## 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)