

Quickstart

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# ----- QUICKSTART -----
# curl supports the following protocols for interacting with web services, downloading files and handling network requests from the command line
# HTTP, HTTPS
# FTP, FTPS
# SFTP
# TFTP
# SCP
# LDAP, LDAPS
# DICT
# TELNET
# IMAP, IMAPS
# POP, POP3S
# SMTP, SMTPS
# RTSP, RTMP, RTMPS, RTMPT, RTMPTE
# GOPHER
# SMB, SMBS
# MQTT

# ----- COMMANDS -----
# curl => fetches the contents of the specified URL and displays it to the stdout
# if unspecified, curl issues a HTTP GET request by default
# curl commands can be further augmented with flags

curl http://example.com

# ----- FLAGS -----
# -o => saves the requested output from the specified url to a file
# -L => specifies the curl request to follow any redirects
# -X => specifies the request method as a provided argument (GET, POST, PUT, DELETE, etc.)
# GET => get is selected by default
# POST => post requests can be explicitly selected
# -H => selects a request header to specify the curl request's metadata (content type, authorization status, or other custom data etc.)
# JSON => accompanies a request header to specify the content type being posted as JSON
# -d => accompanies a POST request to send data within the request body
# -O => save the file under the original name
# -b => reads cookies from a file
# -c => saves cookies to a file
# -v => makes curl requests verbose, providing detailed information about the given request and its response
# -I => fetches only the response headers
# -u => allows for specification of a user and password for server authentication
# -T => uploads a file to the server
# --limit-rate => limits the transfer rate of a given curl request

curl -o output.html http://example.com
curl -L http://example.com
curl -X POST -d "param1=value1&param2=value2" http://example.com
curl -X POST -H "Content-Type: application/json" -d '{"key1":"value1","key2":"value2"}' http://example.com
curl -H "Authorization: Bearer your_token" http://example.com
curl -O http://example.com/file.zip
curl -b cookies.txt -c new_cookies.txt http://example.com
curl -v http://example.com
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