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tools, configuration, distribution, cli

Difficulty

Very easy

# esgtools

## Goals

esgtools is a cli multi tool used internally by eSG but will work on any standard environment. Please note that some functions will work best on the eSG Standard Image 2014 & 2017 based in centos 6.8 and 7 respectively.

### Options

- profiles - Install esg profiles for selected apps
- build - Build current Go project using the eSG Build script
- web - Web Tools
- update - Update esgtools to the latest version
- hash - Create fast SHA256 hash of file
- install - Install supported applications
- disk - **TBA**
- debug - Show debug information
- minify - Minify CSS, HTML, JS, JSON, SVG, XML

#### 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 | x86 | `wget http://tools.eservices-greece.net/esgtools; chmod +x esgtools` |
| Linux | x64 | `wget http://tools.eservices-greece.net/esgtools_64; chmod +x esgtools_64` |

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
```

#### Update esgtools

```
./esgtools update
```

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Permanent link:
**https://esgr.in/wiki/software/esgtools?rev=1501078639**

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