

**NAME**

curl\_multi\_fdset - extracts file descriptor information from a multi handle

**SYNOPSIS**

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

```
CURLMcode curl_multi_fdset(CURLM *multi_handle,  
                           fd_set *read_fd_set,  
                           fd_set *write_fd_set,  
                           fd_set *exc_fd_set,  
                           int *max_fd);
```

**DESCRIPTION**

This function extracts file descriptor information from a given multi\_handle. libcurl returns its fd\_set sets. The application can use these to select() on. The *curl\_multi\_perform(3)* function should be called as soon as one of them are ready to be read from or written to.

You should also be aware that when doing select(), you should consider using a rather small (single-digit number of seconds) timeout and call *curl\_multi\_perform* regularly - even if no activity has been seen on the fd\_sets - as otherwise libcurl-internal retries and timeouts may not work as you'd think.

**RETURN VALUE**

CURLMcode type, general libcurl multi interface error code. See *libcurl-errors(3)*

**SEE ALSO**

*curl\_multi\_cleanup(3)*, *curl\_multi\_init(3)*