Codelab Documentation

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Introduction

Config file

Filesystem

Database

System

Global defines

clVersion

Returns current Codelab version.

```
echo clVersion;
// returns 1.0.3
```

clCodename

Returns current Codelab version codename.

```
echo clCodename;
// returns 'alpha'
```

clDomain

Returns current domain name

```
echo clDomain;
// returns 'g3ck.com' or 'localhost'
```

clProtocol

Returns current internet protocol

```
echo clProtocol;
// returns 'http' or 'https'
```

clPath

Return absolute path of main folder.

```
//  Example for folders structure
//  <my-project>
//      <app>
//      <codelab>
//      <...>
```

echo clPath;

```
// returns
'/home/g3ck/projects/my-project' for remote
'D:/home/g3ck/projects/my-project' for localhost
```

clQuery

Returns current URL query

```
<pre>
    <?php
         print_r(clQuery);
        // Return array
        // Array
        // (
        //     [0] => first
        //     [1] => second
        // )
        // for http://domain.com/first/second
    ?>
</pre>
```

clUrl

Returns full URL of main folder.

echo clUrl;
```
// returns http://domain.com/subfolder
```

clPage

Returns current page informations

```
<pre>
    <?php
         print_r(cl_Page);
        // Return array
        // Array (
```

```
        //      [id] => 23
        //      [name] => Shop category
        //      [alias] => shop-category
        //      [catch] => {"pl":"sklep/[category]","en":"shop/[category]"}
        //      [pageFile] => main
        // )
     ?>
</pre>
```

Core functions

App

app::block

app:block($filename)

app::lang

app::lang($data = null)

// Lang code

if ($data == null):

    return 'en';

// Lang version from array

elseif (is_array($data)):

    return $data['en'];

// Lang translation

else:

    return $data;

endif;

app:link

app::link()

app::page

app::page()

app::control

app::control()

app::position

app::position($positionName)

app::position

app::positionCheck($positionName)

app::asset

app::asset($filePath)

app::assets

app::assets();

app::end

app::end();

Auth

auth::id

id()

auth::destroy

auth::destroy()

auth::login

auth::login($user, $password)

auth::check

auth::check()

Cypto

crypto::in

crypto::in($string)

crypto::out

crypto::out($hash)

Engine

engine::block

engine::block($blockFile)

engine::translation

engine::translation($text, $transform = null, $destionationLanguage = null){

engine::noty

engine::noty($type, $text)

engine::notyDisplay

engine::notyDisplay()

engine::checkIco

engine::checkIco($value)

engine::path

engine::path()

engine::url

engine::url()

engine::asset

engine::asset($filePath)

engine::assets

engine::assets()

engine::critical

engine::critical($text)

engine::page

engine::page()

Lang

lang::text

lang::text($text, $transform = null)

lang::extract

lang::extract($text)

Registry

registry::get($name, $default = null)

registry::get($name, $default = null)

Section

section::get

section::get($variable = null)

```
/* variables

Array
(
    [id] => 1
    [name] => header
    [path] => D:/Projects/my-project/app/sections/frontend/header/
    [url] => http://localhost/projects/my-
project/app/sections/frontend/header/
    [class] => someCLass
    [pages] => Array
        (
            [include] => ["1", "23", "24", "31"]
            [Exclude] =>
        )
    [position] => header
    [ordering] => -1
    [meta] => Array
        (
            [logoText] => SPF Tool
            [navigation] => Array
                (
```

```
            [0] => Array
                (
                    [name] => Array
                        (
                            [pl] => Strona główna
                            [en] => Homepage
                        )
                    [link] => Array
                        (
                            [pl] => /
                            [en] => /
                        )
                )
            [1] => Array
                (
                    [name] => Array
                        (
                            [pl] => O Nas
                            [en] => About us
                        )
                    [link] => Array
                        (
                            [pl] => /o-nas
                            [en] => /about-us
                        )
                )
            [2] => Array
                (
                    [name] => Array
                        (
                            [en] => Services
                        )
                    [link] => Array
                        (
                            [en] => /services
                        )
                )
            [3] => Array
                (
                    [name] => Array
                        (
                            [en] => Contact
                        )
                    [link] => Array
                        (
                            [en] => /contact
                        )
                )
        )
    )
)
*/
```

sectiob::create

section::create();

Session

session::return

session::return()

session::set

session::set($name, $value = null)

session::get

session::get($name = null)

session::delete

session::delete($name)

session::destroy

session::destroy()

Spy

spy::ip

spy::ip()

spy::browser

spy::browser()

spy::browserName

spy::browserName()

spy::browserVersion

spy::browserVersion()

spy::os()

spy::os()

Sections

Structure

Section building

Introduction

```
echo '<pre>';
print_r($clSection);
echo '</pre>';

/* Returns

Arraya
(
    [id] => 1
    [name] => header
    [path] => D:/Projects/my-project/app/sections/frontend/header/
    [url] => http://localhost/projects/my-
project/app/sections/frontend/header/
    [class] => someCLass
    [pages] => Array
        (
            [include] => ["1", "23", "24", "31"]
            [Exclude] =>
        )
    [position] => header
    [ordering] => -1
    [meta] => Array
        (
            [logoText] => SPF Tool
            [navigation] => Array
                (
                    [0] => Array
                        (
                            [name] => Array
                                (
                                    [pl] => Strona główna
                                    [en] => Homepage
                                )
                            [link] => Array
                                (
                                    [pl] => /
                                    [en] => /
                                )
                        )
                    [1] => Array
                        (
                            [name] => Array
                                (
                                    [pl] => O Nas
                                    [en] => About us
                                )
                            [link] => Array
```

```
                            (
                                [pl] => /o-nas
                                [en] => /about-us
                            )
                    )
                [2] => Array
                    (
                        [name] => Array
                            (
                                [en] => Services
                            )
                        [link] => Array
                            (
                                [en] => /services
                            )
                    )
                [3] => Array
                    (
                        [name] => Array
                            (
                                [en] => Contact
                            )
                        [link] => Array
                            (
                                [en] => /contact
                            )
                    )
            )
        )
)
*/
```

Functions

section::get

section::get($variable);
or
section::get(); // for array

```
Arraya
(
    [id] => 1
    [name] => header
    [path] => D:/Projects/my-project/app/sections/frontend/header/
    [url] => http://localhost/projects/my-
project/app/sections/frontend/header/
    [pages] => Array
        (
            [include] => ["1", "23", "24", "31"]
            [Exclude] =>
        )
    [position] => header
    [ordering] => -1
    [meta] => Array
        (
            [logoText] => SPF Tool
```

```
        [navigation] => Array
            (
                [0] => Array
                    (
                        [name] => Array
                            (
                                [pl] => Strona główna
                                [en] => Homepage
                            )
                        [link] => Array
                            (
                                [pl] => /
                                [en] => /
                            )
                    )
                [1] => Array
                    (
                        [name] => Array
                            (
                                [pl] => O Nas
                                [en] => About us
                            )
                        [link] => Array
                            (
                                [pl] => /o-nas
                                [en] => /about-us
                            )
                    )
                [2] => Array
                    (
                        [name] => Array
                            (
                                [en] => Services
                            )
                        [link] => Array
                            (
                                [en] => /services
                            )
                    )
                [3] => Array
                    (
                        [name] => Array
                            (
                                [en] => Contact
                            )
                        [link] => Array
                            (
                                [en] => /contact
                            )
                    )
            )
    )
)
*/
```

Security

Crypto methods

```
// base64                          Base 64
//
// bf-cbc                          Blowfish in CBC mode
// bf                 Alias for bf-cbc
// bf-cfb             Blowfish in CFB mode
// bf-ecb                          Blowfish in ECB mode
// bf-ofb             Blowfish in OFB mode
//
// cast-cbc                        CAST in CBC mode
// cast                           Alias for cast-cbc
// cast5-cbc                       CAST5 in CBC mode
// cast5-cfb                       CAST5 in CFB mode
// cast5-ecb                       CAST5 in ECB mode
// cast5-ofb                       CAST5 in OFB mode
//
// des-cbc                         DES in CBC mode
// des                             Alias for des-cbc
// des-cfb                         DES in CBC mode
// des-ofb                         DES in OFB mode
// des-ecb                         DES in ECB mode
//
// des-ede-cbc                     Two key triple DES EDE in CBC mode
// des-ede                         Two key triple DES EDE in ECB mode
// des-ede-cfb                     Two key triple DES EDE in CFB mode
// des-ede-ofb                     Two key triple DES EDE in OFB mode
//
// des-ede3-cbc                    Three key triple DES EDE in CBC mode
// des-ede3                        Three key triple DES EDE in ECB mode
// des3                            Alias for des-ede3-cbc
// des-ede3-cfb                    Three key triple DES EDE CFB mode
// des-ede3-ofb                    Three key triple DES EDE in OFB mode
//
// desx                            DESX algorithm.
//
// gost89                          GOST 28147-89 in CFB mode (provided by ccgost
engine)
// gost89-cnt      `               GOST 28147-89 in CNT mode (provided by ccgost
engine)
//
// idea-cbc                        IDEA algorithm in CBC mode
// idea                            same as idea-cbc
// idea-cfb                        IDEA in CFB mode
// idea-ecb                        IDEA in ECB mode
// idea-ofb                        IDEA in OFB mode
//
// rc2-cbc                         128 bit RC2 in CBC mode
// rc2                Alias for rc2-cbc
// rc2-cfb                         128 bit RC2 in CFB mode
// rc2-ecb                         128 bit RC2 in ECB mode
// rc2-ofb                         128 bit RC2 in OFB mode
// rc2-64-cbc                      64 bit RC2 in CBC mode
// rc2-40-cbc                      40 bit RC2 in CBC mode
//
// rc4                128 bit RC4
// rc4-64                          64 bit RC4
// rc4-40                          40 bit RC4
```

```
 //
// rc5-cbc                          RC5 cipher in CBC mode
// rc5                    Alias for rc5-cbc
// rc5-cfb                          RC5 cipher in CFB mode
// rc5-ecb                          RC5 cipher in ECB mode
// rc5-ofb                          RC5 cipher in OFB mode
 //
// aes-[128|192|256]-cbc      128/192/256 bit AES in CBC mode
// aes-[128|192|256]                Alias for aes-[128|192|256]-cbc
// aes-[128|192|256]-cfb      128/192/256 bit AES in 128 bit CFB mode
// aes-[128|192|256]-cfb1     128/192/256 bit AES in 1 bit CFB mode
// aes-[128|192|256]-cfb8     128/192/256 bit AES in 8 bit CFB mode
// aes-[128|192|256]-ecb      128/192/256 bit AES in ECB mode
// aes-[128|192|256]-ofb      128/192/256 bit AES in OFB mode
```