Request

* Class Cake\Http\ServerRequest
* ServerRequest is the default in CakePhp
* $this->request is available in Controllers, Cells, Views, Helpers.
* https://book.cakephp.org/3.0/en/controllers/request-response.html#Cake\Http\ServerRequest::input

Get Parameters

* Routing parameters:

+ plugin

+ controller

+ action

+ prefix

* Ex:

$controllerName = $this->request->getParam('controller');

// Prior to 3.4.0

$controllerName = $this->request->param('controller');

Query String Parameters

* *New in version 3.4.0:*getQueryParams() and getQuery() were added in 3.4.0
* Using Cake\Http\ServerRequest::getQuery($name)
* Ex:

// URL is /posts/index?page=1&sort=title

$page = $this->request->getQuery('page');

// Prior to 3.4.0

$page = $this->request->query('page');

* If query does not exist => null

$foo = $this->request->getQuery('value\_that\_does\_not\_exist');

// $foo === null

// You can also provide default values

$foo = $this->request->getQuery('does\_not\_exist', 'default val');

* Get all query params

$query = $this->request->getQueryParams();

Request Body data

* Systax: Cake\Http\ServerRequest::getData(name, $default = null)
* Ex:

// An input with a name attribute equal to 'MyModel[title]' is accessible at

$title = $this->request->getData('MyModel.title');

//

$foo = $this->request->getData('Value.that.does.not.exist');

// $foo == null

* Get all data return array

$data = $this->request->getData();

* Set data

$this->request->data(‘name’, ‘name is change’);

Checking Request Conditions

* Systax: Cake\Http\ServerRequest::is($type, $args…)
* About: get, put, patch, post, delete, head, ajax, ssl, json, xml…
* Ex:

$isPost = $this->request->is(‘post’);

Session Data

* Using the session()method
* Ex:

// get request session name Auth.User.name’

$userName = $this->request->session()->read(‘Auth.User.name’);

Cookies

* Ex

// Get the cookie value, or null if the cookie is missing.

$rememberMe = $this->request->getCookie('remember\_me');

// Read the value, or get the default of 0

$rememberMe = $this->request->getCookie('remember\_me', 0);

// Get all cookies as an hash

$cookies = $this->request->getCookieParams();

// Get a CookieCollection instance (starting with 3.5.0)

$cookies = $this->request->getCookieCollection()

Reading HTTP Headers

* Allows you to access any of the HTTP\_\* headers that were used for the request.
* Ex:

// Get the header as a string

$userAgent = $this->request->getHeaderLine('User-Agent');

// Get an array of all values.

$acceptHeader = $this->request->getHeader('Accept');

// Check if a header exists

$hasAcceptHeader = $this->request->hasHeader('Accept');

// Prior to 3.4.0

$userAgent = $this->request->header('User-Agent');

//referrer

Cake\Http\ServerRequest::referer($local = false)

Get Client IP

* Cake\Http\ServerRequest::clientIp()

Returns the current visitor’s IP address.