

**NAME**

**dwarf\_get\_ACCESS\_name**, **dwarf\_get\_AT\_name**, **dwarf\_get\_ATE\_name**, **dwarf\_get\_CC\_name**, **dwarf\_get\_CFA\_name**, **dwarf\_get\_CHILDREN\_name**, **dwarf\_get\_DS\_name**, **dwarf\_get\_DSC\_name**, **dwarf\_get\_EH\_name**, **dwarf\_get\_END\_name**, **dwarf\_get\_FORM\_name**, **dwarf\_get\_ID\_name**, **dwarf\_get\_INL\_name**, **dwarf\_get\_LANG\_name**, **dwarf\_get\_LNE\_name**, **dwarf\_get\_LNS\_name**, **dwarf\_get\_MACINFO\_name**, **dwarf\_get\_OP\_name**, **dwarf\_get\_ORD\_name**, **dwarf\_get\_TAG\_name**, **dwarf\_get\_UT\_name**, **dwarf\_get\_VIRTUALITY\_name**, **dwarf\_get\_VIS\_name** - retrieve the symbolic names of DWARF constants

**LIBRARY**

DWARF Access Library (libdwarf, -ldwarf)

**SYNOPSIS**

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

*int*

```
dwarf_get_ACCESS_name(unsigned val, char **str);
```

*int*

```
dwarf_get_AT_name(unsigned val, char **str);
```

*int*

```
dwarf_get_ATE_name(unsigned val, char **str);
```

*int*

```
dwarf_get_CC_name(unsigned val, char **str);
```

*int*

```
dwarf_get_CFA_name(unsigned val, char **str);
```

*int*

```
dwarf_get_CHILDREN_name(unsigned val, char **str);
```

*int*

```
dwarf_get_DS_name(unsigned val, char **str);
```

*int*

```
dwarf_get_DSC_name(unsigned val, char **str);
```

*int*

**dwarf\_get\_EH\_name**(*unsigned val, char \*\*str*);

*int*

**dwarf\_get\_END\_name**(*unsigned val, char \*\*str*);

*int*

**dwarf\_get\_FORM\_name**(*unsigned val, char \*\*str*);

*int*

**dwarf\_get\_ID\_name**(*unsigned val, char \*\*str*);

*int*

**dwarf\_get\_INL\_name**(*unsigned val, char \*\*str*);

*int*

**dwarf\_get\_LANG\_name**(*unsigned val, char \*\*str*);

*int*

**dwarf\_get\_LNE\_name**(*unsigned val, char \*\*str*);

*int*

**dwarf\_get\_LNS\_name**(*unsigned val, char \*\*str*);

*int*

**dwarf\_get\_MACINFO\_name**(*unsigned val, char \*\*str*);

*int*

**dwarf\_get\_OP\_name**(*unsigned val, char \*\*str*);

*int*

**dwarf\_get\_ORD\_name**(*unsigned val, char \*\*str*);

*int*

**dwarf\_get\_TAG\_name**(*unsigned val, char \*\*str*);

*int*

**dwarf\_get\_UT\_name**(*unsigned unit\_type, const char \*\*str*);

*int*

**dwarf\_get\_VIRTUALITY\_name**(*unsigned val, char \*\*str*);

*int*

**dwarf\_get\_VIS\_name**(*unsigned val, char \*\*str*);

## DESCRIPTION

These functions return the symbolic name of a numeric DWARF constant.

Argument *val* specifies the numeric value whose symbolic name is desired.

Argument *str* should point to a location which will hold the returned NUL-terminated string containing the symbolic name of the specified value.

The list of functions and the DWARF constants that they accept are:

<b>dwarf_get_ACCESS_name</b> ()	DW_ACCESS_* constants.
<b>dwarf_get_AT_name</b> ()	DW_AT_* constants.
<b>dwarf_get_ATE_name</b> ()	DW_ATE_* constants.
<b>dwarf_get_CC_name</b> ()	DW_CC_* constants.
<b>dwarf_get_CFA_name</b> ()	DW_CFA_* constants.
<b>dwarf_get_CHILDREN_name</b> ()	DW_CHILDREN_* constants.
<b>dwarf_get_DS_name</b> ()	DW_DS_* constants.
<b>dwarf_get_DSC_name</b> ()	DW_DSC_* constants.
<b>dwarf_get_EH_name</b> ()	DW_EH_PE_* constants.
<b>dwarf_get_END_name</b> ()	DW_END_* constants.
<b>dwarf_get_FORM_name</b> ()	DW_FORM_* constants.
<b>dwarf_get_ID_name</b> ()	DW_ID_* constants.
<b>dwarf_get_INL_name</b> ()	DW_INL_* constants.
<b>dwarf_get_LANG_name</b> ()	DW_LANG_* constants.
<b>dwarf_get_LNE_name</b> ()	DW_LNE_* constants.
<b>dwarf_get_LNS_name</b> ()	DW_LNS_* constants.
<b>dwarf_get_MACINFO_name</b> ()	DW_MACINFO_* constants.
<b>dwarf_get_OP_name</b> ()	DW_OP_* constants.
<b>dwarf_get_ORD_name</b> ()	DW_ORD_* constants.
<b>dwarf_get_TAG_name</b> ()	DW_TAG_* constants.
<b>dwarf_get_UT_name</b> ()	DW_UT_* constants.
<b>dwarf_get_VIRTUALITY_name</b> ()	DW_VIRTUALITY_* constants.
<b>dwarf_get_VIS_name</b> ()	DW_VIS_* constants.

## RETURN VALUES

These functions return DW\_DLV\_OK on success. If the DWARF constant denoted by argument *val* is

not recognized, these function return DW\_DLV\_NO\_ENTRY.

**SEE ALSO**

dwarf(3)