

NAME

curl_pushheader_bynum – get a push header by index

SYNOPSIS

```
#include <curl/curl.h>
```

```
char *curl_pushheader_bynum(struct curl_pushheaders *h, size_t num);
```

DESCRIPTION

This is a function that is only functional within a *CURLMOPT_PUSHFUNCTION(3)* callback. It makes no sense to try to use it elsewhere and it has no function then.

It returns the value for the header field at the given index **num**, for the incoming server push request or NULL. The data pointed to is freed by libcurl when this callback returns. The returned pointer points to a "name:value" string that gets freed when this callback returns; although not constrained by its type, this string may not be altered.

PROTOCOLS

This functionality affects http only

EXAMPLE

```
/* output all the incoming push request headers */
static int push_cb(CURL *parent,
                  CURL *easy,
                  size_t num_headers,
                  struct curl_pushheaders *headers,
                  void *clientp)
{
    int i = 0;
    char *field;
    do {
        field = curl_pushheader_bynum(headers, i);
        if(field)
            fprintf(stderr, "Push header: %s\n", field);
        i++;
    } while(field);
    return CURL_PUSH_OK; /* permission granted */
}

int main(void)
{
    CURLM *multi = curl_multi_init();
    curl_multi_setopt(multi, CURLMOPT_PUSHFUNCTION, push_cb);
}
```

AVAILABILITY

Added in curl 7.44.0

RETURN VALUE

Returns a pointer to the header field content or NULL.

SEE ALSO

CURLMOPT_PUSHFUNCTION(3), *curl_pushheader_byname(3)*