

## NAME

**dwarf\_get\_form\_class** - retrieve the form class of an attribute

## LIBRARY

DWARF Access Library (libdwarf, -ldwarf)

## SYNOPSIS

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

```
enum Dwarf_Form_Class
```

```
dwarf_get_form_class(Dwarf_Half dwversion, Dwarf_Half attr, Dwarf_Half offset_size,  
    Dwarf_Half form);
```

## DESCRIPTION

Function **dwarf\_get\_form\_class**() returns the class of the form of a DWARF attribute.

Argument *dwversion* should specify the version number of DWARF specification to use: 2 for DWARF2, 3 for DWARF3 and 4 for DWARF4.

Argument *attr* should hold the attribute code of the attribute, i.e., one of the DW\_AT\_\* values defined in <libdwarf.h>.

Argument *offset\_size* should hold the size of a DWARF offset for the relevant compilation unit.

Argument *form* should hold the form code of the attribute.

## RETURN VALUES

On success, function **dwarf\_get\_form\_class**() returns the form class code, which is one of the DW\_FORM\_CLASS\_\* constants defined in header file <libdwarf.h>. If the function was not able to determine the form class of the attribute, it returns the special form class code DW\_FORM\_CLASS\_UNKNOWN.

## ERRORS

Function **dwarf\_get\_form\_class**() does not return an error.

## SEE ALSO

dwarf(3), dwarf\_attr(3), dwarf\_whatattr(3), dwarf\_whatform(3)