NAME

dwarf_add_AT_name - create and attach a DW_AT_name attribute

LIBRARY

DWARF Access Library (libdwarf, -ldwarf)

SYNOPSIS

#include <libdwarf.h>

Dwarf_P_Attribute
dwarf_add_AT_name(*Dwarf_P_Die die*, *char *name*, *Dwarf_Error *err*);

DESCRIPTION

Function **dwarf_add_AT_name**() creates a DW_AT_name attribute descriptor and attaches it to the debugging information entry referenced by argument *die*. The created attribute will have DWARF form DW_FORM_strp.

Argument *die* should reference a debugging information entry allocated using dwarf_new_die(3).

Argument *name* should point to a NUL-terminated string which will become the value of the created attribute.

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

RETURN VALUES

On success, function **dwarf_add_AT_name**() returns the created attribute descriptor. In case of an error, function **dwarf_add_AT_name**() returns DW_DLV_BADADDR and sets the argument *err*.

ERRORS

Function **dwarf_add_AT_name**() can fail with:

[DW_DLE_ARGUMENT]   One of the arguments *die* or *name* was NULL.

[DW_DLE_MEMORY]   An out of memory condition was encountered during the execution of this function.

SEE ALSO

dwarf(3), dwarf_add_AT_comp_dir(3), dwarf_add_AT_const_value_string(3), dwarf_add_AT_producer(3), dwarf_add_AT_string(3), dwarf_new_die(3)