
CakeGCM Documentation

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CakeGCM

CakeGCM is a plugin for CakePHP to send downstream message to an Android or iOS device through Google Cloud Messaging.

Requirements

- PHP \geq 5.6
- CakePHP \geq 3.4.*

Using Composer

To install this plugin, run `composer require ker0x/cake-gcm` or add this snippet in your project's `composer.json`.

```
{
    "require": {
        "ker0x/cake-gcm": "~2.0"
    }
}
```

Enable plugin

You need to enable the plugin in your `config/bootstrap.php` file:

```
Plugin::load('ker0x/CakeGcm');
```

If you are already using `Plugin::loadAll();`, then this is not necessary.

Get an API key

Go to <https://console.developers.google.com/apis/library> and enable Google Cloud Messaging API

Use the Gcm class

First, you have to include it :

```
use ker0x\CakeGcm\Webbservice\Gcm;
```

Then, in your code:

```
$Gcm = new Gcm(['api' => ['key' => '*****']]);  
$Gcm->send($ids, $payload, $parameters);
```

where:

- ***** is your API key (required)
- \$ids is a string or an array of device ids. (required)
- \$payload is an array containing the notification and/or some datas that will be passed to a device. (optional)
- \$paramaters is an array of parameters for the notification. (optional)

You could have the response of the request by using the function `response()`:

```
$response = $Gcm->response();
```

Use the component

In `src/Controller/AppController.php`, add:

```
$this->loadComponent('ker0x/CakeGcm.Gcm', [  
    'api' => [  
        'key' => '*****'  
    ]  
]);
```

in your Controller's `initialize()` method.

Then, in an action of one of your Controller, add the following code:

```
if ($this->Gcm->send($ids, $payload, $parameters)) {  
    // do some stuff  
} else {  
    // do other stuff  
}  
  
$response = $this->Gcm->response();
```

Send notifications

Send an empty notification to a device:

```
$Gcm->send('1');
```

Send a notification to a device:

```
$Gcm->send('1', [  
  'notification' => [  
    'title' => 'Hello World',  
    'body' => 'My awesome Hellow World!'  
  ]  
]);
```

or with the shortcut

```
$Gcm->sendNotification('1', [  
  'title' => 'Hello World',  
  'body' => 'My awesome Hellow World!'  
]);
```

Send a notification to multiples devices:

```
$Gcm->send(  
  ['1', '2', '3', '4'],  
  [  
    'notification' => [  
      'title' => 'Hello World',  
      'body' => 'My awesome Hellow World!'  
    ]  
  ]  
);
```

or

```
$Gcm->sendNotification(  
  ['1', '2', '3', '4'],  
  [  
    'title' => 'Hello World',  
    'body' => 'My awesome Hellow World!'  
  ]  
);
```

Send datas

Send datas to a device

```
$Gcm->send('1', [  
  'data' => [  
    'data-1' => 'Lorem ipsum',  
    'data-2' => 1234,  
    'data-3' => true  
  ]  
]);
```

or with the shortcut

```
$Gcm->sendData('1', [  
  'data-1' => 'Lorem ipsum',  
  'data-2' => 1234,  
  'data-3' => true  
]);
```

Send notifications and datas

Send a notification and some datas to multiple devices at the same time:

```
$Gcm->send(  
  ['1', '2', '3', '4'],  
  [  
    'notification' => [  
      'title' => 'Hello World',  
      'body' => 'My awesome Hellow World!'  
    ],  
    'data' => [  
      'data-1' => 'Lorem ipsum',  
      'data-2' => 1234,  
      'data-3' => true  
    ]  
  ]  
);
```

Extra parameters

Send a notification with extra parameters:

```
$Gcm->send(
  ['1', '2', '3', '4'],
  [
    'notification' => [
      'title' => 'Hello World',
      'body' => 'My awesome Hello World!'
    ]
  ],
  [
    'delay_while_idle' => true,
    'dry_run' => false,
    'time_to_live' => 86400,
    'collapse_key' => 'Gcm',
    'restricted_package_name' => 'my_awesome_package'
  ]
);
```