NAME
      CURLOPT_IOCTLFUNCTION − callback for I/O operations

SYNOPSIS
      #include <curl/curl.h>

      typedef enum {
        CURLIOE_OK,   /* I/O operation successful */
        CURLIOE_UNKNOWNCMD,   /* command was unknown to callback */
        CURLIOE_FAILRESTART,   /* failed to restart the read */
        CURLIOE_LAST   /* never use */
      } curlioerr;

      typedef enum {
        CURLIOCMD_NOP,   /* no operation */
        CURLIOCMD_RESTARTREAD, /* restart the read stream from start */
        CURLIOCMD_LAST   /* never use */
      } curliocmd;

      curlioerr ioctl_callback(CURL *handle, int cmd, void *clientp);

      CURLcode curl_easy_setopt(CURL *handle, CURLOPT_IOCTLFUNCTION, ioctl_callback);

DESCRIPTION
      Pass a pointer to your callback function, which should match the prototype shown above.

      This callback function gets called by libcurl when something special I/O-related needs to be done that the
      library can't do by itself. For now, rewinding the read data stream is the only action it can request. The
      rewinding of the read data stream may be necessary when doing a HTTP PUT or POST with a multi-pass
      authentication method.

      The   callback   MUST   return   *CURLIOE_UNKNOWNCMD*   if   the   input   *cmd*   is   not
      CURLIOCMD_RESTARTREAD.

      The *clientp* argument to the callback is set with the *CURLOPT_IOCTLDATA(3)* option.

      This option is deprecated! Do not use it. Use *CURLOPT_SEEKFUNCTION(3)* instead to provide seeking!
      If *CURLOPT_SEEKFUNCTION(3)* is set, this parameter will be ignored when seeking.

DEFAULT
      By default, this parameter is set to NULL. Not used.

PROTOCOLS
      Used with HTTP

EXAMPLE
      TODO

AVAILABILITY
      Added in 7.12.3

RETURN VALUE
      Returns CURLE_OK if the option is supported, and CURLE_UNKNOWN_OPTION if not.

SEE ALSO
      CURLOPT_IOCTLDATA(3), **CURLOPT_SEEKFUNCTION**(3),