing the value of the attribute referenced by argument *attr*. The form of argument *attr* must be one of DW_FORM_string or DW_FORM_strp.

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

Memory Management

The memory area referenced by the returned pointer is managed by the DWARF(3) library. The application should not attempt to directly free this memory area.

RETURN VALUES

Function **dwarf_formstring**() returns DW_DLV_OK on success. In case of an error, it returns DW_DLV_ERROR and sets argument *err*.

ERRORS

Function **dwarf_formstring**() may fail with the following errors:

[DW_DLE_ARGUMENT] Either of arguments *attr* or *ret* was NULL.

[DW_DLE_ATTR_FORM_BAD] The attribute referenced by argument *attr* was not of a permitted kind.

SEE ALSO

dwarf(3), dwarf_attr(3), dwarf_formblock(3), dwarf_formref(3), dwarf_formsdata(3), dwarf_formsig8(3), dwarf_formudata(3), dwarf_hasattr(3)