

# MonCash REST API WITH PHP



## Documentation

INTRODUCTION	2
INSTALLATION WITH COMPOSER	2
INSTALLATION DIRECT DOWNLOAD	2
MAKING FIRST CALL	2
COMPLETE CODE	4



## Introduction

Moncash REST API is a simple way of integrating the payment gateway into your site to take payments. In this article we're going to look at a simple example that will use Moncash SDK to take payments using PHP.

## Installation with composer

**Composer** is the recommended way to install the SDK. Alternatively, if you prefer not to use Composer, but want to install our SDK, you can do so by doing a direct download <https://github.com/ecelestin/ecelestin-Moncash-sdk-php>.

Currently, Moncash PHP Rest API SDK is available at github <https://github.com/ecelestin/ecelestin-Moncash-sdk-php.git>. To use it in your project, you need to include it as a dependency in your project composer.json file.

1. Download **Composer** if not already installed
2. Go to your project directory. If you don't have one, just create a directory and cd in.

```
$ mkdir project  
$ cd project
```

3. Execute **composer require DGCGroup/MonCash-PHP-SDK** on command line.

## Installation Direct Download

If you don't want to use composer, you can grab the SDK zip that contains Moncash PHP Rest API SDK with all its dependencies with it.

1. Download the Moncash-PHP-SDK <https://github.com/ecelestin/ecelestin-Moncash-sdk-php>
2. Go to your project directory. If you do not have one, just create a directory and cd in.

```
$ mkdir project  
$ cd project
```

3. Unzip, and copy directory to your project location

## Making First Call

After the installation, so that we can benefit from using the namespaces of the SDK classes to import them into our scripts we want to make sure we include Composer's autoload in our codebase. For our example code, we will include it at the top of the file that will be required by our request and response scripts.

1. Auto load the SDK Package. This will include all the files and classes to your autoloader. Please note, if you downloaded the SDK directly, replace vendor by the complete path to the autoloader from the package.



```
<?php

require __DIR__ . '/vendor/autoload.php';
use DGCGroup\MonCashPHPSDK\Credentials;
use DGCGroup\MonCashPHPSDK\Configuration;
use DGCGroup\MonCashPHPSDK\PaymentMaker;
use DGCGroup\MonCashPHPSDK\Order;
use DGCGroup\MonCashPHPSDK\TransactionCaller;
use DGCGroup\MonCashPHPSDK\TransactionDetails;
use DGCGroup\MonCashPHPSDK\TransactionPayment;
```

2. Provide the ClientId and Secret before make request

```
...
$client = "client id";
$secret = "client secret";
$configArray = Configuration::getSandboxConfigs(); // Configuration::getProdConfigs()
for live
$credential = new Credentials($client, $secret, $configArray);
```

3. Let's try to create a new moncash Payment

```
// Create payment
$amount = 201;//amount in HTG
$orderId = "979879799798"; //may be your cart Id
$order = new Order( $orderId, $amount );
$paymentObj = PaymentMaker::makePaymentRequest($order, $credential,
$configArray);
//This method return the payment gateway url
echo $paymentObj->getRedirect();
```

#### 4. Capture payment using the transactionId

```
// Capture the payment
$transactionDetails =
TransactionCaller::getTransactionDetailsByTransactionIdRequest( $theOrder,
$credential, $configArray );

echo $transactionDetails->getPayment()->getReference();
echo $transactionDetails->getPayment()->getTransactionId();
echo $transactionDetails->getPayment()->getCost();
echo $transactionDetails->getPayment()->getMessage();
echo $transactionDetails->getPayment()->getPayer();
echo date('D M d Y', $transactionDetails->getTimestamp()/1000);
```

#### 5. Capture payment using the orderId

```
// Capture the payment
$transactionDetails = TransactionCaller::getTransactionDetailsByOrderIdRequest(
$theOrder, $credential, $configArray );

echo $transactionDetails->getPayment()->getReference();
echo $transactionDetails->getPayment()->getTransactionId();
echo $transactionDetails->getPayment()->getCost();
echo $transactionDetails->getPayment()->getMessage();
echo $transactionDetails->getPayment()->getPayer();
echo date('D M d Y', $transactionDetails->getTimestamp()/1000);
```

## Complete code

The complete example code for the integration described in this post can be found on [GitHub](#). Check it out, download and play with it. Hopefully this really simple example will get you started with integrating Moncash into your site.