ClickBlocks\Web\POM\Validator

General information

Inheritance	ClickBlocks\Web\POM\Control
Subclasses	All classes of validators.
Interfaces	ArrayAccess
Source	Framework/web/pom/validators/validator.php

Validator is the base class of all controls that can validate other controls. All validators have method **validate()** that used for validation of validator controls and abstract method **check()** that implements specific logic of validation control value according to the validator type.

The following attributes and properties are common for all validators:

Attributes

Name	Type	Default value	Description
mode	string	AND	determines logic of validation several controls. The valid values are: **AND** - all validating controls should be valid, **OR** - at least one validating control should be valid, **XOR** - only one validating control should be valid.
index	integer	0	determines order of launching of the validator.
controls	string	NULL	comma separated string containing unique or logic identifiers of the validating controls.
groups	string	NULL	comma separated string containing groups of the validator.
state	boolean	TRUE	validation status of the validator.
locked	boolean	FALSE	determines whether the validator is locked or not.
text	string	NULL	the validator message.
hiding	boolean	FALSE	if it is TRUE, the validator will be hidden (via style "display") if it is not valid. Otherwise, the validator message will be removed if it is not valid.

Properties

Name	Type	Default value	Description
tag	string	div	tag name of the validator element.

Public non-static methods

__construct()

```
public void __construct(string $id)
```

$id	string	the logic identifier of the validator.

Class constructor. Initializes the validator attributes.

check()

```
abstract boolean function check($value)
```

$value	mixed	the value to validate.

Returns TRUE if the given value is valid and FALSE if it isn't. This method is automatically invoked during the validation process.

getControls()

```
public array getControls()
```

Returns array of the validator control identifiers.

getGroups()

```
public array getGroups()
```

Returns array of the validator groups.

getResult()

```
public array getResult()
```

Returns the associative array of control validation statuses in which its keys are control unique identifiers and its values are control validation statuses.

setResult()

```
public self setResult(array $result)
```

$result	array	the associative array of control validation statuses.

Sets result of validation of the validator controls. This method should be used inside custom validation function to set the validation result of the validator controls.

lock()

```
public self lock(boolean $flag = true)
```

$flag	boolean	determines whether the validator will be locked or unlocked.

Locks the validator. The locked validator does not participate in the control validation.

isLocked()

```
public boolean isLocked()
```

Returns TRUE if the validator is locked and FALSE if it isn't.

clean()

```
public self clean()
```

Sets the validator status to valid.

validate()

```
public boolean validate()
```

Validates the validator controls according to the given mode (attribute "**mode**") and the validator type. The method returns TRUE if all validator controls are valid and FALSE otherwise.

render()

```
public string render()
```

Renders HTML of the validator.