

# ClickBlocks\Core\Exception

## General information

Inheritance	Exception
Child classes	no
Interfaces	no
Source	Framework/core/exception.php

Class **ClickBlocks\Core\Exception** is used to generate typed exceptions within the framework and provides methods to easily identify the type of error that occurred on its token.

## Public non-static methods

### \_\_construct()

```
public void __construct(string|object $class, string $token, mixed $var1, mixed $var2, ... )
```

<b>\$class</b>	string, object	a class that contains error token.
<b>\$token</b>	string	an error token, or equivalently a constant name of an error template that determined in some class.
<b>\$var1, \$var2, ...</b>	mixed	Parameters of error token.

The class constructor exceptions. Generates an error message on her token. Under the token error means some string constant whose value is the error pattern. The constant may belong to a class.

Template error message can contain embedded variables are set as `[{var}]`. In the formation of the final error message, these variables will be replaced with the appropriate values. Substitution takes place from left to right.

Depending on the value of the constructor parameters, there are three main cases of the formation of the error message:

- Error token is a simple string that is not a constant of any class. In this case the first parameter of the constructor is empty string or FALSE.

For example:

```
// It'll display 'Simple error: 1, 2';
throw new ClickBlocks\Core\Exception(false, 'Simple error: [{var}], [{var}]', 1, 2);
```

- Error token is a constant of some class. Exception is thrown within this class. Example:

```
class A
{
    const ERR_1 = '[{var}] error template[{var}]';

    public function test()
    {
        throw new ClickBlocks\Core\Exception($this, 'ERR_1', 'Test', '!');
    }
}

// It'll display 'Test error template! (Token: A::ERR_1)'
(new A)->test();
```

- Error token is a constant of some class. Exception is thrown outside of this class. Example:

```
class A
```

```
{
    const ERR_1 = '[{var}] error template[{var}]';
}

// Throws error 'Test error template! (Token: A::ERR_1)'
throw new ClickBlocks\Core\Exception('A', 'ERR_1', 'Test', '!');

// It's possible to write more compactly (with the same result):
throw new ClickBlocks\Core\Exception('A::ERR_1', 'Test', '!');
```

## getClass()

```
public string getClass()
```

Returns name of class which contains error token. If error token does not belong some class then the method returns empty string.

## getToken()

```
public string getToken()
```

Returns error token.

## getInfo()

```
public array getInfo()
```

Analyse an exception and returns detailed information about it. Analysis is performed using method **CB::analyzeException()**.

# Protected non-static properties

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## class

```
protected string $class
```

Stores name of class which contains error token. If error token does not belong to any class then property value is empty string.

## token

```
protected string $token
```

Contains error token.