



cURL Command Line Tool & Library

Current Version: 7.69.1
Release Date: 03/11/2020



Overview

cURL is an open source command line tool and library written in C with more than 5 billion installations worldwide. cURL is used in command lines or scripts to transfer data. It is also used in cars, television sets, routers, printers, audio equipment, mobile phones, tablets, set-top boxes, as well as media players, and is the internet transfer backbone for thousands of software applications affecting billions of humans daily. The cURL software project provides a library for transferring data using various protocols. These protocols include (but are not limited to) FTP, FTPS, HTTP, HTTPS and more.

Usage

cURL can be used in multiple different ways depending on the desired end result. If the user wants to have a task that repetitively checks the status of a server's HTTP/SSH processes, it can be used to securely download .zip files through a proxy, it has the ability to do this as well.

tinycurl

In addition to the curl library being licensed and having support provided by wolfSSL, there is also a new library in its beta stage that is also licensed and supported by wolfSSL - the **tinycurl** library!

tinycurl is a version of curl that is capable of performing HTTPS and fits within 100K (including the wolfSSL library) on a typical 32 bit architecture. It is approximately one-quarter of the size of the typical curl build on Debian-based Linux with an x86-64 architecture.

Supports

DICT, FILE, FTP, FTPS, Gopher, HTTP, HTTPS, IMAP, IMAPS, LDAP, LDAPS, POP3, POP3S, RTMP, RTSP, SCP, SFTP, SMB, SMBS, SMTP, SMTPS, Telnet and TFTP. curl supports SSL certificates, HTTP POST, HTTP PUT, FTP uploading, HTTP form based upload, proxies, HTTP/2, cookies, user+password authentication (Basic, Plain, Digest, CRAM-MD5, NTLM, Negotiate and Kerberos), file transfer resume, proxy tunneling and more.

For more information on using cURL with your project, please contact support@wolfssl.com.

Highlights

- cURL original author and founder, Daniel Stenberg, part of the wolfSSL team
- Auditable file transfer
- Precision file transfer protocols
- Verbose output options
- Backward compatibility
- Platform agnostic
- High performance data transfers
- Customizable feature set
- Extensive documentation
- Open source
- Foundation of support and consulting provided by original cURL author and founder
- Optimization support and consulting offered
- Commercial support offered
 - Basic \$2,000/yr
 - Standard \$6,000/yr
 - Premium \$23,000/yr
 - 24x7 \$50,000/yr
- Support Page: <https://www.wolfssl.com/products/support-packages/>
- Product Page: <https://www.wolfssl.com/products/curl/>
- GitHub location: <https://github.com/curl/curl>