



CakePHP 4 Common Helpers

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<https://codethepixel.com/CakePHP-4-Common-Helpers>



Here are some common helpers used in the CakePHP project.

Form Helper

Form Creation:

```
<?= $this->Form->create($documents); ?>
```

Form with file upload:

```
<?= $this->Form->create($documents, ['type' => 'file']); ?>
```

Input:

```
<?= $this->Form->control('name', ['class' => 'form-control', 'required' => false]); ?>
```

Input label change:

```
<?= $this->Form->control('dob', ['label' => 'Date of Birth', 'class' => 'form-control']); ?>
```

Input remove label:

```
<?= $this->Form->control('dob', ['label' => false, 'class' => 'form-control']); ?>
```

Input placeholder:

```
<?= $this->Form->control('dob', ['placeholder' => 'Date of Birth', 'class' => 'form-control']); ?>
```

Input options [eg: user_id] - data from database relationship:

```
<?= $this->Form->control('user_id', ['options' => $users]); ?>
```

Input options - custom data:

```
<?php echo $this->Form->control('size', [  
    'options' => ['s' => 'Small', 'm' => 'Medium', 'l' => 'Large'],  
    'empty' => 'Select size',  
    'class' => 'form-control',  
    'required' => false  
]);?>
```

Input checkbox:

```
<?= $this->Form->control('published', ['type' => 'checkbox']); ?>
```

Input year with minimum and maximum (current) year:

```
<?= $this->Form->control('year', [  
    'min' => 1985,  
    'max' => date('Y'),  
    'class' => 'form-control',  
    'required' => false  
]); ?>
```

or

```
<?= $this->Form->control('year', [  
    'label' => 'Date of birth',  
    'min' => date('Y') - 70,  
    'max' => date('Y') - 18,  
    'class' => 'form-control',  
    'required' => false  
]); ?>
```

Input email:

```
<?= $this->Form->control('email', ['type' => 'email', 'class' => 'form-control']); ?>
```

Input hide:

```
<?= $this->Form->hidden('title', ['class' => 'form-control', 'required' => false]); ?>
```

Input Textarea (usually if DB is configured as text, it will automatically generate textbox:

```
<?= $this->Form->textarea('notes', ['escape' => false, 'class' => 'form-control']); ?>
```

Input time picker

```
<?= $this->Form->control('operation_time', [  
    'type' => 'time',  
    'value' => '12:30:00',  
    'class' => 'form-control',  
    'required' => false,  
    'label' => 'Operation Time'  
]); ?>
```

or

```
<?= $this->Form->time('operation_time', [  
    'value' => '12:30:00',  
    'class' => 'form-control',  
    'required' => false,  
    'label' => 'Operation Time'  
]); ?>
```

Input date picker:

```
<?= $this->Form->control('dob', [  
    'type' => 'date',  
    'value' => date('dd/mm/yyyy'),  
    'class' => 'form-control',  
    'required' => false,  
    'label' => 'Date of Birth'  
]); ?>
```

Input radio button:

```
<?= $this->Form->radio('gender', ['Male', 'Female']); ?>
```

Input file select:

```
<?= $this->Form->control('attachment', ['type' => 'file', 'class' => 'form-control']); ?>
```

Label only:

```
<?= $this->Form->label('name'); ?>
```

HTML Helper

Include CSS:

```
<?= $this->Html->css('bootstrap.css') ?>
```

Include script:

```
<?= $this->Html->script('bootstrap.bundle.min.js'); ?>
```

Include CSS/script to load at the end of the page:

```
<?= $this->Html->script('bootstrap.bundle.min.js', ['block' => 'scriptBottom'])  
//Others codes.  
//At the end of the page, load the following script  
<?= $this->fetch('scriptBottom') ?>
```

Include element:

```
<?= $this->element('menu'); ?>
```

Insert image:

```
<?= $this->Html->image('logo.png', ['alt' => 'Logo', 'class' => '']); ?>
```

Link:

```
<?= $this->Html->link('Dashboard',  
    ['controller' => 'Dashboards', 'action' => 'index', '_full' => true]  
); ?>
```

Link [External]:

```
<?php echo $this->Html->link('XAMPP', 'https://www.apachefriends.org', ['target' => '_blank']); ?>
```

Button [Bootstrap]:

```
<?= $this->Html->link('Dashboard',  
    ['controller' => 'Dashboards', 'action' => 'index', '_full' => true],  
    ['class' => 'btn btn-primary']  
); ?>
```

Button [Bootstrap & Font Awesome icon]

```
<?= $this->Html->link(__('<i class="fas fa-list"></i> Reset'), ['action' => 'a']); ?>
```

Video player:

```
<video controls disablePictureInPicture controlsList="nodownload" name="media"
<source src=""/><?=( '../..../files/movies/video/' . $vod->video_dir . '/' . $movi
<track label="English" kind="subtitles" srclang="en" src=""/><?=( '../..../files/m
</video>
```

Number Helper

Number to readable format:

```
<?php echo $this->Number->toReadableSize(1321205.76); ?>
```

Formatting floating-point number:

```
<?= $this->Number->precision(456.91873645, 2); ?>
```

Formatting percentage:

```
<?= $this->Number->toPercentage(45.691873645); ?>
```

Formatting Currency/ Before and after value:

```
<?= $this->Number->format('123456.7897', [
    'places' => 2,
    'before' => 'RM ',
    'after' => ' Cent'
]); ?>
```

Text Helper

Text Truncation

```
<?php
use Cake\Utility\Text; //load at the beginning of file
?>
<?= Text::truncate(
    $this->Text->autoParagraph($document->summary),
    30,
    [
        'ellipsis' => '...',
        'exact' => false
    ]
); ?>
```

URL

Request URL

```
<?php
use Cake\Routing\Router; //load at the beginning of file
```

?>

<?php

```
echo Router::url(null, true); //output: http://localhost/folder/articles/v
echo Router::url(null, false); //output: /folder/articles/view/11
echo $this->request->getUri(); //output: http://localhost/articles/view/11
echo $this->request->getUri()->getPath(); //output: /articles/view/11
echo $this->request->getRequestTarget(); //output: /articles/view/11
echo Router::url("/", true); //output: http://localhost/folder/
echo Router::url("/", false); //output: /folder/
```

?>

Get parameter from URL using query string parameters request

<?php

```
use Cake\Routing\Router;
```

?>

<?php

```
//if URL: codethepixel.com/documents?page=2&limit=10
```

```
//to get the limit value:
```

```
$limit = $this->request->getQuery('limit');
```

?>

[will be updated...]