

Table of Contents

esgtools	1
Goals	1
Options	1
profiles options	1
web Options	1
build Options	2
install Options	2
Installation	2
Usage Examples	2
Install profiles	2
File hash	2
Webpage Size	2
Webpage Headers	3
Webpage Tags (analytics etc)	3
Webpage protocol	3
Minify File	3
Update esgtools	3

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

Difficulty



Very easy

esgtools

Goals

esgtools 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

- update - Update esgtools to the latest version
- version - Application Version
- install - Install supported applications (esgtools)
- disk - **TBA**
- net - Network Related Tools (check internet connection)
- profiles - Install esg profiles for selected apps (vim, tmux)
- web - Web Tools (advertising tags, headers, max protocol, site size(experimental))
- build - Build current Go project using the eSG Build Tool **TBA**
- info - Environment Information **TBA**
- hash - Create file hash (sha1, sha256, sha512, sha3256, sha3384, sha3512, blake2s, blake2b, md5)
- minify - Minify CSS, HTML, JS, JSON, SVG, XML
- registry - Windows Registry Reading & Patching **TBA**
- 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

build Options

- arch - Reports all available architectures
- env - Will build the standardized esg environment **TBA**
- filename.go - if you pass it a go project it will build it and optimize it **TBA**

install Options

- tools - Will install esgtools to /usr/local/bin (v0.6.3+)
- go - Will install Go and setup paths **TBA**

Installation

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

Linux	x64	<code>curl -L https://tools.eservices-greece.net/download.php?f=esgt_linux_amd64 -o esgt;chmod +x esgt</code>
Linux	x86	<code>curl -L https://tools.eservices-greece.net/download.php?f=esgt_linux_386 -o esgt; chmod +x esgt</code>

esgtools has its own page <https://tools.eservices-greece.net/>

Usage Examples

Install profiles

```
./esgtools profiles vim
```

```
./esgtools profiles tmux
```

File hash

```
./esgtools hash sha256 filename
```

Webpage Size

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

Webpage Headers

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

Webpage Tags (analytics etc)

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

Webpage protocol

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

Minify File

```
./esgtools minify inputfilename outputfilename
```

Update esgtools

```
./esgtools update
```

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