

**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)