

NAME

`pcap_datalink_val_to_name`, `pcap_datalink_val_to_description`, `pcap_datalink_val_to_description_or_dlt` – get a name or description for a link-layer header type value

SYNOPSIS

```
#include <pcap.h>
```

```
const char *pcap_datalink_val_to_name(int dlt);
```

```
const char *pcap_datalink_val_to_description(int dlt);
```

```
const char *pcap_datalink_val_to_description_or_dlt(int dlt);
```

DESCRIPTION

`pcap_datalink_val_to_name()` translates a link-layer header type value to the corresponding link-layer header type name, which is the **DLT_** name for the link-layer header type value with the **DLT_** removed. **NULL** is returned if the type value does not correspond to a known **DLT_** value.

`pcap_datalink_val_to_description()` translates a link-layer header type value to a short description of that link-layer header type. **NULL** is returned if the type value does not correspond to a known **DLT_** value.

`pcap_datalink_val_to_description_or_dlt()` translates a link-layer header type value to a short description of that link-layer header type just like `pcap_datalink_val_to_description()`. If the type value does not correspond to a known **DLT_** value, the string "DLT n" is returned, where n is the value of the dlt argument.

BACKWARD COMPATIBILITY

The `pcap_datalink_val_to_description_or_dlt()` function first became available in libpcap release 1.10.0. In previous releases, `pcap_datalink_val_to_description()` would have to be called and, if it returned **NULL**, a default string would have to be constructed.

SEE ALSO

`pcap(3PCAP)`