

# H5PT\_READ\_PACKETS

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# H5PT\_READ\_PACKETS

Reads a number of packets from a packet table.

## Procedure:

H5PT\_READ\_PACKETS(table\_id, start, nrecords, data)

## Signature:

```
herr_t H5PTread_packets(hid_t table_id, hsize_t start, size_t nrecords, void* data)
```

## Parameters:

hid\_t table\_id

IN: Identifier of packet table to read from.

hsize\_t start

IN: Packet to start reading from.

size\_t nrecords

IN: Number of packets to be read.

void \* data

OUT: Buffer into which to read data.

**Description:**

`H5PTread_packets` reads `nrecords` packets starting at packet number `start` from a packet table specified by `table_id`. `data` is a buffer into which the data should be read.

For a packet table holding variable-length records, the data returned in the buffer will be in form of `hvl_t` structs, each containing the length of the data and a pointer to it in memory. The memory used by this data must be freed using `H5PTfree_vlen_buff`.

**Returns:**

Returns a non-negative value if successful, otherwise returns a negative value.

**Example:**

Coming Soon!

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