

Caiman-API

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Chapter 1

Symfony Polyfill / Ctype

This component provides `ctype_*` functions to users who run php versions without the `ctype` extension.

More information can be found in the [main Polyfill README](#).

1.1 License

This library is released under the [MIT license](LICENSE).

Chapter 2

Hierarchical Index

2.1 Class Hierarchy

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File Index

4.1 File List

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Chapter 5

Data Structure Documentation

5.1 Category Class Reference

Public Member Functions

- [__construct](#) (int *\$id*=null, string *\$name*=null)

Data Fields

- int ***\$id***
- string ***\$name***

5.1.1 Constructor & Destructor Documentation

5.1.1.1 __construct()

```
__construct (
    int $id = null,
    string $name = null )
```

Constructor of the category model object.

Parameters

int	<i>\$id</i>	The category identifier
string	<i>\$name</i>	The name of the category

The documentation for this class was generated from the following file:

- app/Models/[Category.php](#)

5.2 CategoryController Class Reference

Public Member Functions

- [__construct](#) (\PDO \$db)
- [getAllCategory](#) ()

5.2.1 Constructor & Destructor Documentation

5.2.1.1 __construct()

```
__construct (
    \PDO $db )
```

Constructor of the [CategoryController](#) object.

Parameters

PDO	\$db	The database connection
-----	------	-------------------------

5.2.2 Member Function Documentation

5.2.2.1 getAllCategory()

```
getAllCategory ( )
```

Method to return all category in JSON format.

Returns

string The status and the body in json format of the response

The documentation for this class was generated from the following file:

- app/Controllers/[CategoryController.php](#)

5.3 ClassLoader Class Reference

Public Member Functions

- **__construct** (\$vendorDir=null)
- **getPrefixes** ()
- **getPrefixesPsr4** ()
- **getFallbackDirs** ()
- **getFallbackDirsPsr4** ()
- **getClassMap** ()
- **addClassMap** (array \$classMap)
- **add** (\$prefix, \$paths, \$prepend=false)
- **addPsr4** (\$prefix, \$paths, \$prepend=false)
- **set** (\$prefix, \$paths)
- **setPsr4** (\$prefix, \$paths)
- **setUseIncludePath** (\$useIncludePath)
- **getUseIncludePath** ()
- **setClassMapAuthoritative** (\$classMapAuthoritative)
- **isClassMapAuthoritative** ()
- **setApcuPrefix** (\$apcuPrefix)
- **getApcuPrefix** ()
- **register** (\$prepend=false)
- **unregister** ()
- **loadClass** (\$class)
- **findFile** (\$class)

Static Public Member Functions

- static **getRegisteredLoaders** ()

5.3.1 Detailed Description

ClassLoader implements a PSR-0, PSR-4 and classmap class loader.

```
$loader = new \Composer\Autoload\ClassLoader();

// register classes with namespaces
$loader->add('Symfony\Component', __DIR__.'/component');
$loader->add('Symfony',           __DIR__.'/framework');

// activate the autoloader
$loader->register();

// to enable searching the include path (eg. for PEAR packages)
$loader->setUseIncludePath(true);
```

In this example, if you try to use a class in the `Symfony\Component` namespace or one of its children (`Symfony\Component\Console` for instance), the autoloader will first look for the class under the `component/` directory, and it will then fallback to the `framework/` directory if not found before giving up.

This class is loosely based on the `Symfony UniversalClassLoader`.

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See also

<https://www.php-fig.org/psr/psr-0/>
<https://www.php-fig.org/psr/psr-4/>

5.3.2 Member Function Documentation

5.3.2.1 add()

```
add (
    $prefix,
    $paths,
    $prepend = false )
```

Registers a set of PSR-0 directories for a given prefix, either appending or prepending to the ones previously set for this prefix.

Parameters

string	<i>\$prefix</i>	The prefix
array string	<i>\$paths</i>	The PSR-0 root directories
bool	<i>\$prepend</i>	Whether to prepend the directories

5.3.2.2 addClassMap()

```
addClassMap (
    array $classMap )
```

Parameters

array	<i>\$classMap</i>	Class to filename map
-------	-------------------	-----------------------

5.3.2.3 addPsr4()

```
addPsr4 (
    $prefix,
    $paths,
    $prepend = false )
```

Registers a set of PSR-4 directories for a given namespace, either appending or prepending to the ones previously set for this namespace.

Parameters

string	<i>\$prefix</i>	The prefix/namespace, with trailing '\'
array string	<i>\$paths</i>	The PSR-4 base directories
bool	<i>\$prepend</i>	Whether to prepend the directories

Exceptions

--	--

5.3.2.4 findFile()

```
findFile (
    $class )
```

Finds the path to the file where the class is defined.

Parameters

string	<i>\$class</i>	The name of the class
--------	----------------	-----------------------

Returns

string|false The path if found, false otherwise

5.3.2.5 getApcuPrefix()

```
getApcuPrefix ( )
```

The APCu prefix in use, or null if APCu caching is not enabled.

Returns

string|null

5.3.2.6 getRegisteredLoaders()

```
static getRegisteredLoaders ( ) [static]
```

Returns the currently registered loaders indexed by their corresponding vendor directories.

Returns

self[]

5.3.2.7 `getUseIncludePath()`

```
getUseIncludePath ( )
```

Can be used to check if the autoloader uses the include path to check for classes.

Returns

bool

5.3.2.8 `isClassMapAuthoritative()`

```
isClassMapAuthoritative ( )
```

Should class lookup fail if not found in the current class map?

Returns

bool

5.3.2.9 `loadClass()`

```
loadClass (
    $class )
```

Loads the given class or interface.

Parameters

string	<i>\$class</i>	The name of the class
--------	----------------	-----------------------

Returns

bool|null True if loaded, null otherwise

5.3.2.10 `register()`

```
register (
    $prepend = false )
```

Registers this instance as an autoloader.

Parameters

bool	<i>\$prepend</i>	Whether to prepend the autoloader or not
------	------------------	--

5.3.2.11 set()

```
set (
    $prefix,
    $paths )
```

Registers a set of PSR-0 directories for a given prefix, replacing any others previously set for this prefix.

Parameters

string	<i>\$prefix</i>	The prefix
array string	<i>\$paths</i>	The PSR-0 base directories

5.3.2.12 setApcuPrefix()

```
setApcuPrefix (
    $apcuPrefix )
```

APCu prefix to use to cache found/not-found classes, if the extension is enabled.

Parameters

string null	<i>\$apcuPrefix</i>	
---------------	---------------------	--

5.3.2.13 setClassMapAuthoritative()

```
setClassMapAuthoritative (
    $classMapAuthoritative )
```

Turns off searching the prefix and fallback directories for classes that have not been registered with the class map.

Parameters

bool	<i>\$classMapAuthoritative</i>	
------	--------------------------------	--

5.3.2.14 setPsr4()

```
setPsr4 (
    $prefix,
    $paths )
```

Registers a set of PSR-4 directories for a given namespace, replacing any others previously set for this namespace.

Parameters

string	<i>\$prefix</i>	The prefix/namespace, with trailing '\'
array string	<i>\$paths</i>	The PSR-4 base directories

Exceptions

--	--

5.3.2.15 setUseIncludePath()

```
setUseIncludePath (
    $useIncludePath )
```

Turns on searching the include path for class files.

Parameters

bool	<i>\$useIncludePath</i>	
------	-------------------------	--

5.3.2.16 unregister()

```
unregister ( )
```

Unregisters this instance as an autoloader.

The documentation for this class was generated from the following file:

- vendor/composer/ClassLoader.php

5.4 ComposerAutoloaderInit12d41e5c90a50136bf3faf839b179187 Class Reference

Static Public Member Functions

- static **loadClassLoader** (\$class)
- static [getLoader](#) ()

5.4.1 Member Function Documentation

5.4.1.1 getLoader()

```
static getLoader ( ) [static]
```

Returns

\Composer\Autoload\ClassLoader

The documentation for this class was generated from the following file:

- vendor/composer/autoload_real.php

5.5 ComposerStaticInit12d41e5c90a50136bf3faf839b179187 Class Reference

Static Public Member Functions

- static **getInitializer** ([ClassLoader](#) \$loader)

Static Public Attributes

- static **\$files**
- static **\$prefixLengthsPsr4**
- static **\$prefixDirsPsr4**
- static **\$prefixesPsr0**
- static **\$classMap**

5.5.1 Field Documentation

5.5.1.1 \$classMap

```
$classMap [static]
```

Initial value:

```
= array (
    'Composer\\InstalledVersions' => __DIR__ . '/../..' . '/composer/InstalledVersions.php',
    'Dompdf\\Cpdf' => __DIR__ . '/../..' . '/dompdf/dompdf/lib/Cpdf.php',
    'HTML5_Data' => __DIR__ . '/../..' . '/dompdf/dompdf/lib/html5lib/Data.php',
    'HTML5_InputStream' => __DIR__ . '/../..' . '/dompdf/dompdf/lib/html5lib/InputStream.php',
    'HTML5_Parser' => __DIR__ . '/../..' . '/dompdf/dompdf/lib/html5lib/Parser.php',
    'HTML5_Tokenizer' => __DIR__ . '/../..' . '/dompdf/dompdf/lib/html5lib/Tokenizer.php',
    'HTML5_TreeBuilder' => __DIR__ . '/../..' . '/dompdf/dompdf/lib/html5lib/TreeBuilder.php',
)
```

5.5.1.2 \$files

\$files [static]

Initial value:

```
= array (
    '320cde22f66dd4f5d3fd621d3e88b98f' => __DIR__ . '/../' . '/symfony/polyfill-ctype/bootstrap.php',
)
```

5.5.1.3 \$prefixDirsPsr4

\$prefixDirsPsr4 [static]

Initial value:

```
= array (
    'Symfony\\Polyfill\\Ctype\\' =>
        array (
            0 => __DIR__ . '/../' . '/symfony/polyfill-ctype',
        ),
    'Svg\\' =>
        array (
            0 => __DIR__ . '/../' . '/phenx/php-svg-lib/src/Svg',
        ),
    'PHPMailer\\PHPMailer\\' =>
        array (
            0 => __DIR__ . '/../' . '/phpmailer/phpmailer/src',
        ),
    'FontLib\\' =>
        array (
            0 => __DIR__ . '/../' . '/phenx/php-font-lib/src/FontLib',
        ),
    'Dotenv\\' =>
        array (
            0 => __DIR__ . '/../' . '/vlucas/phpdotenv/src',
        ),
    'Dompdf\\' =>
        array (
            0 => __DIR__ . '/../' . '/dompdf/dompdf/src',
        ),
    'App\\' =>
        array (
            0 => __DIR__ . '/../../../../' . '/app',
        ),
)
```

5.5.1.4 \$prefixesPsr0

\$prefixesPsr0 [static]

Initial value:

```
= array (
    'S' =>
        array (
            'Sabberworm\\CSS' =>
                array (
                    0 => __DIR__ . '/../' . '/sabberworm/php-css-parser/lib',
                ),
        ),
)
```

5.5.1.5 \$prefixLengthsPsr4

\$prefixLengthsPsr4 [static]

Initial value:

```
= array (
    'S' =>
        array (
            'Symfony\\Polyfill\\Ctype\\' => 23,
            'Svg\\' => 4,
        ),
    'P' =>
        array (
            'PHPMailer\\PHPMailer\\' => 20,
        ),
    'F' =>
        array (
            'FontLib\\' => 8,
        ),
    'D' =>
        array (
            'Dotenv\\' => 7,
            'Dompdf\\' => 7,
        ),
    'A' =>
        array (
            'App\\' => 4,
        ),
)
```

The documentation for this class was generated from the following file:

- vendor/composer/autoload_static.php

5.6 Console Class Reference

Public Member Functions

- [__construct](#) (int \$id=null, string \$name=null, string \$folderName=null, int \$idEmulator=null)

Data Fields

- int **\$id**
- string **\$name**
- string **\$folderName**
- int **\$idEmulator**

5.6.1 Constructor & Destructor Documentation

5.6.1.1 __construct()

```
__construct (
    int $id = null,
    string $name = null,
    string $folderName = null,
    int $idEmulator = null )
```

Constructor of the console model object.

Parameters

integer	<i>\$id</i>	
string	<i>\$name</i>	
string	<i>\$folderName</i>	
integer	<i>\$idEmulator</i>	

The documentation for this class was generated from the following file:

- app/Models/[Console.php](#)

5.7 Constants Class Reference

Data Fields

- const **USER_CODE_ROLE** = 1
- const **ADMIN_CODE_ROLE** = 2

The documentation for this class was generated from the following file:

- app/System/[Constants.php](#)

5.8 CType Class Reference

Static Public Member Functions

- static [ctype_alnum](#) (\$text)
- static [ctype_alpha](#) (\$text)
- static [ctype_cntrl](#) (\$text)
- static [ctype_digit](#) (\$text)
- static [ctype_graph](#) (\$text)
- static [ctype_lower](#) (\$text)
- static [ctype_print](#) (\$text)
- static [ctype_punct](#) (\$text)
- static [ctype_space](#) (\$text)
- static [ctype_upper](#) (\$text)
- static [ctype_xdigit](#) (\$text)

5.8.1 Detailed Description

[Ctype](#) implementation through regex.

5.8.2 Member Function Documentation

5.8.2.1 ctype_alnum()

```
static ctype_alnum (
    $text ) [static]
```

Returns TRUE if every character in text is either a letter or a digit, FALSE otherwise.

See also

<https://php.net/ctype-alnum>

Parameters

string int	<i>\$text</i>	
--------------	---------------	--

Returns

bool

5.8.2.2 ctype_alpha()

```
static ctype_alpha (
    $text ) [static]
```

Returns TRUE if every character in text is a letter, FALSE otherwise.

See also

<https://php.net/ctype-alpha>

Parameters

string int	<i>\$text</i>	
--------------	---------------	--

Returns

bool

5.8.2.3 ctype_cntrl()

```
static ctype_cntrl (
    $text ) [static]
```

Returns TRUE if every character in text is a control character from the current locale, FALSE otherwise.

See also

<https://php.net/ctype-ctrl>

Parameters

string int	<i>\$text</i>	
--------------	---------------	--

Returns

bool

5.8.2.4 ctype_digit()

```
static ctype_digit (
    $text ) [static]
```

Returns TRUE if every character in the string text is a decimal digit, FALSE otherwise.

See also

<https://php.net/ctype-digit>

Parameters

string int	<i>\$text</i>	
--------------	---------------	--

Returns

bool

5.8.2.5 ctype_graph()

```
static ctype_graph (
    $text ) [static]
```

Returns TRUE if every character in text is printable and actually creates visible output (no white space), FALSE otherwise.

See also

<https://php.net/ctype-graph>

Parameters

string int	<i>\$text</i>	
--------------	---------------	--

Returns

bool

5.8.2.6 ctype_lower()

```
static ctype_lower (
    $text ) [static]
```

Returns TRUE if every character in text is a lowercase letter.

See also

<https://php.net/ctype-lower>

Parameters

string int	<i>\$text</i>	
--------------	---------------	--

Returns

bool

5.8.2.7 ctype_print()

```
static ctype_print (
    $text ) [static]
```

Returns TRUE if every character in text will actually create output (including blanks). Returns FALSE if text contains control characters or characters that do not have any output or control function at all.

See also

<https://php.net/ctype-print>

Parameters

string int	<i>\$text</i>	
--------------	---------------	--

Returns

bool

5.8.2.8 ctype_punct()

```
static ctype_punct (
    $text ) [static]
```

Returns TRUE if every character in text is printable, but neither letter, digit or blank, FALSE otherwise.

See also

<https://php.net/ctype-punct>

Parameters

string int	<i>\$text</i>	
--------------	---------------	--

Returns

bool

5.8.2.9 ctype_space()

```
static ctype_space (
    $text ) [static]
```

Returns TRUE if every character in text creates some sort of white space, FALSE otherwise. Besides the blank character this also includes tab, vertical tab, line feed, carriage return and form feed characters.

See also

<https://php.net/ctype-space>

Parameters

string int	<i>\$text</i>	
--------------	---------------	--

Returns

bool

5.8.2.10 ctype_upper()

```
static ctype_upper (
    $text ) [static]
```

Returns TRUE if every character in text is an uppercase letter.

See also

<https://php.net/ctype-upper>

Parameters

string int	\$text	
--------------	--------	--

Returns

bool

5.8.2.11 ctype_xdigit()

```
static ctype_xdigit (
    $text ) [static]
```

Returns TRUE if every character in text is a hexadecimal 'digit', that is a decimal digit or a character from [A-Fa-f] , FALSE otherwise.

See also

<https://php.net/ctype-xdigit>

Parameters

string int	\$text	
--------------	--------	--

Returns

bool

The documentation for this class was generated from the following file:

- vendor/symfony/polyfill-ctype/Ctype.php

5.9 DAOCategory Class Reference

Public Member Functions

- [__construct](#) (\PDO \$db)
- [getAllCategory](#) ()

5.9.1 Constructor & Destructor Documentation

5.9.1.1 `__construct()`

```
__construct (
    \PDO $db )
```

Constructor of the DAOgame object.

Parameters

PDO	<i>\$db</i>	The database connection
-----	-------------	-------------------------

5.9.2 Member Function Documentation

5.9.2.1 `getAllCategory()`

```
getAllCategory ( )
```

Method to return all categories from the database in an array of Category objects.

Returns

Category[] A Category object array

The documentation for this class was generated from the following file:

- [app/DataAccessObject/DAOCategory.php](#)

5.10 DAOConsole Class Reference

Public Member Functions

- [__construct](#) (\PDO \$db)
- [find](#) (int \$id)

5.10.1 Constructor & Destructor Documentation

5.10.1.1 `__construct()`

```
__construct (
    \PDO $db )
```

Constructor of the [DAOConsole](#) object.

Parameters

PDO	<i>\$db</i>	The database connection
-----	-------------	-------------------------

5.10.2 Member Function Documentation

5.10.2.1 find()

```
find (
    int $id )
```

Methode to return the informations of a console

The documentation for this class was generated from the following file:

- [app/DataAccessObject/DAOConsole.php](#)

5.11 DAOFile Class Reference

Public Member Functions

- [__construct](#) (\PDO \$db)
- [find](#) (int \$id)

5.11.1 Constructor & Destructor Documentation

5.11.1.1 __construct()

```
__construct (
    \PDO $db )
```

Constructor of the DAOfile object.

Parameters

PDO	<i>\$db</i>	The database connection
-----	-------------	-------------------------

5.11.2 Member Function Documentation

5.11.2.1 find()

```
find (
    int $id )
```

Return a file frome it's id

Parameters

integer	<i>\$id</i>	
---------	-------------	--

Returns

file

The documentation for this class was generated from the following file:

- app/DataAccessObject/[DAOFile.php](#)

5.12 DAOFileSave Class Reference

Public Member Functions

- [__construct](#) (\PDO \$db)
- [find](#) (int \$idEmulator, int \$idUser)
- [findFileName](#) (int \$idEmulator, int \$idUser)
- [AddFileSave](#) (\$idEmulator, \$idUser, \$newFileName)

5.12.1 Constructor & Destructor Documentation

5.12.1.1 __construct()

```
__construct (
    \PDO $db )
```

Constructor of the DAOfile object.

Parameters

PDO	<i>\$db</i>	The database connection
-----	-------------	-------------------------

5.12.2 Member Function Documentation

5.12.2.1 AddFileSave()

```
AddFileSave (
    $idEmulator,
    $idUser,
    $newFileName )
```

Method to upload add a fileSave

Returns

void

5.12.2.2 find()

```
find (
    int $idEmulator,
    int $idUser )
```

Return a fileSave frome it's id

Parameters

integer	<i>\$id</i>	
---------	-------------	--

Returns

void

5.12.2.3 findFileName()

```
findFileName (
    int $idEmulator,
    int $idUser )
```

Return the filename of a fileSave

Parameters

integer	<i>\$id</i>	
---------	-------------	--

Returns

void

The documentation for this class was generated from the following file:

- app/DataAccessObject/[DAOFileSave.php](#)

5.13 DAOGame Class Reference

Public Member Functions

- [__construct](#) (\PDO \$db)
- [findAll](#) ()
- [find](#) (int \$id)
- [getTimeUser](#) (int \$idGame, int \$idUser)
- [addOneMinuteToGameTime](#) (int \$idGame, int \$idUser)
- [findGameFromCategory](#) (int \$id)
- [findTimesGamesUser](#) (int \$id)
- [findFavoriteGameOfUser](#) (int \$id)
- [findGamesFromName](#) (string \$name)
- [addGameToFavorite](#) (int \$idGame, int \$idUser)
- [checkIfGameFavorite](#) (int \$idGame, int \$idUser)
- [removeGameFromFavorite](#) (int \$idGame, int \$idUser)

5.13.1 Constructor & Destructor Documentation

5.13.1.1 __construct()

```
__construct (
    \PDO $db )
```

Constructor of the DAOgame\$game object.

Parameters

PDO	<i>\$db</i>	The database connection
-----	-------------	-------------------------

5.13.2 Member Function Documentation

5.13.2.1 addGameToFavorite()

```
addGameToFavorite (
    int $idGame,
    int $idUser )
```

Method to add game to favorite

Parameters

int	<i>\$idUser</i>	The user identifier
int	<i>\$idGame</i>	

Returns

void

5.13.2.2 addOneMinuteToGameTime()

```
addOneMinuteToGameTime (
    int $idGame,
    int $idUser )
```

Method to add one minutes of game for a specific game

Parameters

int	<i>\$idUser</i>	
int	<i>\$idGame</i>	

Returns

void

5.13.2.3 checkIfGameFavorite()

```
checkIfGameFavorite (
    int $idGame,
    int $idUser )
```

Check if a game is already in favorite

Parameters

int	<i>\$idUser</i>	
int	<i>\$idGame</i>	

Returns

bool

5.13.2.4 find()

```
find (
    int $id )
```

Method to return a game from the database in a game model object.

Parameters

int	<i>\$id</i>	The game\$game identifier
-----	-------------	---------------------------

Returns

game A game model object containing all the result rows of the query

5.13.2.5 findAll()

```
findAll ( )
```

Method to return all game from the database in an array of game\$game objects.

Returns

Game[] A game\$game object array

5.13.2.6 findFavoriteGameOfUser()

```
findFavoriteGameOfUser (
    int $id )
```

Method to return the list of user's favorites games

Parameters

int	<i>\$id</i>	The user identifier
-----	-------------	---------------------

Returns

list of games A game model object containing all the result rows of the query

5.13.2.7 findGameFromCategory()

```
findGameFromCategory (
    int $id )
```

Method to return a list of games from the database where the category of the game is specified

Parameters

int	<i>\$id</i>	The category identifier
-----	-------------	-------------------------

Returns

list of games A game model object containing all the result rows of the query

5.13.2.8 findGamesFromName()

```
findGamesFromName (
    string $name )
```

Method to return the list of games by their names

Parameters

string	<i>\$name</i>	
--------	---------------	--

Returns

list of games A game model object containing all the result rows of the query

5.13.2.9 findTimesGamesUser()

```
findTimesGamesUser (
    int $id )
```

Method to return the list of games a user has already played

Parameters

int	<i>\$id</i>	The user identifier
-----	-------------	---------------------

Returns

list of games A game model object containing all the result rows of the query

5.13.2.10 getTimeUser()

```
getTimeUser (
    int $idGame,
    int $idUser )
```

Method to return the number of minutes played by the user for one game

Parameters

int	<i>\$idUser</i>	
int	<i>\$idGame</i>	

Returns

int

5.13.2.11 removeGameFromFavorite()

```
removeGameFromFavorite (
    int $idGame,
    int $idUser )
```

Remove game from favorite

Parameters

int	<i>\$idUser</i>	
int	<i>\$idGame</i>	

Returns

void

The documentation for this class was generated from the following file:

- app/DataAccessObject/[DAOGame.php](#)

5.14 DAOUser Class Reference

Public Member Functions

- [__construct](#) (\PDO \$db)
- [findAll](#) ()
- [find](#) (string \$apitoken)
- [findByCaimanToken](#) (string \$caimanToken)
- [updateCaimanToken](#) (string \$apitoken)
- [findUserByUsername](#) (string \$username)

5.14.1 Constructor & Destructor Documentation

5.14.1.1 __construct()

```
__construct (
    \PDO $db )
```

Constructor of the [DAOUser](#) object.

Parameters

PDO	<i>\$db</i>	The database connection
-----	-------------	-------------------------

5.14.2 Member Function Documentation

5.14.2.1 find()

```
find (
    string $apitoken )
```

Method to return a user from the database in a user model object from it's apiToken

Parameters

string	<i>\$apitoken</i>	
--------	-------------------	--

Returns

User A User model object containing all the result rows of the query

5.14.2.2 findAll()

```
findAll ( )
```

Method to return all users with the selected role from the database in an array of user objects.

Returns

User[] A User object array

5.14.2.3 findByCaimanToken()

```
findByCaimanToken (
    string $caimanToken )
```

Method to return a user from the database in a user model object from a caimanToken

Parameters

string	<i>\$caimanToken</i>	
--------	----------------------	--

Returns

User A User model object containing all the result rows of the query

5.14.2.4 findUserByUsername()

```
findUserByUsername (
    string $username )
```

Method to return get a user from a username

Parameters

string	<i>\$username</i>	
--------	-------------------	--

Returns

User

5.14.2.5 updateCaimanToken()

```
updateCaimanToken (
    string $apitoken )
```

Method to return update the caimanToken of a user

Parameters

string	<i>\$apitoken</i>	
--------	-------------------	--

Returns

void

The documentation for this class was generated from the following file:

- app/DataAccessObject/[DAOUser.php](#)

5.15 DatabaseConnector Class Reference

Public Member Functions

- [__construct](#) ()
- [getConnection](#) ()

5.15.1 Constructor & Destructor Documentation

5.15.1.1 __construct()

```
__construct ( )
```

Constructor of the User object.

5.15.2 Member Function Documentation

5.15.2.1 getConnection()

```
getConnection ( )
```

Method for returning the connection.

Returns

PDO The database connection

The documentation for this class was generated from the following file:

- [app/System/DatabaseConnector.php](#)

5.16 Dotenv Class Reference

Public Member Functions

- [__construct](#) (\$path, \$file='.env')
- [load](#) ()
- [safeLoad](#) ()
- [overload](#) ()
- [required](#) (\$variable)
- [getEnvironmentVariableNames](#) ()

Protected Member Functions

- [getFilePath](#) (\$path, \$file)
- [loadData](#) (\$overload=false)

Protected Attributes

- [\\$filePath](#)
- [\\$loader](#)

5.16.1 Detailed Description

This is the dotenv class.

It's responsible for loading a `.env` file in the given directory and setting the environment vars.

5.16.2 Constructor & Destructor Documentation

5.16.2.1 __construct()

```
__construct (
    $path,
    $file = '.env' )
```

Create a new dotenv instance.

Parameters

string	<i>\$path</i>	
string	<i>\$file</i>	

Returns

void

5.16.3 Member Function Documentation

5.16.3.1 `getEnvironmentVariableNames()`

```
getEnvironmentVariableNames ( )
```

Get the list of environment variables declared inside the 'env' file.

Returns

array

5.16.3.2 `getFilePath()`

```
getFilePath (
    $path,
    $file ) [protected]
```

Returns the full path to the file.

Parameters

string	<i>\$path</i>	
string	<i>\$file</i>	

Returns

string

5.16.3.3 `load()`

```
load ( )
```

Load environment file in given directory.

Exceptions

--	--

5.16.3.4 loadData()

```
loadData (
    $overload = false ) [protected]
```

Actually load the data.

Parameters

bool	<i>\$overload</i>	
------	-------------------	--

Exceptions

--	--

5.16.3.5 overload()

```
overload ( )
```

Load environment file in given directory.

Exceptions

--	--

5.16.3.6 required()

```
required (
    $variable )
```

Required ensures that the specified variables exist, and returns a new validator object.

Parameters

string string[]	<i>\$variable</i>	
-------------------	-------------------	--

Returns

\Dotenv\Validator

5.16.3.7 safeLoad()

```
safeLoad ( )
```

Load environment file in given directory, suppress InvalidPathException.

Exceptions

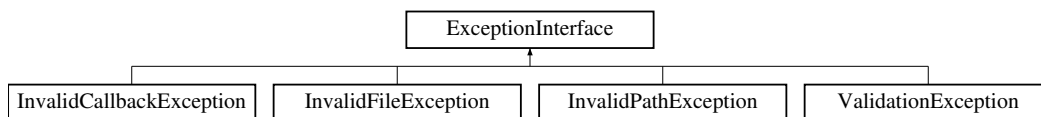
--	--

The documentation for this class was generated from the following file:

- vendor/vlucas/phpdotenv/src/Dotenv.php

5.17 ExceptionInterface Interface Reference

Inheritance diagram for ExceptionInterface:



5.17.1 Detailed Description

This is the exception interface.

The documentation for this interface was generated from the following file:

- vendor/vlucas/phpdotenv/src/Exception/ExceptionInterface.php

5.18 File Class Reference

Public Member Functions

- [__construct](#) (int \$id=null, string \$name=null, string \$filename=null, string \$date=null)

Data Fields

- int **\$id**
- string **\$filename**
- string **\$date**

5.18.1 Constructor & Destructor Documentation

5.18.1.1 __construct()

```
__construct (
    int $id = null,
    string $name = null,
    string $filename = null,
    string $date = null )
```

Contstructor of the file model

Parameters

integer	<i>\$id</i>	
string	<i>\$name</i>	
string	<i>\$filename</i>	
string	<i>\$date</i>	

The documentation for this class was generated from the following file:

- app/Models/[File.php](#)

5.19 FileSave Class Reference

Public Member Functions

- [__construct](#) (int \$id=null, int \$idUser=null, int \$idEmulator=null, int \$idFile=null)

Data Fields

- int **\$id**
- int **\$idUser**
- int **\$idEmulator**
- int **\$idFile**

5.19.1 Constructor & Destructor Documentation

5.19.1.1 `__construct()`

```
__construct (
    int $id = null,
    int $idUser = null,
    int $idEmulator = null,
    int $idFile = null )
```

Contstructor of the fileSave model

Parameters

integer	<i>\$id</i>	
string	<i>\$name</i>	
string	<i>\$filename</i>	
string	<i>\$date</i>	

The documentation for this class was generated from the following file:

- [app/Models/FileSave.php](#)

5.20 Game Class Reference

Public Member Functions

- [__construct](#) (int \$id=null, string \$name=null, string \$description=null, string \$imageName=null, int \$idConsole=null, int \$idFile=null)

Data Fields

- int **\$id**
- string **\$name**
- string **\$description**
- string **\$imageName**
- int **\$idConsole**
- int **\$idFile**

5.20.1 Constructor & Destructor Documentation

5.20.1.1 `__construct()`

```
__construct (
    int $id = null,
    string $name = null,
    string $description = null,
    string $imageName = null,
    int $idConsole = null,
    int $idFile = null )
```

contructor of a game model

Parameters

integer	<i>\$id</i>	
string	<i>\$name</i>	
string	<i>\$description</i>	
string	<i>\$imageName</i>	
string	<i>\$idConsole</i>	
string	<i>\$idFile</i>	

The documentation for this class was generated from the following file:

- [app/Models/Game.php](#)

5.21 GameController Class Reference

Public Member Functions

- [__construct](#) (\PDO \$db)
- [getAllGames](#) ()
- [getGameFromCategory](#) (int \$id)
- [getFavoriteGameOfUser](#) (int \$id)
- [getTimeGames](#) (int \$id)
- [getGamesFromName](#) (string \$name)
- [getGame](#) (int \$id)
- [getTimePlayed](#) (int \$idGame, int \$idUser)
- [addOneMinuteToGameTime](#) (int \$idGame, int \$idUser)
- [getURL](#) (int \$idGame, string \$apikey)
- [getURLSave](#) (int \$idEmulator, int \$idUser, string \$apikey)
- [AddSave](#) (\$idEmulator, \$idUser, \$apiKey, \$file)
- [getFileName](#) (int \$idGame)
- [removeGameFromFavorite](#) (int \$idGame, int \$idUser)
- [addGameToFavorite](#) (int \$idGame, int \$idUser)
- [checkIfGameFavorite](#) (int \$idGame, int \$idUser)
- [getConsole](#) (int \$idGame)

5.21.1 Constructor & Destructor Documentation

5.21.1.1 __construct()

```
__construct (
    \PDO $db )
```

Constructor of the [GameController](#) object.

Parameters

PDO	<i>\$db</i>	The database connection
-----	-------------	-------------------------

5.21.2 Member Function Documentation

5.21.2.1 addGameToFavorite()

```
addGameToFavorite (
    int $idGame,
    int $idUser )
```

Add game to favorite

Parameters

integer	<i>\$idGame</i>	
integer	<i>\$idUser</i>	

Returns

void

5.21.2.2 addOneMinuteToGameTime()

```
addOneMinuteToGameTime (
    int $idGame,
    int $idUser )
```

Method to update the time played by a user this method will add one minute in the database

Parameters

<i>int</i>	idGame
<i>int</i>	idUser

Returns

void

5.21.2.3 AddSave()

```
AddSave (
    $idEmulator,
    $idUser,
    $apiKey,
    $file )
```

Method to upload the saves file

Returns

void

5.21.2.4 checkIfGameFavorite()

```
checkIfGameFavorite (
    int $idGame,
    int $idUser )
```

Method to check if game is already in favorite

Parameters

integer	<i>\$idGame</i>	
string	<i>\$apikey</i>	

Returns

void

5.21.2.5 getAllGames()

```
getAllGames ( )
```

Method to return all games in JSON format.

Returns

string The status and the body in json format of the response

5.21.2.6 getConsole()

```
getConsole (
    int $idGame )
```

Method to get the console of a game

Parameters

integer	<i>\$idGame</i>	
---------	-----------------	--

Returns

void

5.21.2.7 getFavoriteGameOfUser()

```
getFavoriteGameOfUser (  
    int $id )
```

Method to return the list of the user favorites games

Parameters

integer	<i>\$id</i>	
---------	-------------	--

Returns

void

5.21.2.8 getFileName()

```
getFileName (  
    int $idGame )
```

Get the filename of a game

Parameters

integer	<i>\$idGame</i>	
---------	-----------------	--

Returns

file

5.21.2.9 getGame()

```
getGame (  
    int $id )
```

Method to return a game in JSON format.

Parameters

int	<i>\$id</i>	The game identifier
-----	-------------	---------------------

Returns

string The status and the body in JSON format of the response

5.21.2.10 getGameFromCategory()

```
getGameFromCategory (
    int $id )
```

Method to return a list of games in a catagory

Parameters

int	<i>\$id</i>	The dog identifier
-----	-------------	--------------------

Returns

string The status and the body in JSON format of the response

5.21.2.11 getGamesFromName()

```
getGamesFromName (
    string $name )
```

Method to return a list of game where the name match the given parameters

Parameters

<i>string</i>	name
---------------	------

Returns

list game

5.21.2.12 getTimeGames()

```
getTimeGames (
    int $id )
```

Method to return the list of game the user as already played

Parameters

integer	<i>\$id</i>	
---------	-------------	--

Returns

void

5.21.2.13 getTimePlayed()

```
getTimePlayed (
    int $idGame,
    int $idUser )
```

Method to get the time a user as play a game

5.21.2.14 getURL()

```
getURL (
    int $idGame,
    string $apikey )
```

Return the game file

Parameters

integer	<i>\$idGame</i>	
string	<i>\$apikey</i>	

Returns

void

5.21.2.15 getURLSave()

```
getURLSave (
    int $idEmulator,
    int $idUser,
    string $apikey )
```

Return the ziped save file of one emulator for one user

Parameters

integer	<i>\$idGame</i>	
string	<i>\$apikey</i>	

Returns

void

5.21.2.16 removeGameFromFavorite()

```
removeGameFromFavorite (
    int $idGame,
    int $idUser )
```

Remove game from favorite

Parameters

integer	<i>\$idGame</i>	
string	<i>\$apikey</i>	

Returns

void

The documentation for this class was generated from the following file:

- [app/Controllers/GameController.php](#)

5.22 HelperController Class Reference**Static Public Member Functions**

- static [validateDateFormat](#) (string \$date)
- static [validateDateTimeFormat](#) (string \$datetime, string \$format='Y-m-d H:i:s')
- static [validateTimeFormat](#) (string \$time)
- static [validateCodeDayFormat](#) (string \$code_day)
- static [validateChornologicalTime](#) (string \$firsttime, string \$secondtime)
- static [generateApiToken](#) ()
- static [generateRandomString](#) ()
- static [validateDocumentTypeFormat](#) (string \$document_type)
- static [validateEmailFormat](#) (string \$email)
- static [validatePackageNumber](#) (int \$package_number)
- static [sendMail](#) (string \$message, string \$emailRecipient)
- static [pngTojpegConverter](#) (string \$filename)
- static [storeConditionsRegistration](#) (string \$filename, int \$package_number, string \$date, string \$signature_↵base64, string \$userfirstname, string \$userlastname)
- static [getDefaultDirectory](#) ()

5.22.1 Member Function Documentation

5.22.1.1 generateApiToken()

```
static generateApiToken ( ) [static]
```

Method to generate an api token.

Returns

string The api token

5.22.1.2 generateRandomString()

```
static generateRandomString ( ) [static]
```

Method to generate a random string.

Returns

string The random string

5.22.1.3 getDefaultDirectory()

```
static getDefaultDirectory ( ) [static]
```

Method to return the default directory of the API.

Returns

string The default directory

5.22.1.4 pngTojpegConverter()

```
static pngTojpegConverter (
    string $filename ) [static]
```

Method to convert a png image to jpeg image.

Returns

void

5.22.1.5 sendMail()

```
static sendMail (
    string $message,
    string $emailRecipient ) [static]
```

Method to send an email.

Parameters

string	<i>\$message</i>	Message to send
string	<i>\$emailRecipient</i>	Recipient's email address

Returns

void

5.22.1.6 storeConditionsRegistration()

```
static storeConditionsRegistration (
    string $filename,
    int $package_number,
    string $date,
    string $signature_base64,
    string $userfirstname,
    string $userlastname ) [static]
```

Method to store a conditions of registration.

Parameters

string	<i>\$filename</i>	The filename of conditions of registration
string	<i>\$package_number</i>	The package number of conditions of registration
string	<i>\$date</i>	The date of creation of conditions of registration
string	<i>\$signature_base64</i>	The signature image in base64 of conditions of registration
string	<i>\$userfirstname</i>	The user firstname of owner of conditions of registration
string	<i>\$userlastname</i>	The user lastname of owner of conditions of registration

Returns

void

5.22.1.7 validateChornologicalTime()

```
static validateChornologicalTime (
    string $firsttime,
    string $secondtime ) [static]
```

Method to check if the first time is smaller or equal to the second one.

Parameters

string	<i>\$firsttime</i>	First time to check
string	<i>\$secondtime</i>	Second time to check

Returns

bool

5.22.1.8 validateCodeDayFormat()

```
static validateCodeDayFormat (
    string $code_day ) [static]
```

Method to check if a code day has the right format (1-6).

Parameters

string	<i>\$time</i>	code day to check
--------	---------------	-------------------

Returns

bool

5.22.1.9 validateDateFormat()

```
static validateDateFormat (
    string $date ) [static]
```

Method to check if a date has the right format (YYYY-MM-DD).

Parameters

string	<i>\$date</i>	Date to check
--------	---------------	---------------

Returns

bool

5.22.1.10 validateDateTimeFormat()

```
static validateDateTimeFormat (
    string $datetime,
    string $format = 'Y-m-d H:i:s' ) [static]
```

Method to check if a date has the right format (YYYY-MM-DD).

Parameters

string	<i>\$date</i>	Date to check
--------	---------------	---------------

Returns

bool

5.22.1.11 validateDocumentTypeFormat()

```
static validateDocumentTypeFormat (  
    string $document_type ) [static]
```

Method to check if a document type has the right value (conditions_inscription,poster).

Parameters

string	<i>\$document_type</i>	document type to check
--------	------------------------	------------------------

Returns

bool

5.22.1.12 validateEmailFormat()

```
static validateEmailFormat (  
    string $email ) [static]
```

Method to check if a email has the right format.

Parameters

string	<i>\$email</i>	email to check
--------	----------------	----------------

Returns

bool

5.22.1.13 validatePackageNumber()

```
static validatePackageNumber (  
    int $package_number ) [static]
```

Method to check if a package number of conditions of registration document has the right format.

Parameters

int	<i>\$package_number</i>	Package number to check
-----	-------------------------	-------------------------

Returns

bool

5.22.1.14 validateTimeFormat()

```
static validateTimeFormat (
    string $time ) [static]
```

Method to check if a time has the right format (HH:MM:SS).

Parameters

string	<i>\$time</i>	Time to check
--------	---------------	---------------

Returns

bool

The documentation for this class was generated from the following file:

- [app/Controllers/HelperController.php](#)

5.23 InstalledVersions Class Reference

Static Public Member Functions

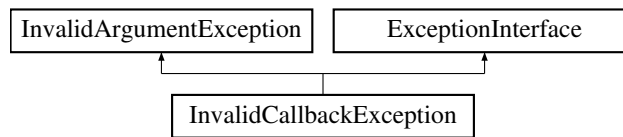
- static **getInstalledPackages** ()
- static **isInstalled** (\$packageName)
- static **satisfies** (VersionParser \$parser, \$packageName, \$constraint)
- static **getVersionRanges** (\$packageName)
- static **getVersion** (\$packageName)
- static **getPrettyVersion** (\$packageName)
- static **getReference** (\$packageName)
- static **getRootPackage** ()
- static **getRawData** ()
- static **reload** (\$data)

The documentation for this class was generated from the following file:

- [vendor/composer/InstalledVersions.php](#)

5.24 InvalidCallbackException Class Reference

Inheritance diagram for InvalidCallbackException:



5.24.1 Detailed Description

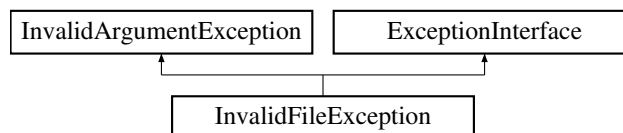
This is the invalid callback exception class.

The documentation for this class was generated from the following file:

- vendor/vlucas/phpdotenv/src/Exception/InvalidCallbackException.php

5.25 InvalidFileException Class Reference

Inheritance diagram for InvalidFileException:



5.25.1 Detailed Description

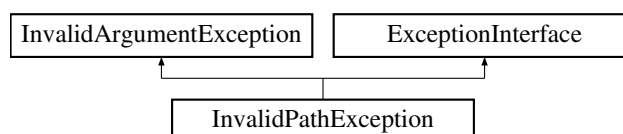
This is the invalid file exception class.

The documentation for this class was generated from the following file:

- vendor/vlucas/phpdotenv/src/Exception/InvalidFileException.php

5.26 InvalidPathException Class Reference

Inheritance diagram for InvalidPathException:



5.26.1 Detailed Description

This is the invalid path exception class.

The documentation for this class was generated from the following file:

- `vendor/vlucas/phpdotenv/src/Exception/InvalidPathException.php`

5.27 Loader Class Reference

Public Member Functions

- [__construct](#) (\$filePath, \$immutable=false)
- [setImmutable](#) (\$immutable=false)
- [getImmutable](#) ()
- [load](#) ()
- [processFilters](#) (\$name, \$value)
- [getEnvironmentVariable](#) (\$name)
- [setEnvironmentVariable](#) (\$name, \$value=null)
- [clearEnvironmentVariable](#) (\$name)

Data Fields

- `$variableNames` = array()

Protected Member Functions

- [ensureFilesReadable](#) ()
- [normaliseEnvironmentVariable](#) (\$name, \$value)
- [readLinesFromFile](#) (\$filePath)
- [isComment](#) (\$line)
- [looksLikeSetter](#) (\$line)
- [splitCompoundStringIntoParts](#) (\$name, \$value)
- [sanitiseVariableValue](#) (\$name, \$value)
- [resolveNestedVariables](#) (\$value)
- [sanitiseVariableName](#) (\$name, \$value)

Protected Attributes

- `$filePath`
- `$immutable`

5.27.1 Detailed Description

This is the loaded class.

It's responsible for loading variables by reading a file from disk and:

- stripping comments beginning with a #,
- parsing lines that look shell variable setters, e.g `export key = value, key="value"`.

5.27.2 Constructor & Destructor Documentation

5.27.2.1 `__construct()`

```
__construct (
    $filePath,
    $immutable = false )
```

Create a new loader instance.

Parameters

string	<i>\$filePath</i>	
bool	<i>\$immutable</i>	

Returns

void

5.27.3 Member Function Documentation

5.27.3.1 `clearEnvironmentVariable()`

```
clearEnvironmentVariable (
    $name )
```

Clear an environment variable.

This is not (currently) used by [Dotenv](#) but is provided as a utility method for 3rd party code.

This is done using:

- `putenv`,
- `unset($_ENV, $_SERVER)`.

Parameters

string	<i>\$name</i>	
--------	---------------	--

See also

[setEnvironmentVariable\(\)](#)

Returns

void

5.27.3.2 ensureFileIsReadable()

```
ensureFileIsReadable ( ) [protected]
```

Ensures the given filePath is readable.

Exceptions

--	--

5.27.3.3 getEnvironmentVariable()

```
getEnvironmentVariable (
    $name )
```

Search the different places for environment variables and return first value found.

Parameters

string	<i>\$name</i>	
--------	---------------	--

Returns

string|null

5.27.3.4 getImmutable()

```
getImmutable ( )
```

Get immutable value.

Returns

bool

5.27.3.5 isComment()

```
isComment (
    $line ) [protected]
```

Determine if the line in the file is a comment, e.g. begins with a #.

Parameters

string	<i>\$line</i>	
--------	---------------	--

Returns

bool

5.27.3.6 load()

```
load ( )
```

Load `.env` file in given directory.

Exceptions

--	--

5.27.3.7 looksLikeSetter()

```
looksLikeSetter (
    $line ) [protected]
```

Determine if the given line looks like it's setting a variable.

Parameters

string	<i>\$line</i>	
--------	---------------	--

Returns

bool

5.27.3.8 normaliseEnvironmentVariable()

```
normaliseEnvironmentVariable (
    $name,
    $value ) [protected]
```

Normalise the given environment variable.

Takes value as passed in by developer and:

- ensures we're dealing with a separate name and value, breaking apart the name string if needed,
- cleaning the value of quotes,
- cleaning the name of quotes,
- resolving nested variables.

Parameters

string	<i>\$name</i>	
string	<i>\$value</i>	

Exceptions

--	--

5.27.3.9 processFilters()

```
processFilters (
    $name,
    $value )
```

Process the runtime filters.

Called from `normaliseEnvironmentVariable` and the `VariableFactory`, passed as a callback in `$this->loadFromFile()`.

Parameters

string	<i>\$name</i>	
string	<i>\$value</i>	

Exceptions

--	--

5.27.3.10 readLinesFromFile()

```
readLinesFromFile (
    $filePath ) [protected]
```

Read lines from the file, auto detecting line endings.

Parameters

string	<i>\$filePath</i>	
--------	-------------------	--

Returns

array

5.27.3.11 resolveNestedVariables()

```
resolveNestedVariables (
    $value ) [protected]
```

Resolve the nested variables.

Look for `${varname}` patterns in the variable value and replace with an existing environment variable.

Parameters

string	<i>\$value</i>	
--------	----------------	--

Returns

mixed

5.27.3.12 sanitiseVariableName()

```
sanitiseVariableName (
    $name,
    $value ) [protected]
```

Strips quotes and the optional leading "export " from the environment variable name.

Parameters

string	<i>\$name</i>	
string	<i>\$value</i>	

Returns

array

5.27.3.13 sanitiseVariableValue()

```
sanitiseVariableValue (
    $name,
    $value ) [protected]
```

Strips quotes from the environment variable value.

Parameters

string	<i>\$name</i>	
string	<i>\$value</i>	

Exceptions

--	--

5.27.3.14 setEnvironmentVariable()

```
setEnvironmentVariable (
    $name,
    $value = null )
```

Set an environment variable.

This is done using:

- putenv,
- \$_ENV,
- \$_SERVER.

The environment variable value is stripped of single and double quotes.

Parameters

string	<i>\$name</i>	
string null	<i>\$value</i>	

Exceptions

--	--

5.27.3.15 setImmutable()

```
setImmutable (
    $immutable = false )
```

Set immutable value.

Parameters

bool	<i>\$immutable</i>	
------	--------------------	--

Returns

\$this

5.27.3.16 splitCompoundStringIntoParts()

```
splitCompoundStringIntoParts (
    $name,
    $value ) [protected]
```

Split the compound string into parts.

If the *\$name* contains an = sign, then we split it into 2 parts, a name & value disregarding the *\$value* passed in.

Parameters

string	<i>\$name</i>	
string	<i>\$value</i>	

Returns

array

The documentation for this class was generated from the following file:

- vendor/vlucas/phpdotenv/src/Loader.php

5.28 Parser Class Reference**Static Public Member Functions**

- static [parseName](#) (*\$name*)
- static [parseValue](#) (*\$value*)
- static [parseQuotedValue](#) (*\$value*)
- static [parseUnquotedValue](#) (*\$value*)

Data Fields

- const **INITIAL_STATE** = 0
- const **QUOTED_STATE** = 1
- const **ESCAPE_STATE** = 2
- const **WHITESPACE_STATE** = 3
- const **COMMENT_STATE** = 4

5.28.1 Member Function Documentation

5.28.1.1 `parseName()`

```
static parseName (
    $name ) [static]
```

Parse the given variable name.

Parameters

string	<i>\$name</i>	
--------	---------------	--

Returns

string

5.28.1.2 `parseQuotedValue()`

```
static parseQuotedValue (
    $value ) [static]
```

Parse the given quoted value.

Parameters

string	<i>\$value</i>	
--------	----------------	--

Exceptions

--	--

5.28.1.3 parseUnquotedValue()

```
static parseUnquotedValue (
    $value ) [static]
```

Parse the given unquoted value.

Parameters

string	\$value	
--------	---------	--

Exceptions

--	--

5.28.1.4 parseValue()

```
static parseValue (
    $value ) [static]
```

Parse the given variable value.

Parameters

string	\$value	
--------	---------	--

Exceptions

--	--

The documentation for this class was generated from the following file:

- vendor/vlucas/phpdotenv/src/Parser.php

5.29 ResponseController Class Reference

Static Public Member Functions

- static [notFoundAuthorizationHeader](#) ()
- static [unauthorizedUser](#) ()
- static [notFoundResponse](#) ()
- static [successfulRequest](#) (\$result=null)
- static [successfulRequestWithoutJson](#) (\$result)
- static [unprocessableEntityResponse](#) ()
- static [permanentScheduleAlreadyExist](#) ()

- static [successfulCreatedRessource](#) ()
- static [invalidDateFormat](#) ()
- static [invalidTimeFormat](#) ()
- static [invalidDateTimeFormat](#) ()
- static [dateOverlapProblem](#) ()
- static [timeOverlapProblem](#) ()
- static [chronologicalDateProblem](#) ()
- static [invalidCodeDayFormat](#) ()
- static [invalidDocumentTypeFormat](#) ()
- static [invalidEmailFormat](#) ()
- static [invalidLogin](#) ()
- static [uploadFailed](#) ()
- static [imageFileFormatProblem](#) ()
- static [documentTypeNotPdfProblem](#) ()
- static [packageNumberFormatProblem](#) ()
- static [invalidAppointment](#) ()

5.29.1 Member Function Documentation

5.29.1.1 `chronologicalDateProblem()`

```
static chronologicalDateProblem ( ) [static]
```

Method to return the error message in case of chronological problem between two times.

Returns

string The status and the body in JSON format of the response

5.29.1.2 `dateOverlapProblem()`

```
static dateOverlapProblem ( ) [static]
```

Method to return the error message in case of date overlap problem.

Returns

string The status and the body in JSON format of the response

5.29.1.3 documentTypeNotPdfProblem()

```
static documentTypeNotPdfProblem ( ) [static]
```

Method to return the error message in case of invalid image file format.

Returns

string The status and the body in JSON format of the response

5.29.1.4 imageFileFormatProblem()

```
static imageFileFormatProblem ( ) [static]
```

Method to return the error message in case of invalid image file format.

Returns

string The status and the body in JSON format of the response

5.29.1.5 invalidAppointment()

```
static invalidAppointment ( ) [static]
```

Method to return the error message in case of invalid appointment informations.

Returns

string The status and the body in JSON format of the response

5.29.1.6 invalidCodeDayFormat()

```
static invalidCodeDayFormat ( ) [static]
```

Method to return the error message in case of invalid code day format.

Returns

string The status and the body in JSON format of the response

5.29.1.7 invalidDateFormat()

```
static invalidDateFormat ( ) [static]
```

Method to return the error message in case of invalid date format.

Returns

string The status and the body in JSON format of the response

5.29.1.8 invalidDateTimeFormat()

```
static invalidDateTimeFormat ( ) [static]
```

Method to return the error message in case of invalid datetime format.

Returns

string The status and the body in JSON format of the response

5.29.1.9 invalidDocumentTypeFormat()

```
static invalidDocumentTypeFormat ( ) [static]
```

Method to return the error message in case of invalid document type format.

Returns

string The status and the body in JSON format of the response

5.29.1.10 invalidEmailFormat()

```
static invalidEmailFormat ( ) [static]
```

Method to return the error message in case of invalid email format.

Returns

string The status and the body in JSON format of the response

5.29.1.11 invalidLogin()

```
static invalidLogin ( ) [static]
```

Method to return the error message in case of invalid login.

Returns

string The status and the body in JSON format of the response

5.29.1.12 invalidTimeFormat()

```
static invalidTimeFormat ( ) [static]
```

Method to return the error message in case of invalid time format.

Returns

string The status and the body in JSON format of the response

5.29.1.13 notFoundAuthorizationHeader()

```
static notFoundAuthorizationHeader ( ) [static]
```

Method to return the error message in case of undefined authorization header.

Returns

string The status and the body in JSON format of the response

5.29.1.14 notFoundResponse()

```
static notFoundResponse ( ) [static]
```

Method to return the error message in case of not found response.

Returns

string The status and the body in JSON format of the response

5.29.1.15 `packageNumberFormatProblem()`

```
static packageNumberFormatProblem ( ) [static]
```

Method to return the error message in case of invalid package number of conditions of registration document.

Returns

string The status and the body in JSON format of the response

5.29.1.16 `permanentScheduleAlreadyExist()`

```
static permanentScheduleAlreadyExist ( ) [static]
```

Method to return the error message in case of a permanent calendar already created.

Returns

string The status and the body in JSON format of the response

5.29.1.17 `successfulCreatedRessource()`

```
static successfulCreatedRessource ( ) [static]
```

Method to return the POST success message.

Returns

string The status and the body in JSON format of the response

5.29.1.18 `successfulRequest()`

```
static successfulRequest (
    $result = null ) [static]
```

Method to return the GET success message.

Parameters

array	<i>\$result</i>	The associative array containing all the result rows
-------	-----------------	--

Returns

string The status and the body in JSON format of the response

5.29.1.19 successfulRequestWithoutJson()

```
static successfulRequestWithoutJson (
    $result ) [static]
```

Method to return the GET success message for data that does not need to be json encoded.

Parameters

array	<i>\$result</i>	The associative array containing all the result rows
-------	-----------------	--

Returns

string The status and the body in JSON format of the response

5.29.1.20 timeOverlapProblem()

```
static timeOverlapProblem ( ) [static]
```

Method to return the error message in case of time overlap problem.

Returns

string The status and the body in JSON format of the response

5.29.1.21 unauthorizedUser()

```
static unauthorizedUser ( ) [static]
```

Method to return the error message in case of no access permission.

Returns

string The status and the body in JSON format of the response

5.29.1.22 unprocessableEntityResponse()

```
static unprocessableEntityResponse ( ) [static]
```

Method to return the error message in case of invalid attributes.

Returns

string The status and the body in JSON format of the response

5.29.1.23 uploadFailed()

```
static uploadFailed ( ) [static]
```

Method to return the error message in case of upload failed.

Returns

string The status and the body in JSON format of the response

The documentation for this class was generated from the following file:

- [app/Controllers/ResponseController.php](#)

5.30 timer Class Reference

Public Member Functions

- [__construct](#) (int \$minutes=null)

Data Fields

- int **\$minutes**

5.30.1 Constructor & Destructor Documentation

5.30.1.1 __construct()

```
__construct (
    int $minutes = null )
```

Contstructor of the timer model

Parameters

integer	<i>\$minutes</i>	
---------	------------------	--

The documentation for this class was generated from the following file:

- [app/Models/Timer.php](#)

5.31 User Class Reference

Public Member Functions

- [__construct](#) (int \$id=null, string \$username=null, string \$password=null, string \$salt=null, string \$apitoken=null, string \$email=null, string \$privateAccount=null, int \$idRole=null)

Data Fields

- int **\$id**
- string **\$username**
- string **\$password**
- string **\$salt**
- string **\$apitoken**
- string **\$email**
- int **\$privateAccount**
- string **\$idRole**

5.31.1 Constructor & Destructor Documentation

5.31.1.1 __construct()

```
__construct (
    int $id = null,
    string $username = null,
    string $password = null,
    string $salt = null,
    string $apitoken = null,
    string $email = null,
    string $privateAccount = null,
    int $idRole = null )
```

Constructor of the [User](#) model object.

The documentation for this class was generated from the following file:

- [app/Models/User.php](#)

5.32 UserController Class Reference

Public Member Functions

- [__construct](#) (\PDO \$db)
- [getAllUsers](#) ()
- [getUser](#) (string \$apitoken)
- [connection](#) (string \$username, string \$password)
- [findByCaimanToken](#) (string \$caimanToken)
- [updateCaimanToken](#) (\$apitoken)

5.32.1 Constructor & Destructor Documentation

5.32.1.1 __construct()

```
__construct (  
    \PDO $db )
```

Constructor of the [UserController](#) object.

Parameters

PDO	<i>\$db</i>	The database connection
-----	-------------	-------------------------

5.32.2 Member Function Documentation

5.32.2.1 connection()

```
connection (  
    string $username,  
    string $password )
```

Method to log check the login of a user

Parameters

User	<i>\$user</i>	The user model object
------	---------------	-----------------------

Returns

User

5.32.2.2 findByCaimanToken()

```
findByCaimanToken (
    string $caimanToken )
```

Method to log check the login of a user by is caimanToken

Parameters

<i>string</i>	caimanToken
---------------	-------------

Returns

User The status and the body in JSON format of the response

5.32.2.3 getAllUsers()

```
getAllUsers ( )
```

Method to return all users in JSON format.

Returns

string The status and the body in json format of the response

5.32.2.4 getUser()

```
getUser (
    string $apitoken )
```

Method to return the informations of one user

Parameters

int	<i>\$id</i>	The user identifier
-----	-------------	---------------------

Returns

User

5.32.2.5 updateCaimanToken()

```
updateCaimanToken (
    $apitoken )
```

Method to update caimanToken

Parameters

<i>String</i>	
---------------	--

Returns

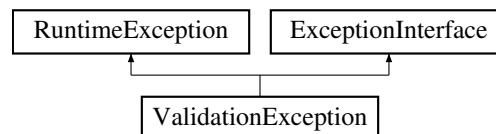
string The status and the body in JSON format of the response

The documentation for this class was generated from the following file:

- [app/Controllers/UserController.php](#)

5.33 ValidationException Class Reference

Inheritance diagram for ValidationException:



5.33.1 Detailed Description

This is the validation exception class.

The documentation for this class was generated from the following file:

- [vendor/vlucas/phpdotenv/src/Exception/ValidationException.php](#)

5.34 Validator Class Reference

Public Member Functions

- [__construct](#) (array \$variables, [Loader](#) \$loader)
- [notEmpty](#) ()
- [isInteger](#) ()
- [isBoolean](#) ()
- [allowedValues](#) (array \$choices)

Protected Member Functions

- [assertCallback](#) (\$callback, \$message='failed callback assertion')

Protected Attributes

- **\$variables**
- **\$loader**

5.34.1 Detailed Description

This is the validator class.

It's responsible for applying validations against a number of variables.

5.34.2 Constructor & Destructor Documentation

5.34.2.1 __construct()

```
__construct (
    array $variables,
    Loader $loader )
```

Create a new validator instance.

Parameters

array	<i>\$variables</i>	
\Dotenv\Loader	<i>\$loader</i>	

Returns

void

5.34.3 Member Function Documentation

5.34.3.1 allowedValues()

```
allowedValues (
    array $choices )
```

Assert that each variable is amongst the given choices.

Parameters

string[]	<i>\$choices</i>	
----------	------------------	--

Returns

\Dotenv\Validator

5.34.3.2 assertCallback()

```
assertCallback (
    $callback,
    $message = 'failed callback assertion' ) [protected]
```

Assert that the callback returns true for each variable.

Parameters

callable	<i>\$callback</i>	
string	<i>\$message</i>	

Exceptions

--	--

5.34.3.3 isBoolean()

```
isBoolean ( )
```

Assert that each specified variable is a boolean.

Returns

\Dotenv\Validator

5.34.3.4 isInteger()

```
isInteger ( )
```

Assert that each specified variable is an integer.

Returns

\Dotenv\Validator

5.34.3.5 notEmpty()

```
notEmpty ( )
```

Assert that each variable is not empty.

Returns

\Dotenv\Validator

The documentation for this class was generated from the following file:

- vendor/vlucas/phpdotenv/src/Validator.php

Chapter 6

File Documentation

6.1 app/Controllers/CategoryController.php File Reference

Controller of category model.

Data Structures

- class [CategoryController](#)

6.1.1 Detailed Description

Controller of category model.

6.1.1.1 BDCC

Author

Lorenzo Bauduccio lorenzo.bdcc@eduge.ch

Copyright

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6.2 app/Controllers/GameController.php File Reference

Controller of game model.

Data Structures

- class [GameController](#)

6.2.1 Detailed Description

Controller of game model.

6.2.1.1 BDCC

Author

Lorenzo Bauduccio lorenzo.bdcc@eduge.ch

Copyright

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6.3 app/Controllers/HelperController.php File Reference

Controller allowing the use of help functions.

Data Structures

- class [HelperController](#)

6.3.1 Detailed Description

Controller allowing the use of help functions.

6.3.1.1 BDCC

Author

Jonathan Borel-Jaquet, Lorenzo Bauduccio lorenzo.bdcc@eduge.ch

Copyright

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6.4 app/Controllers/ResponseController.php File Reference

Controller allowing to return different type of HTTP response.

Data Structures

- class [ResponseController](#)

6.4.1 Detailed Description

Controller allowing to return different type of HTTP response.

6.4.1.1 BDCC

Author

Jonathan Borel-Jaquet, Lorenzo Bauduccio lorenzo.bdcc@eduge.ch

Copyright

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6.5 app/Controllers/UserController.php File Reference

Controller of the User model.

Data Structures

- class [UserController](#)

6.5.1 Detailed Description

Controller of the User model.

6.5.1.1 BDCC

Author

Lorenzo Bauduccio lorenzo.bdcc@eduge.ch

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6.6 app/DataAccessObject/DAOCategory.php File Reference

Data access object of the category table.

Data Structures

- class [DAOCategory](#)

6.6.1 Detailed Description

Data access object of the category table.

6.6.1.1 BDCC

Author

Lorenzo Bauduccio lorenzo.bdcc@eduge.ch

Copyright

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6.7 app/DataAccessObject/DAOConsole.php File Reference

Data access object of the category table.

Data Structures

- class [DAOConsole](#)

6.7.1 Detailed Description

Data access object of the category table.

6.7.1.1 BDCC

Author

Lorenzo Bauduccio lorenzo.bdcc@eduge.ch

Copyright

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6.8 app/DataAccessObject/DAOFile.php File Reference

Data access object of the category table.

Data Structures

- class [DAOFile](#)

6.8.1 Detailed Description

Data access object of the category table.

6.8.1.1 BDCC

Author

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6.9 app/DataAccessObject/DAOFileSave.php File Reference

Data access object of the category table.

Data Structures

- class [DAOFileSave](#)

6.9.1 Detailed Description

Data access object of the category table.

6.9.1.1 BDCC

Author

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6.10 app/DataAccessObject/DAOGame.php File Reference

Data access object of the game table.

Data Structures

- class [DAOGame](#)

6.10.1 Detailed Description

Data access object of the game table.

6.10.1.1 BDCC

Author

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6.11 app/DataAccessObject/DAOUser.php File Reference

Data access object of the User table.

Data Structures

- class [DAOUser](#)

6.11.1 Detailed Description

Data access object of the User table.

6.11.1.1 BDCC

Author

Lorenzo Bauduccio lorenzo.bdcc@eduge.ch

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6.12 app/Models/Category.php File Reference

Category model.

Data Structures

- class [Category](#)

6.12.1 Detailed Description

Category model.

6.12.1.1 BDCC

Author

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Copyright

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6.13 app/Models/Console.php File Reference

Console model.

Data Structures

- class [Console](#)

6.13.1 Detailed Description

Console model.

6.13.1.1 BDCC

Author

Lorenzo Bauduccio lorenzo.bdcc@eduge.ch

Copyright

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6.14 app/Models/File.php File Reference

File model.

Data Structures

- class [File](#)

6.14.1 Detailed Description

File model.

6.14.1.1 BDCC

Author

Lorenzo Bauduccio lorenzo.bdcc@eduge.ch

Copyright

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6.15 app/Models/FileSave.php File Reference

FileSave model.

Data Structures

- class [FileSave](#)

6.15.1 Detailed Description

FileSave model.

6.15.1.1 BDCC

Author

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Copyright

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6.16 app/Models/Game.php File Reference

Game model.

Data Structures

- class [Game](#)

6.16.1 Detailed Description

Game model.

6.16.1.1 BDCC

Author

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Copyright

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6.17 app/Models/Timer.php File Reference

Timer model.

Data Structures

- class [timer](#)

6.17.1 Detailed Description

Timer model.

6.17.1.1 BDCC

Author

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6.18 app/Models/User.php File Reference

User model.

Data Structures

- class [User](#)

6.18.1 Detailed Description

User model.

6.18.1.1 BDCC

Author

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6.19 app/System/Constants.php File Reference

Constante.

Data Structures

- class [Constants](#)

6.19.1 Detailed Description

Constante.

6.19.1.1 BDCC

Author

Lorenzo Bauduccio lorenzo.bdcc@eduge.ch

Copyright

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6.20 app/System/DatabaseConnector.php File Reference

Class allowing the connection to the database with the environment variables of the .env file.

Data Structures

- class [DatabaseConnector](#)

6.20.1 Detailed Description

Class allowing the connection to the database with the environment variables of the .env file.

6.20.1.1 BDCC

Author

Lorenzo Bauduccio lorenzo.bdcc@eduge.ch

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6.21 bootstrap.php File Reference

Bootable file of the API.

Variables

- `$dotenv` = `new DotEnv(__DIR__)`
- `$dbConnection` = `(new DatabaseConnector())->getConnection()`

6.21.1 Detailed Description

Bootable file of the API.

6.21.1.1 BDCC

Author

Lorenzo Bauduccio lorenzo.bdcc@eduge.ch

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6.22 public/index.php File Reference

File use to write the different basic endpoint.

6.22.1 Detailed Description

File use to write the different basic endpoint.

6.22.1.1 BDCC

Author

Lorenzo Bauduccio lorenzo.bdcc@eduge.ch

Copyright

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6.23 public/pages/categories/index.php File Reference

File being the front controller of the API and allowing to process the request category.

Variables

- **\$requestMethod** = \$_SERVER["REQUEST_METHOD"]
- **\$controller** = new [CategoryController](#)(\$dbConnection)
- **\$path** = parse_url(\$_SERVER['REQUEST_URI'], PHP_URL_PATH)
- **\$pathFragments** = explode('/', \$path)
- **\$id** = intval(end(\$pathFragments))
- **\$category** = new [Category](#)()
- \$category **id** = \$id ?? null
- \$category **name** = \$input["name"] ?? null

6.23.1 Detailed Description

File being the front controller of the API and allowing to process the request category.

6.23.1.1 BDCC

Author

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6.24 public/pages/games/index.php File Reference

File being the front controller of the API and allowing to process games request.

Variables

- **\$requestMethod** = \$_SERVER["REQUEST_METHOD"]
- **\$controller** = new [GameController](#)(\$dbConnection)
- **\$path** = parse_url(\$_SERVER['REQUEST_URI'], PHP_URL_PATH)
- **\$pathFragments** = explode('/', \$path)
- **\$id** = intval(end(\$pathFragments))
- **\$game** = new [Game](#)()
- **\$game id** = \$id ?? null
- **\$game name** = \$input["name"] ?? null
- **\$game description** = \$input["description"] ?? null
- **\$game imageName** = \$input["imageName"] ?? null
- **\$game idConsole** = \$input["idConsole"] ?? null
- **\$game idFile** = \$input["idFile"] ?? null

6.24.1 Detailed Description

File being the front controller of the API and allowing to process games request.

6.24.1.1 BDCC

Author

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6.25 public/pages/users/connection/index.php File Reference

File being the front controller of the API and allowing to process users connexion.

Variables

- **\$requestMethod** = \$_SERVER["REQUEST_METHOD"]
- **\$controller** = new [UserController](#)(\$dbConnection)
- **\$path** = parse_url(\$_SERVER['REQUEST_URI'], PHP_URL_PATH)
- **\$pathFragments** = explode('/', \$path)
- **\$username** = ""
- **\$password** = ""

6.25.1 Detailed Description

File being the front controller of the API and allowing to process users connexion.

6.25.1.1 BDCC

Author

Lorenzo Bauduccio lorenzo.bdcc@eduge.ch

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6.26 public/pages/users/index.php File Reference

File being the front controller of the API and allowing to process user request.

Variables

- **\$requestMethod** = \$_SERVER["REQUEST_METHOD"]
- **\$controller** = new [UserController](#)(\$dbConnection)
- **\$path** = parse_url(\$_SERVER['REQUEST_URI'], PHP_URL_PATH)
- **\$pathFragments** = explode('/', \$path)
- **\$apikey** = ""
- **\$user** = new [User](#)()
- **\$user id** = \$id ?? null
- **\$user password** = \$input["password"] ?? null
- **\$user salt** = \$input["salt"] ?? null
- **\$user apitoken** = \$input["apitoken"] ?? null
- **\$user email** = \$input["email"] ?? null
- **\$user privateAccount** = \$input["privateAccount"] ?? null
- **\$user idRole** = \$input["idRole"] ?? null

6.26.1 Detailed Description

File being the front controller of the API and allowing to process user request.

6.26.1.1 BDCC

Author

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