

Linux Networking and Network Devices APIs

vlan_tci
 vlan tag control information

transport_header
 Transport layer header

network_header
 Network layer header

mac_header
 Link layer header

tail
 Tail pointer

end
 End pointer

head
 Head of buffer

data
 Data head pointer

truesize
 Buffer size

users
 User count - see {datagram,tcp}.c

skb_dst

LINUX

Name

`skb_dst` — returns `skb dst_entry`

Synopsis

```
struct dst_entry * skb_dst (const struct sk_buff * skb);
```

Arguments

skb

buffer

Description

Returns `skb dst_entry`, regardless of reference taken or not.

skb_dst_set

LINUX

Name

Arguments

skb

buffer

skb_queue_empty

LINUX

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Name

`skb_queue_empty` — check if a queue is empty

Synopsis

```
int skb_queue_empty (const struct sk_buff_head * list);
```

Arguments

list

queue head

Description

Arguments

list

queue head

skb

current buffer

Description

Return the prev packet in *list* before *skb*. It is only valid to call this if `skb_queue_is_first` evaluates to false.

skb_get

LINUX

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Name

`skb_get` — reference buffer

Synopsis

```
struct sk_buff * skb_get (struct sk_buff * skb
```

Arguments

skb

buffer to reference

Description

Makes another reference to a socket buffer and returns a pointer to the buffer.

skb_cloned

LINUX

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Name

`skb_cloned` — is the buffer a clone

Synopsis

```
int skb_cloned (const struct sk_buff * skb);
```

Arguments

skb

Arguments

skb

buffer to alter

len

new length

Description

This is identical to `pskb_trim` except that the caller knows that the `skb` is not cloned so we should never get an error due to out- of-memory.

skb_orphan

LINUX

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Name

`skb_orphan` — orphan a buffer

Synopsis

```
void skb_orphan (struct sk_buff * skb);</
```


