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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	Download	Download	Download	Download	Download	Download	Download	Download	Download	Download
Windows	Download	Download	Download							
OS X	Download	Download								
FreeBSD	Download	Download								
Dragonfly										
NetBSD										
openBSD	Download	Download	Download							
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
```

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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Permanent link:
https://esgr.in/wiki/software/esgtools?rev=1570745208

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