

**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 1.9.1. 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(3)`