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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 (profiles for example) will work best on the eSGR Standard Image 2014 & 2017 & 2020 based in centos 6.9, 7.7 and 8.0 respectively.

Options

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

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	s390x
Linux	Download	Download	Download	Download	Download	Download	Download	Download	Download	Download	Download
Windows	Download	Download	Download								
OS X	Download	Download									
FreeBSD	Download	Download	Download								
Dragonfly											
NetBSD											
openBSD	Download	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
```

hash

```
./esgt hash filename
```

web

size

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

headers

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

tags (analytics etc)

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

protocol

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

minify

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

Update esgtools

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

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Permanent link:
https://esgr.in/wiki/software/esgtools?rev=1579078448

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