

# Curl CheatSheet

# TOOLS

- PDF Link: [cheatsheet-curl-A4.pdf](#), Category: Tools
- Blog URL: <https://cheatsheet.dennyzhang.com/cheatsheet-curl-A4>
- Related posts: CheatSheet: shell, [#denny-cheatsheets](#)

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## 1.1 Curl Basic

| Name                           | Command  |
|--------------------------------|--|
| Curl head request              | <code>curl -I https://www.google.com</code>  |
| Curl head request with verbose | <code>curl -v -I https://www.google.com</code>   |
| Curl with explicit http method | <code>curl -X GET https://www.google.com</code>  |
| Curl post request              | <code>curl -d "name=username&amp;password=123456" &lt;URL&gt;</code>                         |
| Curl get request and headers   | <code>curl -k -v https://www.google.com</code>   |
| Curl has no timeout by default | <code>curl --connect-timeout 10 -I -k https://www.google.com</code>                          |
| Curl add header                | <code>curl --verbose --header "Host: www.mytest.com:8182" http://104.131.129.100:8080</code> |
| Curl without http proxy        | <code>curl --noproxy 127.0.0.1 http://www.stackoverflow.com</code>                           |
| Curl with credential           | <code>curl -u \$username:\$password http://repo.dennyzhang.com/README.txt</code>             |
| Curl upload                    | <code>curl -v -F key1=value1 -F upload=@localfilename &lt;URL&gt;</code>                     |
| Curl post send json            | <code>curl &lt;URL&gt; -H "content-type: application/json" -d "{ \"woof\": \"bark\"}"</code> |
| Get my public ip               | <code>curl -L -s http://ipecho.net/plain, curl -L -s http://whatismijnip.nl</code>           |

## 1.2 Curl Advanced

| Name                         | Command  |
|------------------------------|--|
| Install curl in alpine linux | <code>apk add --update curl</code>   |
| Curl upload with credential  | <code>curl -v -u admin:admin123 --upload-file package1.zip http://mysever:8081/dir/package1.zip</code> |
| Curl with http2              | <code>curl -k -v --http2 https://www.google.com/</code>  |
| Curl ftp upload              | <code>curl -T cryptopp552.zip -u test:test ftp://10.32.99.187/</code>                                  |
| Curl ftp download            | <code>curl -u test:test ftp://10.32.99.187/cryptopp552.zip -o cryptopp552.zip</code>                   |

## 1.3 Curl Script

| Name                                   | Command                              |
|--|--------------------------------------|
| Install packages with curl             | <code>curl-install-package.sh</code> |
| Check a website response time          | <code>curl-url-time.sh</code>        |
| Beautify json output for curl response | <code>curl-format-json.sh</code>     |
| Curl run remote scripts                | <code>curl-remote-scripts.sh</code>  |

## 1.4 More Resources

License: Code is licencurl under MIT License.

<http://curl.haxx.se>