NAME

CURLINFO_PRIMARY_IP − IP address of last connection

SYNOPSIS

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

CURLcode curl_easy_getinfo(CURL *handle, CURLINFO_PRIMARY_IP, char **ip);
```

DESCRIPTION

Pass a pointer to a char pointer to receive the pointer to a null−terminated string holding the IP address of the most recent connection done with this **curl** handle. This string may be IPv6 when that is enabled. Note that you get a pointer to a memory area that is reused at next request so you need to copy the string if you want to keep the information.

The **ip** pointer is NULL or points to private memory. You **must not** free it. The memory gets freed automatically when you call *curl_easy_cleanup(3)* on the corresponding curl handle.

PROTOCOLS

This functionality affects all supported protocols

EXAMPLE

```
int main(void)
{
 char *ip;
 CURLcode result;
 CURL *curl = curl_easy_init();

 curl_easy_setopt(curl, CURLOPT_URL, "https://example.com");

 /* Perform the transfer */
 result = curl_easy_perform(curl);
 /* Check for errors */
 if((result == CURLE_OK) &&
    !curl_easy_getinfo(curl, CURLINFO_PRIMARY_IP, &ip) && ip) {
  printf("IP: %s\n", ip);
 }

 /* always cleanup */
 curl_easy_cleanup(curl);
}
```

AVAILABILITY

Added in curl 7.19.0

RETURN VALUE

curl_easy_getinfo(3) returns a CURLcode indicating success or error.

CURLE_OK (0) means everything was OK, non−zero means an error occurred, see *libcurl−errors(3)*.

SEE ALSO

CURLINFO_LOCAL_IP(3), **CURLINFO_LOCAL_PORT**(3), **CURLINFO_PRIMARY_PORT**(3), **curl_easy_getinfo**(3), **curl_easy_setopt**(3)