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[tools](#), [configuration](#), [distribution](#), [cli](#)

Difficulty



Very easy

# esgtools

## Goals

esgt is a cli multi tool used internally by eSGR but will work on any standard environment. Please note that some functions will work best on the eSGR Standard Image 2014 & 2017 based in centos 6.9 and 7.6 respectively.

## Options

- maintenance - Update esgtools to the latest version
- install - Install supported applications (esgtools)
- filetype - Will try to identify a file type
- compress - Compress/Uncompress between, Snappy, S2, ZStandard, gzip, zlib, zip, Brotli
- network - Network Related Tools (Check Internet Access, Monitor DHCP Leases)
- profiles - Install esg profiles for selected apps (vim, tmux)
- web - Web Tools (advertising tags, headers, max protocol, site size(experimental))
- hash - Create file hash (sha1, sha256, sha512, sha3, sha3 384bit, sha3 512bit, blake2s, blake2b, md5)
- minify - Minify CSS, HTML, JS, JSON, SVG, XML
- versions - Retrieve version & download link for applications (go, php, nginx, rust)
- hardware - Retrieve Hardware Information (ram, system, cpu, firmware)
- debug - Show debug information

### profiles options

- vim - Install the eSG vim profile
- tmux - Install the eSG tmux profile

### web Options

- size - Will calculate website size
- headers - Will dump all http headers from a url
- tags - Will detect tags like Google Analytics and AdSense
- http - Detect http protocol

### install Options

- tools - Will install esgtools to /usr/local/bin (v0.6.3+)

### Download & Installation

The tool doesn't require any installation just use the following to download it.

OS	x64	x86	arm	arm64	ppc64	ppc64le	mips	mips64	mipsle	mips64le
Linux	<a href="#">Download</a>	<a href="#">Download</a>	<a href="#">Download</a>	<a href="#">Download</a>	<a href="#">Download</a>	<a href="#">Download</a>	<a href="#">Download</a>	<a href="#">Download</a>	<a href="#">Download</a>	<a href="#">Download</a>
Windows										
OS X										
FreeBSD										
Dragonfly										
NetBSD										
openBSD										
Android										
Plan 9										
Solaris										

You can use curl like this (x64 Linux)

```
curl -L https://tools.eservices-greece.net/download.php?f=esgt_linux_amd64 -o esgt;chmod +x esgt
```

Download from <https://tools.esgr.xyz>

### Usage Examples

#### Install profiles

```
./esgt profiles vim
```

```
./esgt profiles tmux
```

#### File hash

```
./esgt hash filename
```

#### Webpage Size

```
./esgt web size https://eservices-greece.com
```

## Webpage Headers

```
./esgt web headers https://eservices-greece.com
```

## Webpage Tags (analytics etc)

```
./esgt web tags https://eservices-greece.com
```

## Webpage protocol

```
./esgt web http https://eservices-greece.com
```

## Minify File

```
./esgt minify inputfilename outputfilename
```

## Update esgtools

```
./esgt maintenance -u
```

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