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_* contants 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)