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

: