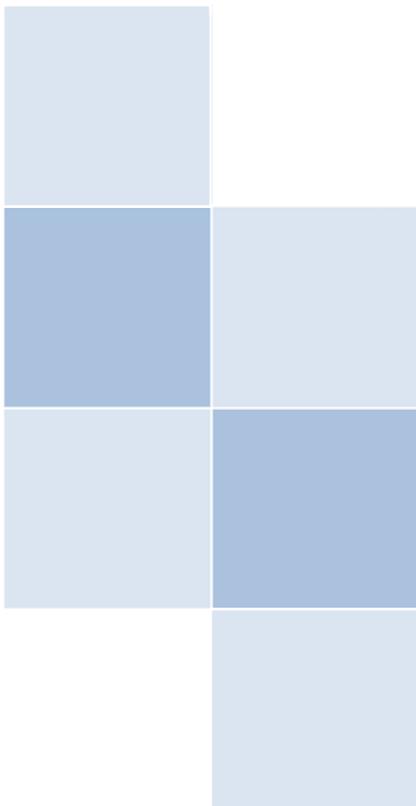


# 2012

## MyanPay NVP API Web Samples Using PHP

# MyanPay™



**MyanPay**

Myanmar Soft-Gate Technology Co, Ltd.

8/20/2012

# MyanPay NVP API Web Samples Using PHP

This document describes web samples that use PHP to send Name-Value Pair (NVP) API requests to a MyanPay server. This document contains the following sections:

- [Required Software](#)
- [Installing the Samples](#)
- [Express Checkout Flow](#)
- [Accepting MyanPay in Express Checkout](#)
- [Common Files](#)
- [Express Checkout Documentation](#)

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## Required Software

The following software is required:

Software	Version	Download Location
PHP with CURL extension enabled	4.4.2 or greater	<a href="http://www.php.net/downloads.php">http://www.php.net/downloads.php</a>
Apache HTTP Server	1.3.17 or greater	<a href="http://httpd.apache.org/">http://httpd.apache.org/</a>

You must install and configure PHP with the Apache HTTP Server.

Modify in your php.ini file. Activation of PHP/CURL on windows is starting up notepad (or similar) and removing a semicolon from the following line in php.ini:

```
;extension=php_curl.dll
```

If you use XAMPP, Modify "C:\xampp\php\php.ini". Search "php\_curl" and remove ";" at front for this line.

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## Installing the Samples

Copy the sample folder, phpbasic, phpsimple, phpadvance to the docroot of the Apache HTTP Server. By default docroot is in *datadir/htdocs*.

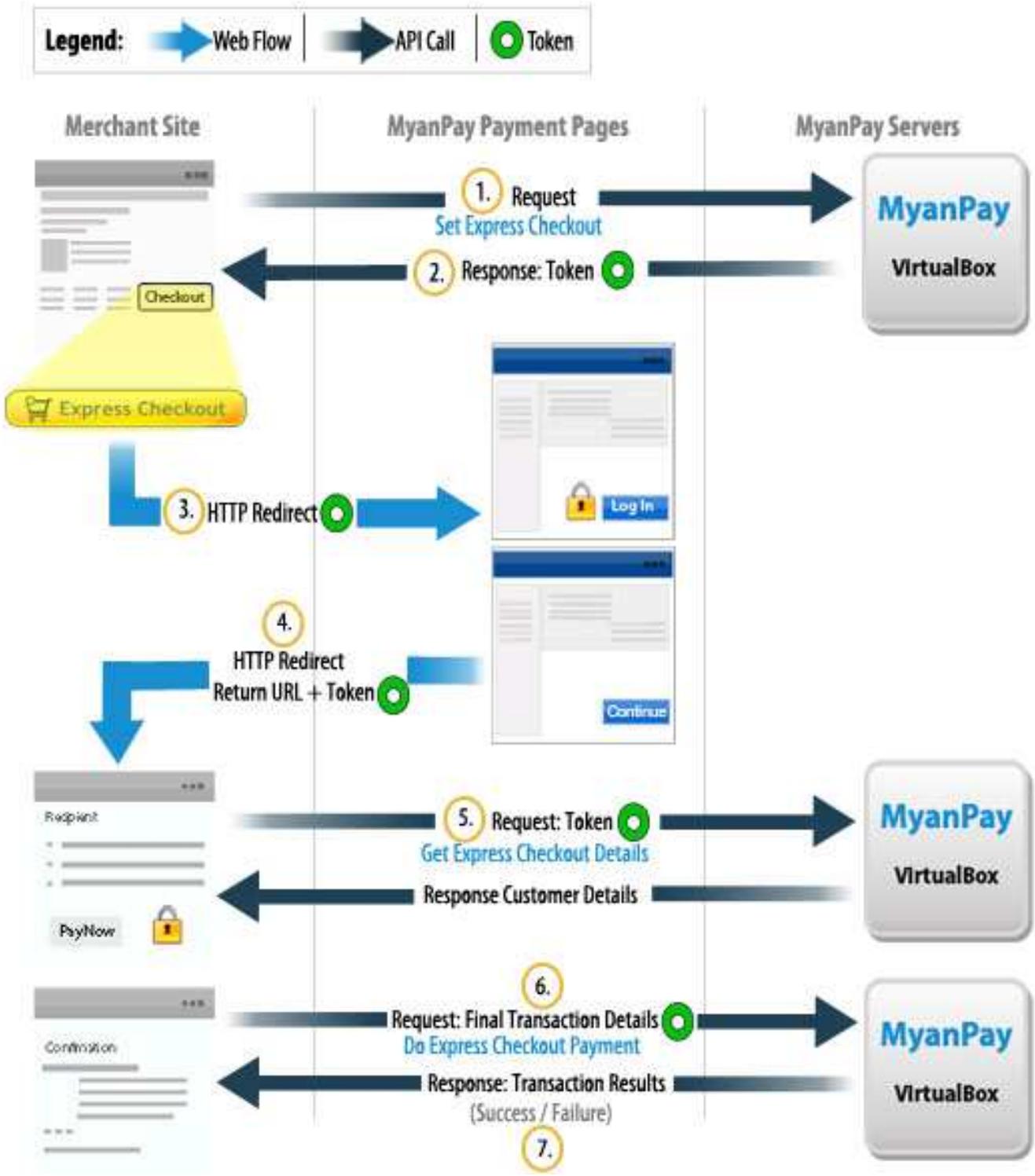
You can download that sample project file in following url address:

<https://www.myanpay-virtualbox.com/download/zip/phpAdvanceCode.zip>

<https://www.myanpay-virtualbox.com/download/zip/phpSimpleCode.zip>

<https://www.myanpay-virtualbox.com/download/zip/phpBasicCode.zip>

## Express Checkout Flow



## Accepting MyanPay in Express Checkout

This sample shows how to use Express Checkout to accept payments using MyanPay. The primary files for this sample are:

File	Description								
index.php (or) MyanPaySetExpressCheckoutDetails.php	<p>This is the main web page for the Express Checkout sample. The page allows the user to enter amount and other parameter. It also accept input variable paymentType which becomes the value of the PAYMENTACTION parameter.</p> <p>When the user clicks the <b>Submit</b> button, MyanPayReviewOrder.php is called.            Called by <a href="#">index.php</a> (or) <a href="#">MyanPaySetExpressCheckoutDetails.php</a>            Calls <a href="#">MyanPayReviewOrder.php</a></p>								
MyanPayReviewOrder.php	<p>This is the configuration file for MyanPaySetExpressCheckoutDetails.php and MyanPayGetExpressCheckoutDetails.php. This file contains the parameters needed to make an API call. MyanPay includes the following API Signature for making API calls to the MyanPayVirtualBox:</p> <table border="1" data-bbox="624 947 1517 1205"> <thead> <tr> <th colspan="2" data-bbox="624 947 1517 1003">API Signature</th> </tr> </thead> <tbody> <tr> <td data-bbox="624 1003 834 1059">API Username</td> <td data-bbox="834 1003 1517 1059">_junio7482443442_myanpayAPI</td> </tr> <tr> <td data-bbox="624 1059 834 1115">API Password</td> <td data-bbox="834 1059 1517 1115">Z687FL3W036I06D0</td> </tr> <tr> <td data-bbox="624 1115 834 1205">API Signature</td> <td data-bbox="834 1115 1517 1205">b98qL7734zo0Fw50mFP4u55p583bkLz44ZY524EMe5rOzIWq5AN2rx8d</td> </tr> </tbody> </table> <p>This file is called after the user clicks on a button during the checkout process to use MyanPay's Express Checkout. The user logs in to their MyanPay account. This file is called twice. On the first pass, the code executes the if statement:</p> <pre><b>if (! isset (\$token))</b></pre> <p>The code collects transaction parameters from the form displayed by index.php (or) MyanPaySetExpressCheckoutDetails.php then constructs and sends a SetExpressCheckout request string to the MyanPay server with following url.  <a href="https://www.myanpay-virtualbox.com/Personal/ExpressCheckout/ExpressCheckoutRequestHandler.aspx">https://www.myanpay-virtualbox.com/Personal/ExpressCheckout/ExpressCheckoutRequestHandler.aspx</a></p> <p>If the operation was successful, use the token and redirect your browser to the myanpay-virtualbox to log in, as follows:  <a href="https://www.myanpay-virtualbox.com/Personal/ExpressCheckout/ExpressCheckoutLogin.aspx?cmd=express-checkout&amp;token=MyanPay-ZJ24HP17587PD2BLPFR64C">https://www.myanpay-virtualbox.com/Personal/ExpressCheckout/ExpressCheckoutLogin.aspx?cmd=express-checkout&amp;token=MyanPay-ZJ24HP17587PD2BLPFR64C</a></p> <p>For security purposes, token will be always change. The paymentType variable becomes the PAYMENTACTION parameter of the request string. The RETURNURL parameter is set to this file; this is how MyanPayReviewOrder.php is called twice.</p>	API Signature		API Username	_junio7482443442_myanpayAPI	API Password	Z687FL3W036I06D0	API Signature	b98qL7734zo0Fw50mFP4u55p583bkLz44ZY524EMe5rOzIWq5AN2rx8d
API Signature									
API Username	_junio7482443442_myanpayAPI								
API Password	Z687FL3W036I06D0								
API Signature	b98qL7734zo0Fw50mFP4u55p583bkLz44ZY524EMe5rOzIWq5AN2rx8d								

	<p><b>On the second pass, the code executes the else statement.</b></p> <p>On the first pass, the buyer completed the authorization in their MyanPay account; now the code gets the payer details by sending a GetExpressCheckoutDetails request to the MyanPay server with following url.<a href="https://www.myanpay-virtualbox.com/Personal/ExpressCheckout/GetExpressCheckoutRequestHandler.aspx">https://www.myanpay-virtualbox.com/Personal/ExpressCheckout/GetExpressCheckoutRequestHandler.aspx</a> .</p> <p>Then the code calls MyanPayGetExpressCheckoutDetails.php.</p> <p><b>Note:</b> Be sure to check the value of MyanPay_URL. The buyer is sent to this URL to authorize payment with their MyanPay account. For testing purposes, this should be set to the MyanPayVirtualBox.</p> <p>Called by <a href="#">index.php</a> (or) <a href="#">MyanPaySetExpressCheckoutDetails.php</a> Calls <a href="#">MyanPayGetExpressCheckoutDetails.php</a>, <a href="#">MyanPayCallerService.php</a>, and <a href="#">MyanPayAPIError.php</a></p>								
MyanPayGetExpressCheckoutDetails.php	<p>This functionality is called after the buyer returns from MyanPay and has authorized the payment.</p> <p>Displays the payer details returned by the GetExpressCheckoutDetails response and calls MyanPayDoExpressCheckoutDetails.php to complete the payment authorization.</p> <p>Called by <a href="#">MyanPayReviewOrder.php</a> Calls <a href="#">MyanPayDoExpressCheckoutDetails.php</a></p>								
MyanPayDoExpressCheckoutDetails.php	<p>This functionality is called to complete the payment with MyanPay and display the result to the buyer.</p> <p>This file contains the parameters needed to make an API call. It API Signature must be same to MyanPayReviewOrder.php.</p> <table border="1" data-bbox="624 1167 1513 1429"> <thead> <tr> <th colspan="2">API Signature</th> </tr> </thead> <tbody> <tr> <td>API Username</td> <td>_junio7482443442_myanpayAPI</td> </tr> <tr> <td>API Password</td> <td>Z687FL3W036I06D0</td> </tr> <tr> <td>API Signature</td> <td>b98qL7734zo0Fw50mFP4u55p583bkLz44ZY524EMe5rOzIWq5AN2rx8d</td> </tr> </tbody> </table> <p>The code constructs and sends the DoExpressCheckoutPayment request string to the MyanPay server with following url. <a href="https://www.myanpay-virtualbox.com/Personal/ExpressCheckout/DoExpressCheckOutRequestHandler.aspx">https://www.myanpay-virtualbox.com/Personal/ExpressCheckout/DoExpressCheckOutRequestHandler.aspx</a></p> <p>Called by <a href="#">MyanPayGetExpressCheckoutDetails.php</a>. Calls <a href="#">MyanPayCallerService.php</a> and <a href="#">MyanPayAPIError.php</a>.</p>	API Signature		API Username	_junio7482443442_myanpayAPI	API Password	Z687FL3W036I06D0	API Signature	b98qL7734zo0Fw50mFP4u55p583bkLz44ZY524EMe5rOzIWq5AN2rx8d
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API Signature	b98qL7734zo0Fw50mFP4u55p583bkLz44ZY524EMe5rOzIWq5AN2rx8d								

## Common Files

The following files are common to the samples.

File	Description
index.php	The main web page with links to each sample. Calls <a href="#">MyanPaySetExpressCheckoutDetails.php</a> , <a href="#">MyanPayGetExpressCheckoutDetails.php</a> , and <a href="#">MyanPayDoExpressCheckoutDetails.php</a>
style.css	Cascading Style Sheet (CSS) used by index.php.
MyanPayCallerService.php	Each API uses this page to submit NVPRequest. This Page reads the credential information from MyanPayReviewOrder.php and MyanPayDoExpressCheckoutDetails.php to connect with Server, submit NVPRequest and return NVPResponse from the Server after de-formatting to display in response page.
MyanPayAPIError.php	Displays error parameters from the response in the browser. Called by <a href="#">MyanPayReviewOrder.php</a> , <a href="#">MyanPayDoExpressCheckoutDetails.php</a> .

## Express Checkout Documentation

The *Name-Value Pair API Developer Guide and Reference* is available in PDF format.

PDF <https://www.myanpay-virtualbox.com/download/PDF/ExpressCheckoutIntegrationGuide.pdf>

**Note** :MyanpayVirtualBox site ( <https://www.myanpay-virtualbox.com>) is just for testing purpose. If you want to use MyanPay in your web site, you need to use <https://www.myanpay.com.mm> instead of <https://www.myanpay-virtualbox.com>.

**Note**:MyanPay Virtual Box Website သည် developer များစမ်းသပ်အသုံးပြုရန်အတွက်သာ ဖြစ်သည်။လူကြီးမင်းများ၏ Website တွင် အမှန်တကယ်ငွေကြေးဖြင့် အသုံးပြုမည်ဆိုပါက <https://www.myanpay-virtualbox.com> အစား <https://www.myanpay.com.mm> ကိုပြောင်းလဲအသုံးပြုရမည် ဖြစ်သည်။