



How to use the PayFast Plugin for custom payment v2022.1

CONTENT

1. Before you start	3
2. Plugin content	4
3. The Copyright and the ownership	5
4. Compatibility.....	6
5. How to use it?	8
6. How to get a license key?	9
7. How to configure the PayFast parameters into afs_config.php files ?	12
Settings of config.php file	12
Other settings of afs_config.php file	13
8. How to configure return URL's?	15
9. How to integrate custom payment into Website?	16
Configuration of the payment gateway	16
Configure Website X5 to upload all files on web server during an export	22
10. How to export file(s)/directory(ies) with other FTP Clients ?	28
11. How to run payment manually or automatically?	29
Manual redirection to the payment site	29
Automatic redirection to the payment site (no click on the link needed!).....	31
Automatic redirection to the payment site with the optional 'click'	33
12. How to display a progress bar for an automatic payment?	35



13.	What happens when an order is OK?	40
14.	Message from the PayFast payment gateway upon the successful payment	45
15.	How to change the sandbox mode to production mode ?	46
16.	How to configure ITN / Webhook.....	47
17.	How to use the debug mode?	48
18.	How to use the afs_debug.php file to have deeper information ?	51
19.	How to change the currency of the payment system?	55
20.	How to change the payment method ?	56
21.	How to change the look & feel of the checkout page ?.....	58
22.	How to generate my evaluation key?	59
23.	How to configure the return page after a payment OK ?	60
24.	How to configure the return page after a payment Not OK?	63
25.	How to initialize the order-cookie?.....	66
26.	How to use afs_cookiechecker.php tool?	67
	Cookie is correctly detected by afs_cookiechecker.php	68
	Cookie is not correctly detected by afs_cookiechecker.php	69
27.	Access to the AFS BugTracker tool	70
28.	Known Errors.....	73
	• Fatal error and afs_functions.php corrupted	73
	• The Merchant ID must be 8 digits	74
	• Invalid Merchant key.....	74
	• Merchant Key must be 13 characters	75
	• This merchant account is currently not able to receive payments.....	75
	• Generated signature does not match submitted signature.....	76
	• Bad displaying of the checkout page	80
29.	License errors	81
30.	More information.....	82



1. Before you start

Prior to use the plugin you will need to have:

- HTML/PHP return page for successful payment
- HTML/PHP return page for payment errors
- Merchant ID code provided by PayFast
- Merchant Key codes provided by PayFast
- License file provided by AF Software.

Your e-Commerce website ready for custom payment integration

You cannot use the plugin without these files!

Sorry but all the screen captures are in French, because it's not possible to change the language on the fly into the WebSite X5 software! I do not want to reinstall the software for each screen capture – and I hope you'll manage to successfully install the plug-in despite the screen-shots not being in English!



2. Plugin content

You can improve your e-Commerce website with this plugin and offer your customers a payment gateway not currently offered by the WebSite X5 Pro made by Incomedia.

You need to unzip files into a directory within the **root of your WSX5 project** on a local hard drive. If your project is here by example: **C:\Website\Projects\Myweb**

By example to unzip all files into a directory:

C:\Website\Projects\Myweb\afs_payments\afs_payfast

After the unzip, you will have the following files:

afs_alertbox.php	--> PHP file for internal functions
afs_config.php	--> Configuration file for customized variables
afs_cookiechecker.php	--> File to check orderid cookie creation
afs_debug.php	--> Debug file only used when we have some issues
afs_form.html	--> Form to configure your payment
afs_functions.js	--> Internal JS functions
afs_functions.php	--> Internal PHP functions
afs_notify.php	--> Notification PHP file used during payment (Webhook)
afs_payfast.php	--> Main file to establish connection with the bank
afs_payment_error.html	--> Example of return page for payment Error
afs_payment_ok.html	--> Example of return page for payment OK
afs_progress_bar.html	--> Example of progress bar coding
css	--> CSS directory to construct the checkout page
img	--> Image directory (containing PayFast payment logo)
vendor	--> Payfast PHP Library directory

Please, do not change any of the filenames! The plugin is using these names and it will not work if you change them!



3. The Copyright and the ownership

This plugin is fully created and customized by AF Software to be connected with the payment gateway from the Incomedia WebSite X5 Pro software which generates your e-Commerce website.

The custom sources of this module for operation with website remain the property of AF Software

This module and its documentation are the property of AF Software. It is prohibited to translate, decompile, modify, adapt and correct it. You may not delete or change your license number and pass it on to the third parties. Rental and loan of the module is prohibited. You cannot dissociate the different elements of the module to use them on several computers. Only the owner of the plug-in is authorized to carry out these operations!

It is forbidden to extract the partial or complete content of the module (copy, re-copy, printing, photos, videos, scan ... etc) to reproduce it in any other format and medium. The entire content is protected by intellectual property French law by article L335-2.

If you do any of the above, your rights of use are automatically terminated and the author can take various legal actions.

You are authorized, for backup purposes only, to make a copy (one copy only!) of the module. You are not authorized to make copies of the paper documentation; if such documentation is provided and / or to print the content.

You are only authorized to install and use the module on one physical station (a single hard drive, screen and keyboard) and this even if during the acquisition of your license, the module was presented on several media (i.e. CD-Rom) and for different operating systems.

So this plugin can run only on one specific website. It is not possible to copy/use it on a second website.

This content is protected by intellectual property rights guaranteed by international copyright conventions.

The violation of one of the rights of the author is a crime of counterfeiting sanctioned by article L335-2 into the French law of the code of the intellectual property.



4. Compatibility

This plugin has been developed with:

- Website **PRO v2021.5.7**
- Payment form **SDK Payfast v 1.1.1**
- **PHP 7.4.11**

If you are using this plugin in other environment or version of software listed previously (old versions of the Website X5), AF Software will decline any responsibility for its proper-functionality!

In these cases, AF Software could not and would not be held responsible to make it work on outdated software or PHP version nor AF Software could be obligated to fix any of the issues regarding that. In the case of website software update (done by Incomedia) or PayFast package update, AF Software will provide various fixes so the plug-in users could use it normally as before.

If some issues appear after a major update of your WebSite X5 software, AF Software will do its best to fix any newly formed issues. But AF Software cannot provide any absolute guarantee, because AF Software is neither the owner nor business partner of the WebSite X5 – so the AF Software's influence on Website X5 development is non-existing!

Unfortunately, we cannot read into a crystal bowl for the future and what the development of the Website X5 would bring!

This plugin runs only for onetime payment! (full payment in one time, not splitted)

With this plugin you **cannot receive an email with the internet link to download a digital product – so DIGITAL goods should be sold like any other goods!** But the link into the order confirmation email is not sent by the Website X5 software!

The above mentioned is not an issue with this plugin, but an issue with Website X5 software. This **option (automatic download of digital goods upon the purchase) works ONLY with integrated PayPal payment solution and that's it!**

There is no API or open functions to use this one with external payment solution!



Type de paiement

Général Coût **Type** Message e-mail

Choisissez une méthode de paiement parmi celles disponibles.

☐ Payer plus tard
Ce type de paiement est effectué par le client à un moment postérieur à la commande (par ex. virement bancaire).

☒ Payer maintenant

Type de paiement : PayPal/Carte de crédit

Compte PayPal :


Page de confirmation du paiement : Page d'accueil

Page d'erreur du paiement : Page d'accueil

☐ Exécuter automatiquement la commande après avoir reçu le paiement

☐ La Sandbox est activée (Mode Test)

Cliquez sur l'image ci-contre pour ouvrir gratuitement votre compte sur PayPal : vous pourrez recevoir immédiatement des paiements.



OK Annuler



5. How to use it?

You can use this plugin in two (2) different ways:

- **Manual redirection** by clicking to go to the payment site;
- **Automatic redirection** after a **customizable** timeout to go to the payment site.

Automatic redirection is a feature not provided into the Website X5 software!

Please check the documentation on how to activate these two different modes!



6. How to get a license key?

To run this plugin correctly you need to get a license key provided by AF Software. The trial key is completely free of charge and you can generate it yourself from AF Software website.

This option is handy because you can generate your trial license key when you are ready for testing into your environment. The default trial period is 30 days and it will start when you generate your license key file.

Before generating your trial license key, you need to ask AF Software to give you the private code to unlock the key generator. Please contact us via e-mail to get the private code!

After reception of your private code you can go to:

https://www.afsoftware.fr/afs_keygen/afs_intro.php

to have an access to the key generator.

Please note - your **access code** will run **one time only!**

The layout of the key generator's welcome page is showed below:



Welcome to AF Software Keygen Generator

Please give your private code to have an access !

www.afsoftware.fr

(c) 2014-2019

Please follow the instructions on the screen to generate your key.

If you need more information - consult the chapter "How to generate my evaluation key?"

After the key generation and the downloaded .zip file, do not forget to rename the downloaded zipped key file to afs_licence.key. That's all to do.

Do not try to unzip the downloaded file! It is not a real zip file - so the unzipping will not work!

DO NOT UNZIP THE FILE!

JUST RENAME IT LIKE DESCRIBED ABOVE!



When your license key file is ready, you just need to copy it into the installation directory of your WSX5 project (on your PC) like in our example directory:

C:\Website\Projects\Myweb**afs_payments\afs_payfast**

This file (and others) will be needed for linking all the necessary files with your webshop page! The explanation will follow in the next pages!



7. How to configure the PayFast parameters into afs_config.php files ?

To run correctly, this plugin needs some parameters from PayFast. The below information are free for testing purpose into sandbox mode.

Settings of config.php file

Below **these 3 parameters** need to be changed into **afs_config.php** file

Testing parameters are:

\$AFS_Merchant_ID : **your Payfast Merchant ID**
\$AFS_Merchant_Key : **your PayFast Merchant Key**
\$AFS_Salt_PassPhrase: **your Secret passPhrase**

In production parameters are:

\$AFS_Merchant_ID : received after live contract
\$AFS_Merchant_Key : received after live contract
\$AFS_Salt_PassPhrase: **your Secret passPhrase**

The **PassPhrase** needs also to be configured into your **dashboard** and to be **the same** !



Welcome to Sandbox

The PayFast sandbox allows you to test the various components of your payment integration. Note that sandbox uses a virtual wallet in place of all the payment methods. Apart from that, you will be able to test your custom integration, including recurring billing payments, ITNs, order updates on your site, API tests / cURL calls, as well as Pay Now buttons and our plugins.

Account Information

Your unique credentials for testing. You can also use these details for testing outside of the sandbox.

Merchant ID: 1000000000000000
Merchant Key: 1000000000000000ph
Sandbox URL: https://sandbox.payfast.co.za/eng/process

Salt Passphrase: ?

afsoftware2022

Edit Passphrase

Please, check with your bank if these parameters are always up to date.

You need to configure these parameters into **afs_config.php** file and to replace the below values by yours given by the PayFast payment system!

These parameters are generally configured for fulltime. It was not necessary to go back anymore.

Other settings of afs_config.php file

Other parameters can be configured into the **afs_config.php** file. Please check into the afs_config.php file our comments on other parameters

Please edit the afs_config.php file to see other parameters and explanation of their usage.



Administrator email reception

Optionally, you can configure the module to send an email to the Merchant as same time for the buyer.

Please change these following settings into your afs_config.php file.

\$AFS_Email_Confirmation = ""; /* To activate or not, email confirmation to the merchant.
Value is '0' or '1' */

\$AFS_Confirmation_Email = "";



8. How to configure return URL's?

You need also to provide your return URLs (payment OK page, payment ERROR page and notification (webhook) return page) into afs_config.php file:

```
/* To configure Return's URL after payment */  
$AFS_URL_Notify = "http://localhost/ wx5demo/afs_payments/afs_payfast/afs_notify.php";  
$AFS_Page_Payment_Success = "http://localhost/wsx5demo/afs_payment_ok.html";  
$AFS_Page_Payment_Error = "http://localhost/wsx5demo/afs_payment_error.html";
```

After setting the above your afs_config.php file is ready to be used!



9. How to integrate custom payment into Website?

Configuration is done in two (2) steps to configure the new payment gateway.

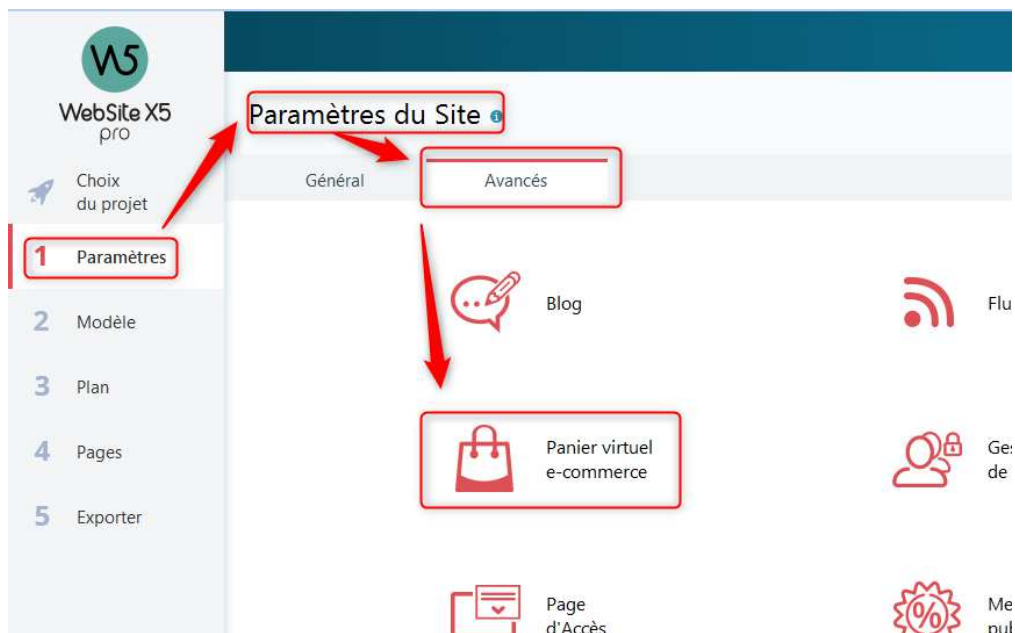
1st STEP > configure the payment gateway interface into the e-Commerce cart

2nd STEP > configure the project to upload all the necessary files to your website from the project during export

Configuration of the payment gateway

To be able to add a new custom payment gateway - your e-Commerce project needs to be ready before you can do this step!

Follow the steps below **to go to an e-Commerce cart configuration**



And click on 'Add' to add a new payment gateway



WSX5 Demo - Incomedia WebSite X5 Pro 2021.5.7

WebSite X5 pro

Home

1 Paramètres

2 Modèle

3 Plan

4 Pages

5 Exporter

E-commerce

Paramètres du Site

Produits

Gestion

Détails client

Envoi la commande

Options

Liste de types de livraison

Expédition	Description	Prix
Simple post	Les produits seront livrés dans 3-5 jours.	5,00
Express Delivery	Les produits seront livrés dans 2-2 jours.	10,00
International Delivery		20,00
Mondial Relais	N'oubliez pas d'indiquer votre point relais dans l'étape précéd...	6,00

Ajouter...

Dupliquer

Supprimer

Modifier...

Liste de types de paiement

Paieement	Description	Prix
PayU Payment	Play with it. We are in a SandboxNot OK, bug confirmed by ba...	0,00
Razorpay Payment	Play with it. We are in a Sandbox - <a style="color: #cc0000; fo...	0,00
Instamojo Payment	Play with it. We are in a Sandbox - <a style="color: #cc0000; fo...	0,00
Flutterwave Payment	Play with it. We are in a Sandbox - <a style="color: #cc0000; fo...	0,00
ThePay Payment	Play with it. We are in a Sandbox	0,00
UPI QR code Payment - via Mobile a...	Play with it. We are in a Sandbox	0,00
UPI QR code SEPA Payment	Payment only via SEPA wire transfer (supported into <span clas...	0,00
UPI QR Code Swiss Bill	Payment via SEPA via wire transfer spe... for <span class="bli...	0,00
SimplePay Payment	Play with it. We are in a Sandb...	0,00
Iyzico Payment	Play with it. We are in a Sandbox - <a style="color: #cc0000; fo...	0,00
GoPay Payment	Play with it. We are in a Sandbox - <a style="color: #cc0000; fo...	0,00
PayFast payment	Play with it. We are in a Sandbox -	0,00

Ajouter...

Dupliquer

Supprimer

Modifier...

The following window is displayed:



Type de paiement

Général Coût Type Message e-mail

Indiquez le nom, la description et l'image à afficher sur la page du Panier.

Nom :
PayFast payment

Description :
Play with it. We are in a Sandbox -

Image :
logo-payfast.png

OK Annuler

Here you need to put the payment name and also to add a payment-icon (picture). Click OK to continue.

Next, you need to click on a 'Type' tab.



In this window you **will copy/paste** the **content** of **afs_form.html** file – but **you MUST replace the following code-parameters with your-own parameters first!**

So, open the content of **afs_form.html** and replace the following:

First, replace ONLY the part of code **in bold** with your path:

```
<meta charset="UTF-8">
```

```
<form method="post" name="payfast" id="payfast" target="_top"
action="../afs_payments/afs_payfast/afs_payfast.php">
```

```
<script type="text/javascript">
```

```
// Price with 2 decimals
var m = [PRICE];
montant = m.toFixed(2);
```



```
// We get WSX5 variables
```

```
orderid = "[ORDER_NO]";  
email = "[EMAIL]";  
name = "[NAME]";  
lastname= "[LASTNAME]";  
address1 = "[ADDRESS1]";  
address2 = "[ADDRESS2]";  
city = "[CITY]";  
country = "[COUNTRY]";  
zippostalcode = "[ZIPPOSTALCODE]";  
isocountry = "[COUNTRYCODE]";  
phone = "[PHONE]";  
mobilephone = "[MOBILE]";  
company = "[COMPANY]";
```

```
// We fullfill form fields
```

```
document.getElementById('amount').value = montant;  
document.getElementById('orderid').value = orderid;  
document.getElementById('email').value = email;  
document.getElementById('name').value = name;  
document.getElementById('lastname').value = lastname;  
document.getElementById('address1').value = address1;  
document.getElementById('address2').value = address2;  
document.getElementById('country').value = country;  
document.getElementById('city').value = city;  
document.getElementById('zippostalcode').value = zippostalcode;  
document.getElementById('company').value = company;  
document.getElementById('isocountry').value = isocountry;  
document.getElementById('phone').value = phone;  
document.getElementById('mobilephone').value = mobilephone;
```

```
// We initialize AFS cookie with order ID
```

```
document.cookie = 'afs_payment='+ orderid + '; path=/';
```

```
</script>
```

```
<input type="image" id="image" href="" src="../../cart/images/logo-payfast.png" target=_blank  
name="clikImage"/>
```

```
<input type='hidden' id='amount' name='amount' size='10'value=''><br><br>  
<input type='hidden' id='company' name='company' size='30'value=''><br><br>  
<input type='hidden' id='orderid' name='orderid' size='10'value=''><br><br>  
<input type='hidden' id='email' name='email' size='10'value=''><br><br>  
<input type='hidden' id='name' name='name' size='10'value=''><br><br>
```



```
<input type='hidden' id='lastname' name='lastname' size='10'value=''><br><br>
<input type='hidden' id='address1' name='address1' size='10'value=''><br><br>
<input type='hidden' id='address2' name='address2' size='10'value=''><br><br>
<input type='hidden' id='city' name='city' size='10'value=''><br><br>
<input type='hidden' id='country' name='country' size='10'value=''><br><br>
<input type='hidden' id='zippostalcode' name='zippostalcode' size='10'value=''>
<input type='hidden' id='isocountry' name='isocountry' size='2'value=''>
<input type='hidden' id='phone' name='phone' size='25'value=''>
<input type='hidden' id='mobilephone' name='mobilephone' size='25'value=''>
```

</form>

Please do not modify any other part of the code!

Now your form is ready !

Type de paiement

Général Coût Type Message e-mail

Choisissez une méthode de paiement parmi celles disponibles.

☐ Payer plus tard
Ce type de paiement est effectué par le client à un moment postérieur à la commande (par ex. virement bancaire).

☒ Payer maintenant

Type de paiement :

Code HTML pour le bouton 'Payer maintenant :

```
1 <meta charset="UTF-8">
2 <form method="post" name=" payFast " id=" payFast " target
  = "_top" action=" ../afs_payments/afs_payfast/afs_payfast.php">
3
4
5
6 <script type="text/javascript">
7 // Price with 2 decimals
8 var m = [PRICE];
9 montant = m.toFixed(2);
10
11 // We get WSX5 variables
12
13 orderid = "[ORDER_NO]";
14 email = "[EMAIL]";
15 name = "[NAME]";
16 lastname = "[LASTNAME]";
17 address1 = "[ADDRESS1]";
18 address2 = "[ADDRESS2]";
```

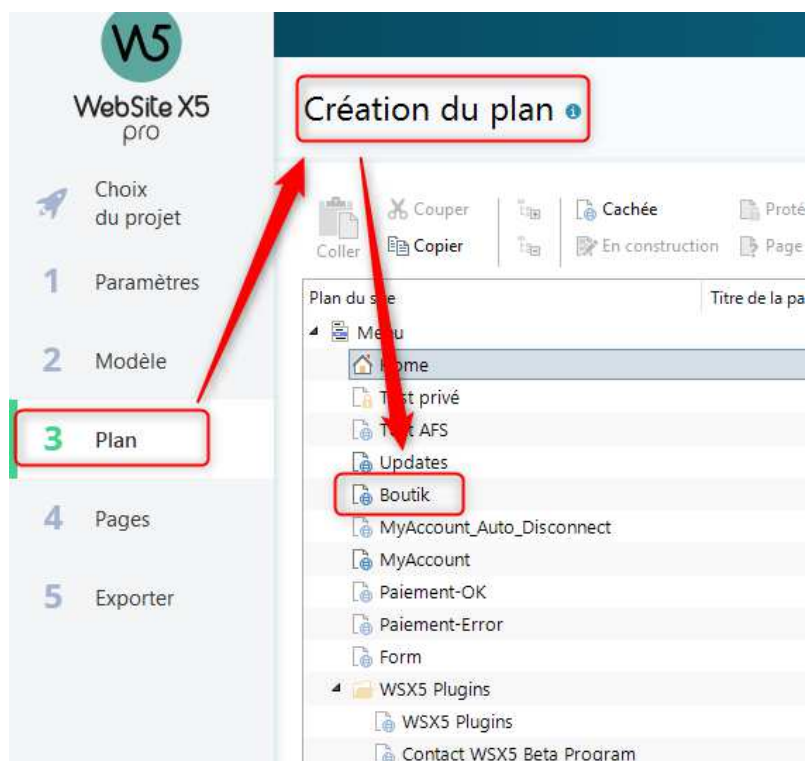
OK Annuler



NOTE: on the following pages – you will get more information on how to customize the afs_form.html even more – so it will be a good thing to SAVE the code so it could be ready for additional customization. OR, you can do the future customization right in your project webpage as described above (in the custom payment settings options).

Configure Website X5 to upload all files on web server during an export

You need to **add** an **HTML object** into your e-Commerce page of your project, like below. **You can use any page** of your project (just one page!)- it doesn't matter what would be the page where you will add this HTML object – but it has to be the part of your webshop project!





Open the page of your choice and add the HTML object:



Into the HTML object, click on '**Advanced**' tab and add **all necessary files** which have been unzipped into our example into C:\Website\Projects\Myweb\afs_payments\afs_payfast

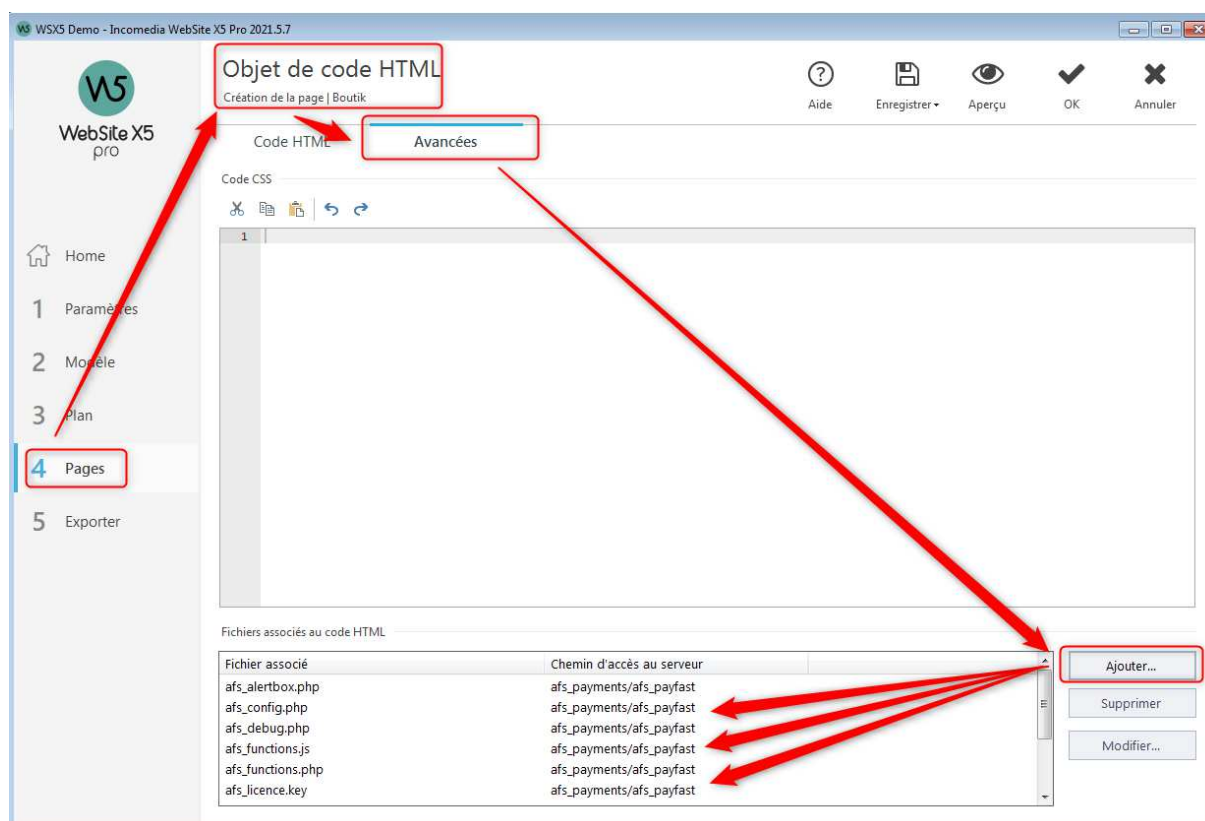
You should add the files **one by one** – thy system doesn't allows adding more files at once!

At minimum, you would need to add all the selected files below:



Nom	Modifié le	Type	Taille
css	19/04/2022 10:41	Dossier de fichiers	
img	19/04/2022 10:41	Dossier de fichiers	
vendor	19/04/2022 10:41	Dossier de fichiers	
afs_alertbox.php	03/03/2022 17:15	Fichier PHP	45 Ko
afs_config.php	18/04/2022 17:12	Fichier PHP	3 Ko
afs_debug.php	18/04/2022 23:46	Fichier PHP	17 Ko
afs_functions.js	03/03/2022 17:15	Fichier de script ...	3 Ko
afs_functions.php	13/03/2022 18:39	Fichier PHP	13 Ko
afs_licence.key	18/04/2022 17:11	Inscription dans ...	7 Ko
afs_notify.php	18/04/2022 16:33	Fichier PHP	2 Ko
afs_payfast.php	18/04/2022 17:08	Fichier PHP	14 Ko

All files added here will be sent to the web server during the next export of your project. (if you are using the built-in WSX5 FTP manager!).

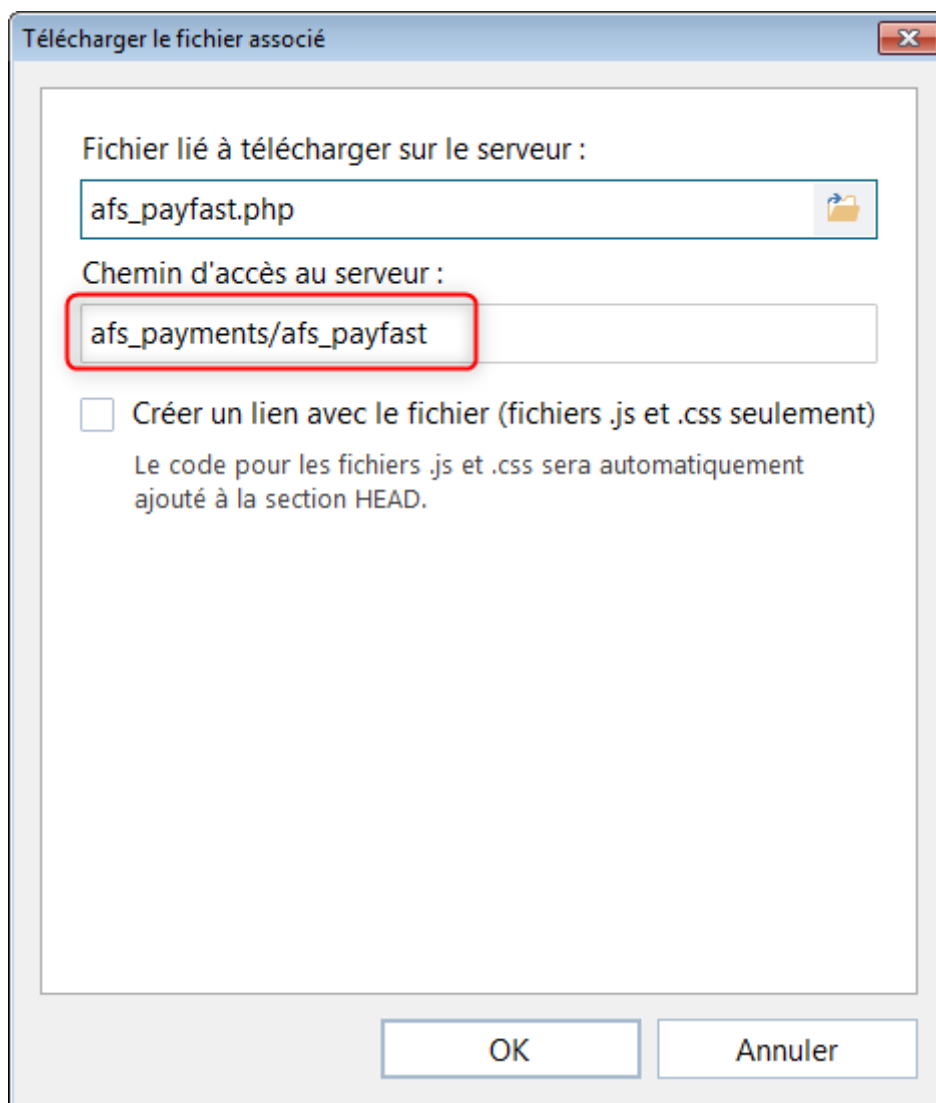


When you add your files, take care to **provide the right directory name** for each file like below.



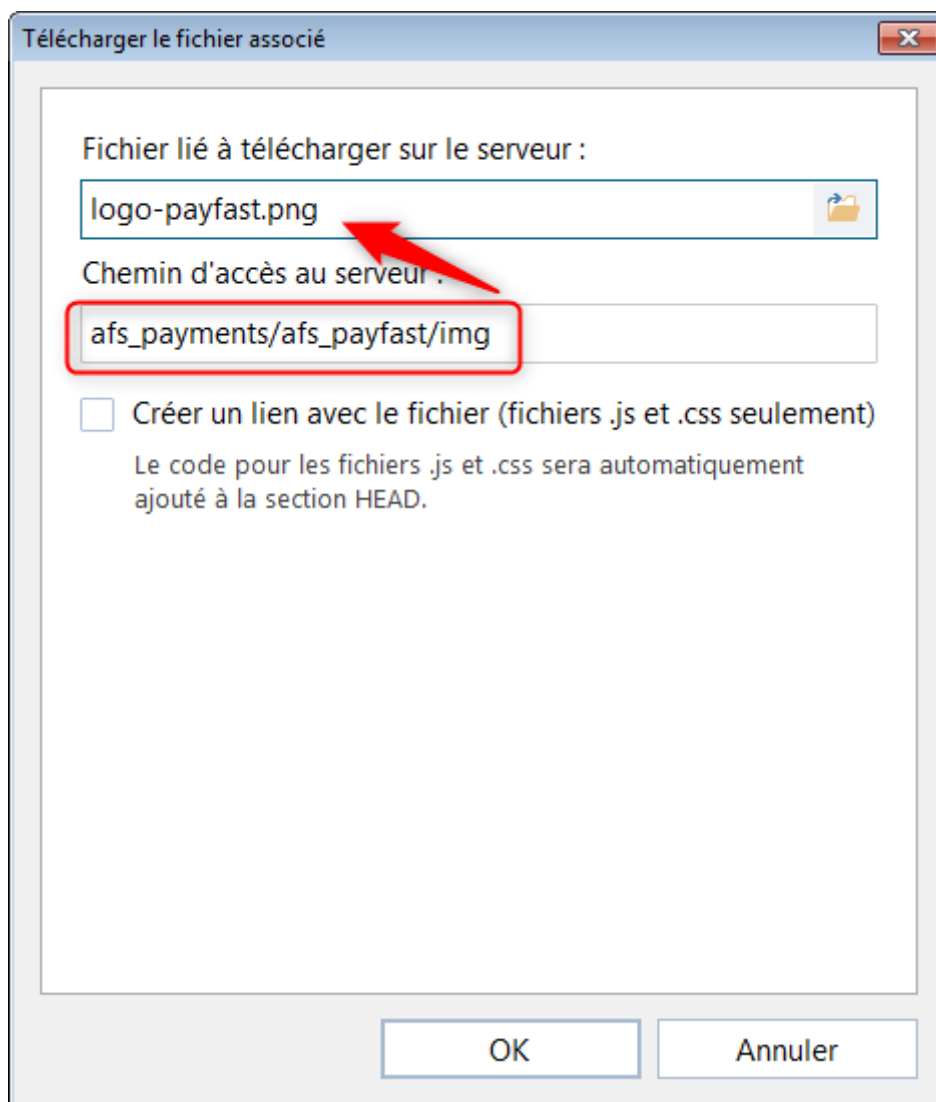
By default the path is 'files'. You need to change it to yours!

This directory will be created by WSX5 during exportation and all plugin files will be copied into this one.



If some files are under a sub-directory from the plugin package, PLEASE EXPORT THE FILE INTO THE SAME SUB-DIRECTORY to the webserver.

By example in the previous picture of the package files you have **/img directory** where the logo.png file is present. So to export the logo file into the **img directory** you need also to re-create the directory structure like.



After this operation, we recommend that you **refresh your project by** CTRL + Preview (eye icon top right into Website X5 interface)

During the next project upload - all the files will be uploaded to the web server into the chosen directory.

You **need** to **transfer the complete VENDOR directory (unzipped from your package) manually to your web server**. There is too many files add them here and to export them with WSX5 (not impossible but heavy to do !).

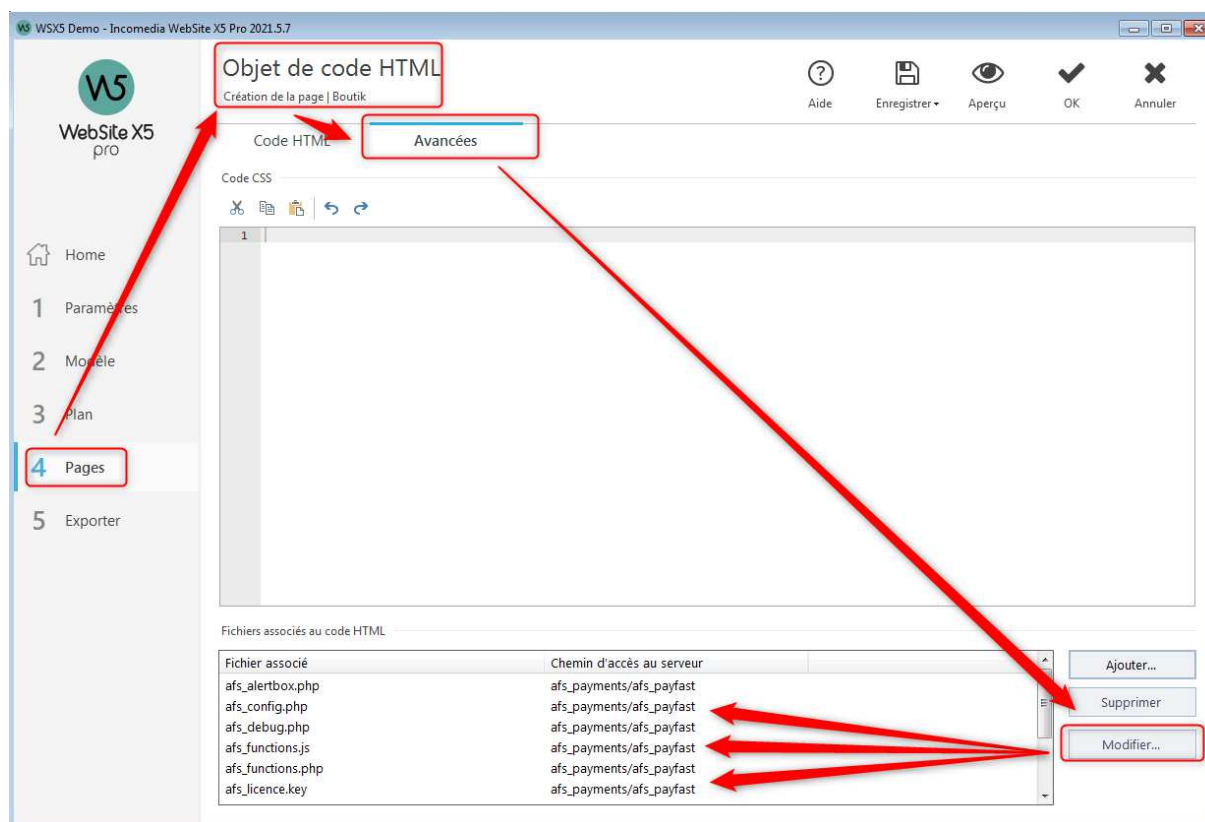


IMPORTANT:

If you change the content of any of the files after the **first upload** (afs_config.php file or any other file from "the bundle"), you will need to "force" Website X5 to re-send your modified file(s) on the next upload!

This is not an issue of the plugin, but it's known WSX5's "bug"! If an export has been done once, the next one **will probably not send** the files again – so the **software will not replace** any of the **modified file(s)** on your **web server** with the updated version!

A **good practice is to check on the web server** (via an independent FTP manager) **if the modified file(s) has been correctly** uploaded to your web server!





10. How to export file(s)/directory(ies) with other FTP Clients ?

Some plugin have complementary directory(ies) or file(s) to transfer on your web server with the plugin files.

But the method to send few files via an HTML object is doable. But if you need to transfer a directory with many files or many sub-directories, it could be difficult to configure the HTML object like explained previously to export them with the plugin files.

So it is necessary to transfer by hand the complementary files/directories via FTP protocol.

If you have a FTP client software installed on your computer so you know probably how to do.

If you have no FTP client software on your computer, please follow the explanation below.

Please check our other documentation "**AFS - TroubleShooting Guide**" to understand how to do a transfer via FTP without WSX5

This **part is not supported** by AF Software. It is here just for information.



11. How to run payment manually or automatically?

Below is an explanation on how to run in one of the two modes.

Manual redirection to the payment site

In this running mode we are exactly like in any default payment gateway provided by website X5. After an order, the customer needs to click on a button to go to the payment site.

In the case the customer does not click on the button to go to the payment site, she/he will be able to do it so by clicking on the button into the order confirmation email.

Below is a sample of code to copy into the **payment gateway form** (check chapter: How to integrate custom payment into Website) to achieve a manual redirection to the payment site.

Do not forget to change paths by yours like explained into chapter: How to integrate custom payment into Website)

```
<meta charset="UTF-8">
```

```
<form method="post" name="payfast" id="payfast" target="_top"
action=" ../afs_payments/afs_payfast/afs_payfast.php">
```

```
<script type="text/javascript">
```

```
// Price with 2 decimals
var m = [PRICE];
montant = m.toFixed(2);
```

```
// We get WSX5 variables
```

```
orderid = "[ORDER_NO]";
email = "[EMAIL]";
name = "[NAME]";
lastname= "[LASTNAME]";
```

```
address1 = "[ADDRESS1]";
address2 = "[ADDRESS2]";
city = "[CITY]";
```



```
country = "[COUNTRY]";
zippostalcode = "[ZIPPOSTALCODE]";
isocountry = "[COUNTRYCODE]";>
phone = "[PHONE]";
mobilephone = "[MOBILE]";
company = "[COMPANY]";
```

```
// We fullfill form fields
```

```
document.getElementById('amount').value = montant;
document.getElementById('orderid').value = orderid;
document.getElementById('email').value = email;
document.getElementById('name').value = name;
document.getElementById('lastname').value = lastname;
document.getElementById('address1').value = address1;
document.getElementById('address2').value = address2;
document.getElementById('country').value = country;
document.getElementById('city').value = city;
document.getElementById('zippostalcode').value = zippostalcode;
document.getElementById('company').value = company;
document.getElementById('isocountry').value = isocountry;
document.getElementById('phone').value = phone;
document.getElementById('mobilephone').value = mobilephone;
```

```
// We initialize AFS cookie with order ID
```

```
document.cookie = 'afs_payment='+ orderid + '; path=/';
```

```
</script>
```

```
<input type="image" id="image" href="" src="../../cart/images/logo-payfast.png" target=_blank
name="clImage"/>
```

```
<input type='hidden' id='amount' name='amount' size='10'value=''><br><br>
<input type='hidden' id='company' name='company' size='30'value=''><br><br>
<input type='hidden' id='orderid' name='orderid' size='10'value=''><br><br>
<input type='hidden' id='email' name='email' size='10'value=''><br><br>
<input type='hidden' id='name' name='name' size='10'value=''><br><br>
<input type='hidden' id='lastname' name='lastname' size='10'value=''><br><br>
<input type='hidden' id='address1' name='address1' size='10'value=''><br><br>
<input type='hidden' id='address2' name='address2' size='10'value=''><br><br>
<input type='hidden' id='city' name='city' size='10'value=''><br><br>
<input type='hidden' id='country' name='country' size='10'value=''><br><br>
<input type='hidden' id='zippostalcode' name='zippostalcode' size='10'value=''>
<input type='hidden' id='isocountry' name='isocountry' size='2'value=''>
```

```
<input type='hidden' id='phone' name='phone' size='25'value=''>
<input type='hidden' id='mobilephone' name='mobilephone' size='25'value=''>
```

```
</form>
```



Automatic redirection to the payment site (no click on the link needed!)

In this running mode we change the default Website X5 procedure by adding a javascript code.

This option is very useful because - after the order confirmation page gets displayed to the user - the redirection to the payment site will be done automatically after a customizable timeout-period with no action needed from the user!

With automatic redirection, the customer will continue to receive the order confirmation email with payment information (button to go the payment site).

So, if the customer goes directly to the payment website after his order and execute this payment, payment information (button to go the payment site) into the email will be not useful.

If there is an error with the payment or it got canceled - the button-link which the buyer would receive in the email will not be useful because the payment will be generating an error and so the user would need to re-order the chosen items again from the webshop!

Below is a sample of code to copy into the payment gateway form (check chapter: How to integrate custom payment into Website) to have an automatic redirection to the payment site.

Do not forget to change paths by yours like explained in the chapter: How to integrate custom payment into Website)

```
<meta charset="UTF-8">
```

```
<form method="post" name="payfast" id="payfast" target="_top"
action=" ../afs_payments/afs_payfast /afs_payfast.php">
```

```
<script type="text/javascript">
```

```
// Price with 2 decimals
var m = [PRICE];
montant = m.toFixed(2);
```

```
// We get WSX5 variables
```

```
orderid = "[ORDER_NO]";
email = "[EMAIL]";
name = "[NAME]";
lastname= "[LASTNAME]";
address1 = "[ADDRESS1]";
address2 = "[ADDRESS2]";
city = "[CITY]";
country = "[COUNTRY]";
zippostalcode = "[ZIPPOSTALCODE]";
isocountry = "[COUNTRYCODE]";
phone = "[PHONE]";
mobilephone = "[MOBILE]";
```



```
company = "[COMPANY]";
```

```
// We fullfill form fields
```

```
document.getElementById('amount').value = montant;  
document.getElementById('orderid').value = orderid;  
document.getElementById('email').value = email;  
document.getElementById('name').value = name;  
document.getElementById('lastname').value = lastname;  
document.getElementById('address1').value = address1;  
document.getElementById('address2').value = address2;  
document.getElementById('country').value = country;  
document.getElementById('city').value = city;  
document.getElementById('zippostalcode').value = zippostalcode;  
document.getElementById('company').value = company;  
document.getElementById('isocountry').value = isocountry;  
document.getElementById('phone').value = phone;  
document.getElementById('mobilephone').value = mobilephone;
```

```
// We initialize AFS cookie with order ID
```

```
document.cookie = 'afs_payment='+ orderid + '; path=/';
```

```
</script>
```

```
<input type="hidden" id="image" href="" src="../../cart/images/logo- payfast.png" target=_blank  
name="clicImage"/>
```

```
<input type='hidden' id='amount' name='amount' size='10'value=''><br><br>  
<input type='hidden' id='company' name='company' size='30'value=''><br><br>  
<input type='hidden' id='orderid' name='orderid' size='10'value=''><br><br>  
<input type='hidden' id='email' name='email' size='10'value=''><br><br>  
<input type='hidden' id='name' name='name' size='10'value=''><br><br>
```

```
<input type='hidden' id='lastname' name='lastname' size='10'value=''><br><br>  
<input type='hidden' id='address1' name='address1' size='10'value=''><br><br>  
<input type='hidden' id='address2' name='address2' size='10'value=''><br><br>  
<input type='hidden' id='city' name='city' size='10'value=''><br><br>  
<input type='hidden' id='country' name='country' size='10'value=''><br><br>  
<input type='hidden' id='zippostalcode' name='zippostalcode' size='10'value=''>  
<input type='hidden' id='isocountry' name='isocountry' size='2'value=''>  
<input type='hidden' id='phone' name='phone' size='25'value=''>  
<input type='hidden' id='mobilephone' name='mobilephone' size='25'value=''>
```

```
</form>
```




```
<script language="javascript">
  setTimeout(confirmation, 15000);

  function confirmation() {
    document.getElementById('payfast').submit();
  }
</script>
```

Redirection will be automatic with the above javascript code.

Automatic redirection to the payment site with the optional 'click'

With the previous script you have the possibility to put a picture into the mode type = "**image**" to display it and this will also give you the possibility to 'click' on it before the timeout-period runs-out to go to the payment site.

```
<input type="image" id="image" href="" src="https://wsx5demo.afsoftware.fr/cart/images/logo-1-simplepay.png" target=_blank name="clikImage"/>
```

Do not forget to change paths by yours like explained into chapter: How to integrate custom payment into Website)

The full script will be:

```
<meta charset="UTF-8">
```

```
<form method="post" name="payfast" id="payfast" target="_top"
action=" ../afs_payments/afs_payfast /afs_payfast.php">
```

```
<script type="text/javascript">
```

```
// Price with 2 decimals
var m = [PRICE];
montant = m.toFixed(2);
```



```
// We get WSX5 variables
```

```
orderid = "[ORDER_NO]";  
email = "[EMAIL]";  
name = "[NAME]";  
lastname= "[LASTNAME]";  
address1 = "[ADDRESS1]";  
address2 = "[ADDRESS2]";  
city = "[CITY]";  
country = "[COUNTRY]";  
zippostalcode = "[ZIPPOSTALCODE]";  
isocountry = "[COUNTRYCODE]";  
phone = "[PHONE]";  
mobilephone = "[MOBILE]";  
company = "[COMPANY]";
```

```
// We fullfill form fields
```

```
document.getElementById('amount').value = montant;  
document.getElementById('orderid').value = orderid;  
document.getElementById('email').value = email;  
document.getElementById('name').value = name;  
document.getElementById('lastname').value = lastname;  
document.getElementById('address1').value = address1;  
document.getElementById('address2').value = address2;  
document.getElementById('country').value = country;  
document.getElementById('city').value = city;  
document.getElementById('zippostalcode').value = zippostalcode;
```

```
document.getElementById('company').value = company;  
document.getElementById('isocountry').value = isocountry;  
document.getElementById('phone').value = phone;  
document.getElementById('mobilephone').value = mobilephone;
```

```
// We initialize AFS cookie with order ID
```

```
document.cookie = 'afs_payment='+ orderid + '; path=/';
```

```
</script>
```

```
<input type="image" id="image" href="" src="../../cart/images/logo-payfast.png" target=_blank  
name="cllcImage"/>
```

```
<input type='hidden' id='amount' name='amount' size='10'value=''><br><br>  
<input type='hidden' id='company' name='company' size='30'value=''><br><br>  
<input type='hidden' id='orderid' name='orderid' size='10'value=''><br><br>  
<input type='hidden' id='email' name='email' size='10'value=''><br><br>  
<input type='hidden' id='name' name='name' size='10'value=''><br><br>
```



```
<input type='hidden' id='lastname' name='lastname' size='10'value=''><br><br>
<input type='hidden' id='address1' name='address1' size='10'value=''><br><br>
<input type='hidden' id='address2' name='address2' size='10'value=''><br><br>
<input type='hidden' id='city' name='city' size='10'value=''><br><br>
<input type='hidden' id='country' name='country' size='10'value=''><br><br>
<input type='hidden' id='zippostalcode' name='zippostalcode' size='10'value=''>
<input type='hidden' id='isocountry' name='isocountry' size='2'value=''>
<input type='hidden' id='phone' name='phone' size='25'value=''>
<input type='hidden' id='mobilephone' name='mobilephone' size='25'value=''>
```

```
</form>
```

```
<script language="javascript">
    setTimeout(confirmation, 15000);

    function confirmation() {
        document.getElementById('payfast').submit();
    }
</script>
```

In this situation, after presenting with the order confirmation page, the user/buyer could see the message with the explanation of the automatic redirection to the payment gateway (with the progress bar displayed). The buyer/user has the possibility to go to the payment site right away by clicking on the image - without needing to wait for the automatic-redirection!

12. How to display a progress bar for an automatic payment?

A nice feature during an automatic payment is to display a progress bar before to be redirected to the payment site.

Below is an example on how to integrate this option in the **payment gateway form** (check chapter: How to integrate custom payment into Website) .

In this case, the progress bar is configured for 15 seconds time-delay.

NOTE: AF Software **does not support** the changing or further customization of the below script! You need to have the knowledge to change anything.

AF Software could customize the script to your liking for additional fee!



Please do not forget to change paths by yours (bold parts of the script) - like explained into chapter: How to integrate custom payment into Website)

```
<meta charset="UTF-8">
```

```
<form method="post" name="payfast" id="payfast" target="_top"
action="../afs_payments/afs_payfast /afs_payfast.php">
```

```
<script type="text/javascript">
```

```
// Price with 2 decimals
var m = [PRICE];
montant = m.toFixed(2);
```

```
// We get WSX5 variables
```

```
orderid = "[ORDER_NO]";
email = "[EMAIL]";
name = "[NAME]";
lastname= "[LASTNAME]";
address1 = "[ADDRESS1]";
address2 = "[ADDRESS2]";
city = "[CITY]";
country = "[COUNTRY]";
zippostalcode = "[ZIPPOSTALCODE]";
isocountry = "[COUNTRYCODE]";
phone = "[PHONE]";
mobilephone = "[MOBILE]";
company = "[COMPANY]";
```

```
// We fullfill form fields
```

```
document.getElementById('amount').value = montant;
document.getElementById('orderid').value = orderid;
document.getElementById('email').value = email;
document.getElementById('name').value = name;
document.getElementById('lastname').value = lastname;
document.getElementById('address1').value = address1;
document.getElementById('address2').value = address2;
document.getElementById('country').value = country;
document.getElementById('city').value = city;
document.getElementById('zippostalcode').value = zippostalcode;
document.getElementById('company').value = company;
document.getElementById('isocountry').value = isocountry;
document.getElementById('phone').value = phone;
document.getElementById('mobilephone').value = mobilephone;
```



```
// We initialize AFS cookie with order ID
```

```
document.cookie = 'afs_payment='+ orderid + '; path=/';
```

```
</script>
```

```
<input type="image" id="image" href="" src="../../cart/images/logo-payfast.png" target=_blank  
name="clikImage"/>
```

```
<!-- BEGIN for progress bar for 10s -->
```

```
<!--
```

```
You change the number of second of the progress bar by changing the ratio variable only
```

```
<script>
```

```
var ratio = 1; /* 10 s by default
```

```
var ratio = 3; /* for 30 s
```

```
var ratio = 0.5; /* for 5 s
```

```
-->
```

```
<style>
```

```
#progressbar
```

```
{
```

```
width:100px;
```

```
padding:1px;
```

```
background-color:white;
```

```
border:1px solid grey;
```

```
height:10px;
```

```
text-align: center;
```

```
margin-left:auto;
```

```
margin-right:auto;
```

```
}
```

```
#indicator
```

```
{
```

```
width:0px;
```

```
background-color:#cc0000;
```

```
height:10px;
```

```
margin:0;
```

```
}
```

```
</style>
```

```
<script>
```

```
// To change the number of seconds change ratio value
```

```
var ratio = 1; // 10 s by default
```



```
var maxprogress = 100 * ratio;  
var actualprogress = 0;  
var itv = 0;
```

```
function prog()  
{  
  if(actualprogress >= maxprogress / ratio )  
  {  
    clearInterval(itv);  
    return;  
  }  
  
  actualprogress += 1 / ratio;  
  indicator.style.width=actualprogress + "px";  
  if(actualprogress == maxprogress) clearInterval(itv);  
  
}  
  
</script>
```

```
<div id="pwidget">
```

```
  <div id="progressbar">  
    <div id="indicator">  
      </div>  
    </div>  
  </div>
```

```
<script>
```

```
setInterval(prog, 100);  
</script>
```

```
<!-- END of progress bar code for 10s -->
```

```
<input type='hidden' id='amount' name='amount' size='10'value=''><br><br>  
<input type='hidden' id='company' name='company' size='30'value=''><br><br>  
<input type='hidden' id='orderid' name='orderid' size='10'value=''><br><br>  
<input type='hidden' id='email' name='email' size='10'value=''><br><br>  
<input type='hidden' id='name' name='name' size='10'value=''><br><br>  
<input type='hidden' id='lastname' name='lastname' size='10'value=''><br><br>  
<input type='hidden' id='address1' name='address1' size='10'value=''><br><br>  
<input type='hidden' id='address2' name='address2' size='10'value=''><br><br>  
<input type='hidden' id='city' name='city' size='10'value=''><br><br>  
<input type='hidden' id='country' name='country' size='10'value=''><br><br>  
<input type='hidden' id='zippostalcode' name='zippostalcode' size='10'value=''>  
<input type='hidden' id='isocountry' name='isocountry' size='2'value=''>  
<input type='hidden' id='phone' name='phone' size='25'value=''>  
<input type='hidden' id='mobilephone' name='mobilephone' size='25'value=''>  
  
</form>
```






```
<script language="javascript">
  setTimeout(confirmation, 15000);

  function confirmation() {
    document.getElementById('payfast').submit();
  }
</script>
```



13. What happens when an order is OK?

If you have properly configured your payment gateway, the next explains the events upon the **successful payment via payfast:**

<input type="radio"/> 	Iyzico Payment Play with it. We are in a Sandbox - (click here for Testing Credit Cards)	0.00 €
<input type="radio"/> 	GoPay Payment Play with it. We are in a Sandbox - (click here for Testing Credit Cards)	0.00 €
<input checked="" type="radio"/> 	PayFast Payment Play with it. We are in a Sandbox	0.00 €

Précédent

Suivant

And when this order is finished:



Numéro de commande:	Date de la commande:	Total:
AFS-22-72211	Mar 19 Avr 2022	23.00 €

PayFast Payment



Bonjour,

Nous vous remercions de votre commande.

Rester sur cette page car vous allez être **redirigé automatiquement vers le site du paiement** dans 15 secondes.
Ou cliquez sur l'image ci dessous !

Dès réception de votre paiement, votre commande sera traitée.

Vous pouvez nous contacter sur info@afsoftware.fr

Cordialement
Toute l'équipe



By clicking on the image you'll go directly to the payment page to finalize your payment and order.
You can see on the image below that the price is retrieved by the PayFast payment system.



PayFast Checkout Demo

localhost

Order AFS-22-45667

Order From: Order from WSX5 demo website

✓ Buyer First Name: André

✓ Buyer Last Name: Simonin

✓ Buyer Email: axel@afsoftware.fr

TOTAL

R 249.00

Pay Now

Here you need to confirm the payment (Please BE PATIENT, the bank page is sometimes very long - few long seconds - before to be displayed) !



Secured and powered by **PayFast**
A GMO Company

You're in the sandbox. This is a **testing environment** used to ensure correct integration with PayFast. If unexpected, please contact the merchant you are trying to pay to resolve the matter.

Order from WSX5 demo website	
Payment total:	R 21.00

Wallet funds

You have a balance of R 1,264,986,414.34

Complete Payment

From balance -R 21.00
Remaining balance R 1,264,986,393.34


Cancel transaction


And the result of a good payment is the following:

Secured and powered by **PayFast**
A GMO Company

You're in the sandbox. This is a **testing environment** used to ensure correct integration with PayFast. If unexpected, please contact the merchant you are trying to pay to resolve the matter.

Order from WSX5 demo website	
Subtotal:	R 21.00
Wallet funds:	- R 21.00
Payment total:	R 0.00





Your payment was successful!

We have sent a receipt of your payment to sbtu01@payfast.co.za

You will be redirected back to the merchant shortly

Back to

And upon pay now validation – your payment is done, and you go back to the website return page for payment OK.



WSX5 Demo

(Not responsive) - Created with **Pro v2021.4.5**

.fr

Home

Updates

Boutik

MyAccount

Congratulation.... Your payment is successful !!!

**Your order
AFS -21-86174
is already in our hands !!!**



14. Message from the PayFast payment gateway upon the successful payment

After successful payment we do not receive any email from the bank into sandbox mode.



15. How to change the sandbox mode to production mode ?

You can change the mode of usage of PayFast custom plugin directly into your **afs_config.php** file with the following parameter:

Just change the **\$AFS_Sandbox** into **afs_config.php** to switch between the sandbox or production mode.

DO NOT CHANGE URL's into parameters

```
$AFS_Bank_URL_Test = 'sandbox.payfast.co.za';           /* DO NOT CHANGE */  
$AFS_Bank_URL_Production = 'www.payfast.co.za';       /* DO NOT CHANGE */
```

And check if your Return URL's are always good and the same.

```
$AFS_URL_Return = 'http://localhost/wsx5demo/afs_payments/afs_payfast/afs_return.php';  
$AFS_Page_Payment_Error = 'http://localhost/wsx5demo/afs_payment_error.html';  
$AFS_Page_Payment_Success = 'http://localhost/wsx5demo/afs_payment_ok.html';
```



16. How to configure ITN / Webhook

The payment notification (**Instant Transaction Notification** – ITN) frequently named webhook, is the message that is sent to the merchant **\$AFS_URL_Notify** parameter into your `afs_config.php` which was provided on checkout. By using the information sent back in the ITN, the merchant application will be able to perform security checks, verify that the order hasn't already been processed and complete the order processes.

To configure the ITN you just need to add the good URL where to localize the **afs_notify.php** file. In our example this parameter into your `afs_config.php` file will be:

```
$AFS_URL_Notify = 'https://wsx5demo.afsoftware.fr/afs_payments/afs_payfast/afs_notify.php';
```

In case of successful payment and ITN you will have the following into your dashboard into the ITN's section

877080	2022-04-17 19:19:05	https://www.afsoftware.fr/deleteme/payfast/example s/custom/notify.php	Completed	Success	...
877079	2022-04-17 19:17:10	https://www.afsoftware.fr/deleteme/payfast/example s/custom/notify.php	Completed	Success	...
877078	2022-04-17 19:06:57	https://www.afsoftware.fr/deleteme/payfast/example s/custom/notify.php	Completed	Success	...

ITN is not mandatory to use the module. So if you not configure or do a mistake into your ITN configuration you will have the next into your dashboard into the ITN's section. But the payment is accepted but the transaction is less secure between you website and the bank server.

All received ITNs ?					
ID	Created	URL	Status	Result	Actions
877083	2022-04-17 19:32:50	https://www.afsoftware.fr/deleteme/payfast/example s/custom/notify.php	Pending QUEUE	cURL Error	...



17. How to use the debug mode?

You can use the Debug mode for technical purposes and issues. AF Software will help you on this in the case of any problem with the plugin.

To activate the debug mode you need to change the **\$AFS_Debug** variable into **afs_config.php** file

```
/* For testing/Debug purpose ONLY */
```

```
$AFS_Debug = '0'; /* = 0 or 1 : debug = 0 for production. Check documentation */
```

By using these modes some new information will be displayed on the page. And to continue it is mandatory to click on the button at the bottom of the page to go to the payment site.

All parameters necessary to do the payment will be here, for checking and debugging (see below):

The display will be:



PayFast Checkout Demo

localhost

Order AFS-22-48278

Debug Mode ON

!Payload to generate signature :

merchant_id=10025909&merchant_key=6

!Signature : 01b3fa870ab6128279989ffa8f90eebc

! Merchant_ID : 10025909

!Merchant_Key : 6ghwn9v2m9yph

TOTAL

R 127.00

Pay Now



When the debugging process is over, do not forget to change the settings of the debugging mode into afs_config.php file and to go back to mode 0 !



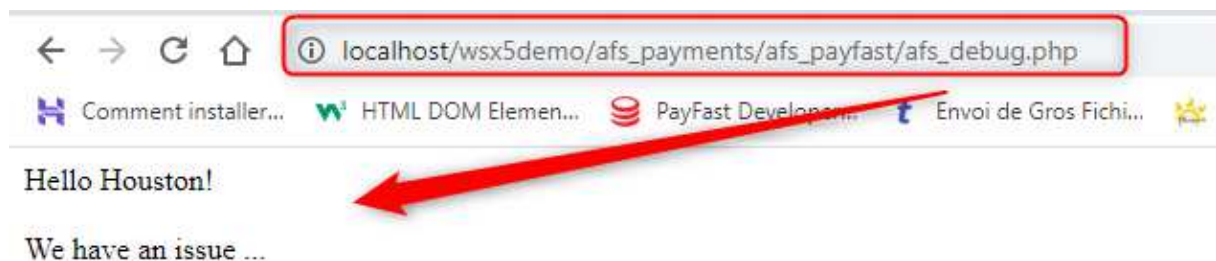
18. How to use the afs_debug.php file to have deeper information ?

Another way for the debugging is to use the afs_debug.php file provides with the custom plugin. The advantage of this option is to have possibility to have some debug information remotely just by an external php file.

You need to use the file directly into your payment URL like in your browser like by example:

https://www.mydomain.com/afs_payments/afs_mypayment/afs_debug.php

But with this syntax it is not enough and you will get only a message which explains that the file does not run correctly.



To run correctly this file is protected by an unlock code, to avoid to anyone to use it. The unlocking code is:

AFS_DEbUG-21=AFS_DEbUG-21

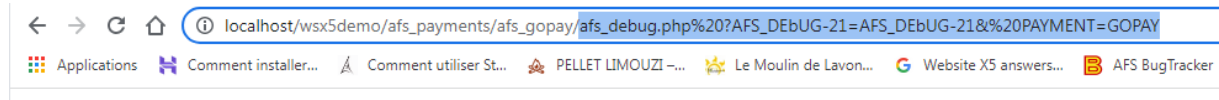
And also you need to provide the payment name, so here the variable will be:

PAYMENT= PAYFAST

So now to use correctly the afs_debug.php file please use the URL like below.



https://www.mydomain.com/afs_payments/afs_mypayment/afs_debug.php?AFS_DEbUG-21=AFS_DEbUG-21& PAYMENT=PAYFAST



And the next page will be displayed.



Generic Debug Tool for PAYFAST

www.afsoftware.fr

Version: 2022.9

[Print results](#)

SYSTEM PARAMETERS

PHP Version: 7.4.11

Full URL: http://localhost/wsx5demo/afs_payments/afs_payfast/afs_debug.php?AFS_DEBUG-21=AFS_DEBUG-21&PAYMENT=I

User OS Name: Mozilla/5.0 (Windows NT 6.1; Win64; x64) AppleWebKit/537.36 (KHTML, like Gecko) Chrome/100.0.4896.88 S

Server OS Name: Windows NT AXEL-PC 6.1 build 7601 (Windows 7 Professional Edition Service Pack 1) AMD64

PLUGIN PARAMETERS

Merchant ID: 10025909

AFS Magic Number: 12244899

afs_alertbox.php: 8d7494bd7143432701b26013c2ea9280

afs_functions.php: e3083ac8fa41d2a019d6acd730bb7bdc

afs_functions.js: 2dca3568ddf71271b07a68bc3aa7c221

afs_licence.key: d59fa063a13987cd30643c8e15823de1

Payment Name: PAYFAST

afs_payfast.php: 838049429c6a958dc4acada1168fa711

afs_notify.php: 89654589cb2e98a7ea96ae0fe9b498b2

:
:
:
:
:
:

Return URL OK: https://wsx5demo.afsoftware.fr/afs_payment_ok.html

Return URL Refused/Error: none

Return URL Cancelled: https://wsx5demo.afsoftware.fr/afs_payment_error.html

Return URL Boutik: none

Return URL Other (if exists - \$AFS_URL_Notify): https://www.afsoftware.fr/deleteme/payfast/examples/custom/afs_notify.php

vendor directory: OK

Debug Mode: 1

LICENSE INFOS (You need to activate debug mode into afs_config.php file)

Type License: FULL

Expiration Date: 20220518

Lic1: 1

Lic2: 0

Lic3: 0

PLUGIN DIRECTORY

1 = afs_alertbox.php -----(size = 46054 bytes) ----- Date: 2022 April 19 - 11:41:31
2 = afs_config.php -----(size = 2720 bytes) ----- Date: 2022 April 19 - 11:41:31
3 = afs_debug.php -----(size = 16660 bytes) ----- Date: 2022 April 19 - 11:41:31
4 = afs_functions.js -----(size = 3053 bytes) ----- Date: 2022 April 19 - 11:41:31
5 = afs_functions.php -----(size = 12699 bytes) ----- Date: 2022 April 19 - 11:41:31
6 = afs_licence.key -----(size = 6960 bytes) ----- Date: 2022 April 19 - 11:41:31
7 = afs_notify.php -----(size = 1693 bytes) ----- Date: 2022 April 19 - 11:41:31
8 = afs_payfast.php -----(size = 13608 bytes) ----- Date: 2022 April 19 - 11:41:31
9 = css -----(size = 0 bytes) ----- Date: 2022 April 19 - 11:05:44
10 = img -----(size = 0 bytes) ----- Date: 2022 April 19 - 11:05:44
11 = vendor -----(size = 4096 bytes) ----- Date: 2022 April 19 - 11:13:10

[Print results](#)

End of Debug !



All information here are useful for AF Software in case of issue.

You can save the page by a right click and save as; and choose a txt.file or print it directly with a PDF creator like a printer if you have it.



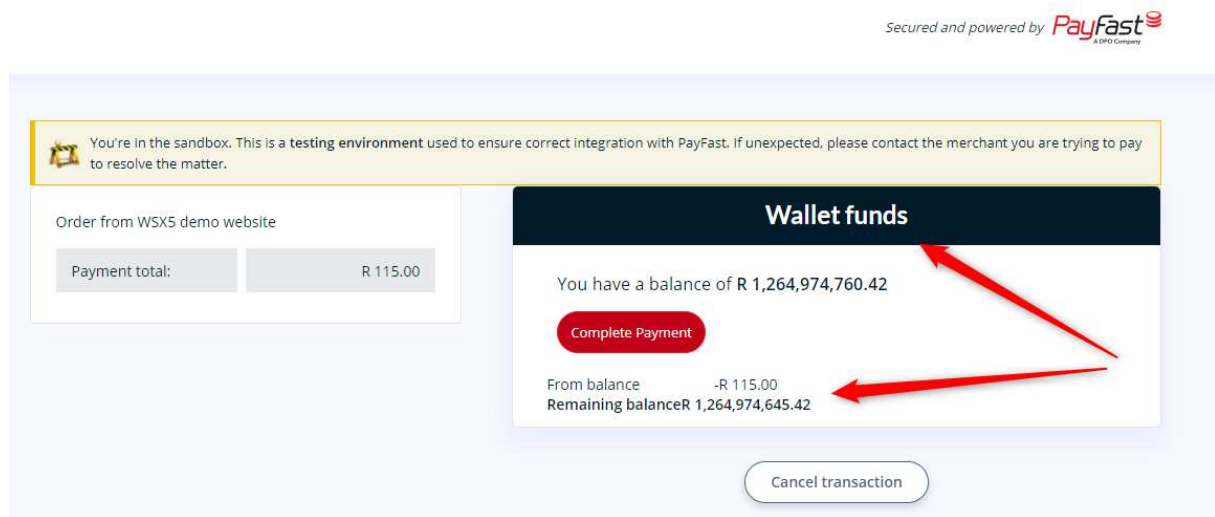
19. How to change the currency of the payment system?

There is no way to change the currency which is the **South Africa Rand (R or RAND)** by default. The currency is configured by the bank.



20. How to change the payment method ?

By **default the payment method** into the **sandbox** mode is based on a **wallet** like shown below.



This setting is the default setting into sandbox mode, and no possibility to change for other payment method.

So the choosing of payment method is available only into production mode like shown below.

PayFast facilitates payment by Visa and Mastercard credit cards, cheque cards and debit cards, Instant EFT (via Internet Banking), Mobicred, Masterpass, SCode, RCS Store Cards, SnapScan and Zapper.

Below a capture of **production dashboard**



PayFast

A Safaricom Company

Your Store Name

Store Admin

Dashboard

Transactions

Payout

Reports

Payment Request

Settings

Payment Settings

Recurring Billing

Integrations

Generate "Pay Now" buttons

Developer Settings

Display Settings

Account

Business Funding

My Buyer Account

Logout

Settings

Payment Settings

Set up and manage your PayFast payment settings. Enable the payment methods that you would like to offer your customers at checkout.

Split Payments

Enable Split Payments: Enabled

Allowed merchants

12345678

Add Merchant

Remove merchant

Payment Methods:

Debit Card

Disabled

Transaction fee: 3.5% + R 2.00

Minimum amount: R 5.00

Maximum amount: R 50,000.00

VISA

Edit

Instant EFT

Disabled

Transaction fee: 3.5% + R 2.00

Minimum amount: R 5.00

Maximum amount: R 50,000.00

InstantEFT

Edit

Credit Card

Enabled

Transaction fee: 3.5% + R 2.00

Minimum amount: R 5.00

Maximum amount: R 50,000.00

Allowed countries: South Africa, Botswana, Zimbabwe...

VISA

Edit

Zapper

Disabled

Transaction fee: 3.5% + R 2.00

Minimum amount: R 5.00

Maximum amount: R 50,000.00

zapper

Edit

Masterpass

Disabled

Transaction fee: 3.5% + R 2.00

Minimum amount: R 5.00

Maximum amount: R 50,000.00

masterpass

Edit

Cash Deposit

Enabled

Transaction fee: 3.5% + R 2.00

Minimum amount: R 5.00

Maximum amount: R 50,000.00

CashDeposit

Edit

Mobicred

Disabled

Mobicred application required. How do I apply?

Status: No application

Transaction fee: 3.5% + R 2.00

Minimum amount: R 5.00

Maximum amount: R 50,000.00

mobicred

Edit

SCode

Enabled

Transaction fee: 3.5% + R 2.00

Minimum amount: R 5.00

Maximum amount: R 50,000.00

S C O D E

Edit

All reproduction and distribution rights reserved
French Cyberdefence Agreement

<https://www.afsoftware.fr>

Page 57 sur 82



21. How to change the look & feel of the checkout page ?

If you have enough knowledge with the CSS code , so you change the look & feel of the checkout page.

This part is not **supported by AF Software** !

Before to change anything, we recommend to **save the main.css** file under **css** directory. After you can change many option into the main.css file



22. How to generate my evaluation key?

After the reception of your private code - you can unlock the key generator to create your evaluation key file. Useful parameters are below.



Welcome to AF Software Keygen Generator

You are in User mode

All fields are mandatory !

Expiration Date (Default 30 days):

Website Name:

Company code (delivered by the bank):

Company code - (to check it) :

Company Name:

Email Contact:

- 1 - Your website name (www.mywebname.com) where the plug-in will be installed
- 2 - Merchant ID or company code or API Key provided by the Payfast (The secret key received by Payfast is not used here)
- 3 - Insert it again for the verification purposes (Merchant ID or company code or API key) provided by the Payfast
- 4 - Company name
- 5 - Contact email

All fields are mandatory to generate your license key file!

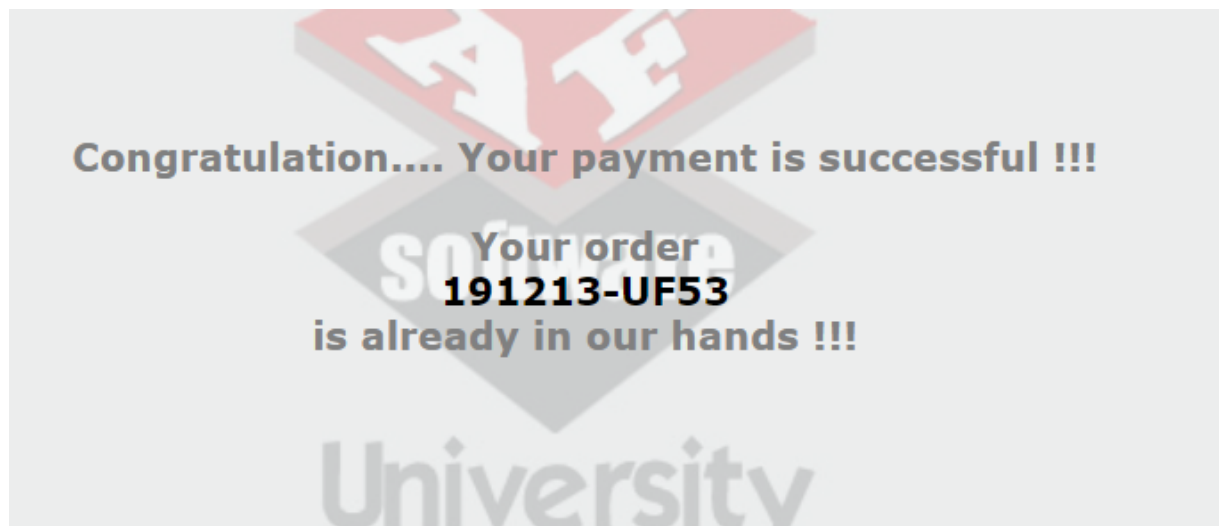


23. How to configure the return page after a payment OK ?

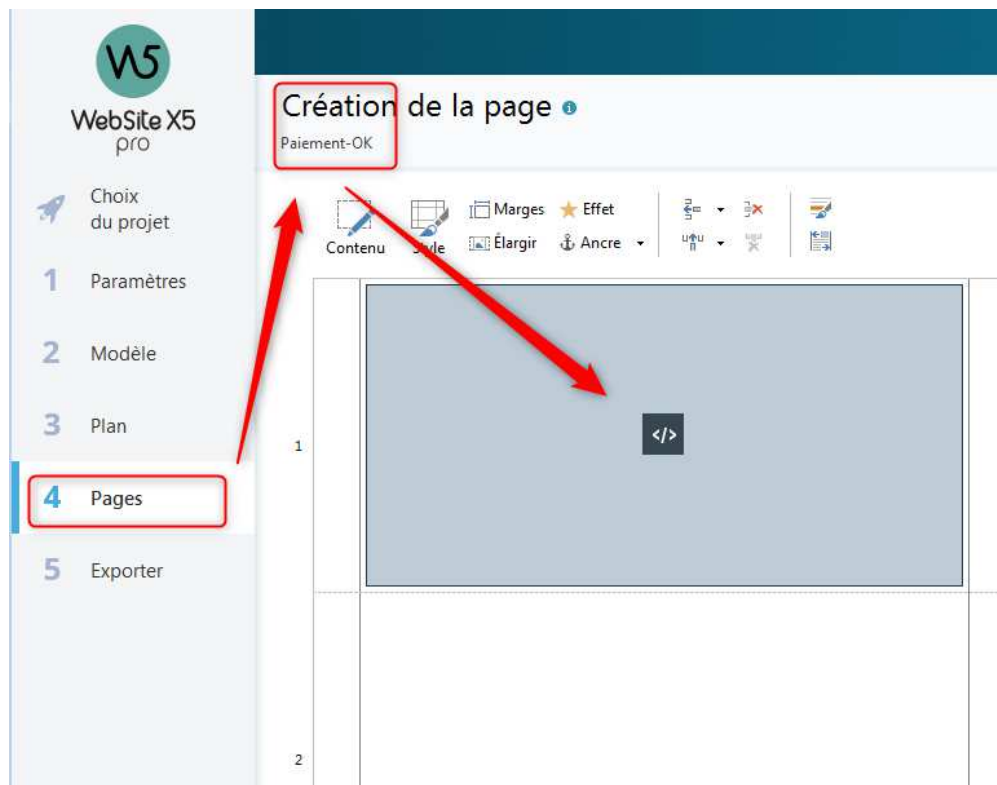
By default into Website X5 software it is not possible to get the order ID upon the payment.

Here we offer you a solution to configure the return OK page (within the HTML object) and to retrieve the order ID to display it on the page by using a cookie initialized during a payment

By example our return OK page is displayed as below:



You need to use an HTML object in the return OK page:



And we add the next HTML code into our page to display message and order ID by reading a cookie.

```
<style>
```

```
/* Pour aligner le texte au centre */
```

```
section#afsoftware
```

```
{
```

```
    text-align: center;    /* Ajouté par AFS */
```

```
    margin-left:auto; /* Ajouté par AFS */
```

```
    margin-right:auto; /* Ajouté par AFS */
```

```
}
```

```
</style>
```

```
<!-- Pour récupérer le cookie -->
```

```
<script>
```

```
    function getCookie(name)
```

```
{
```

```
    var re = new RegExp(name + "=(^;)+");
```

```
    var value = re.exec(document.cookie);
```

```
    return (value != null) ? value[1] : null;
```

```
}
```



```
var num_order = getCookie('afs_payment');
</script>

<!-- Pour afficher le message -->

<section id="afsoftware">
<div id="afs" >

<!-- Pour debug -->
<input type="hidden" id="order" value="demo">

<strong>
<font face="Verdana" color="grey">
<span style="font-size:16pt;">

<br><br>
  Congratulation.... Your payment is successful !!!
<br><br>

  Your order

  <font face="Verdana" color="black">
  <p id="texte">dddd</p>
  </font>
  is already in our hands !!!
</span>
</font>
</strong>

</div>
</section>

<!-- Pour réécrire les champs avec le numéro de commande dans le cookie -->
<script>
document.getElementById('order').value = num_order;
document.getElementById('texte').innerHTML = num_order;
</script>
```

You can change this HTML code.

No support is offered by AF Software for any text-object customization!

This return page will be **configured** into your **afs_config.php** file.

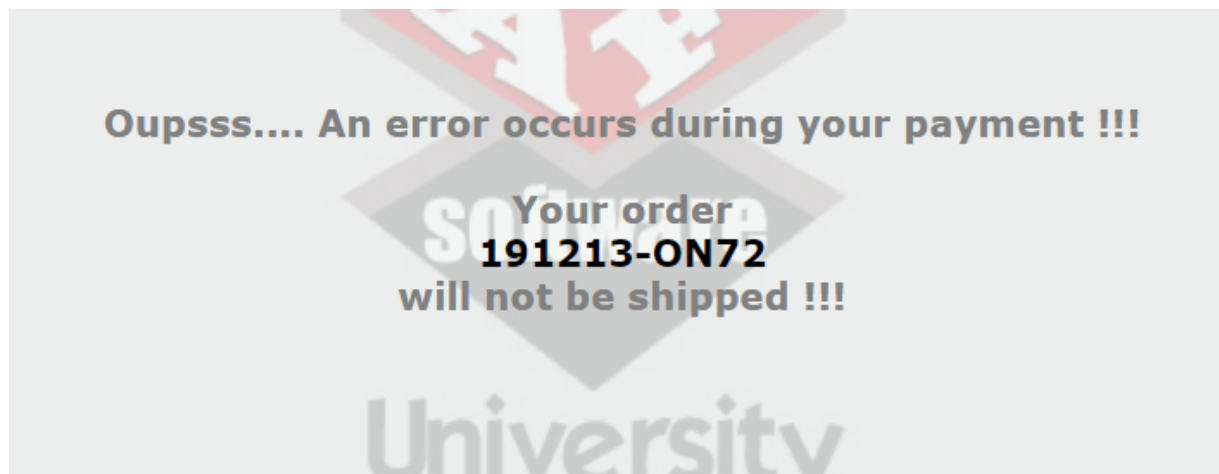


24. How to configure the return page after a payment Not OK?

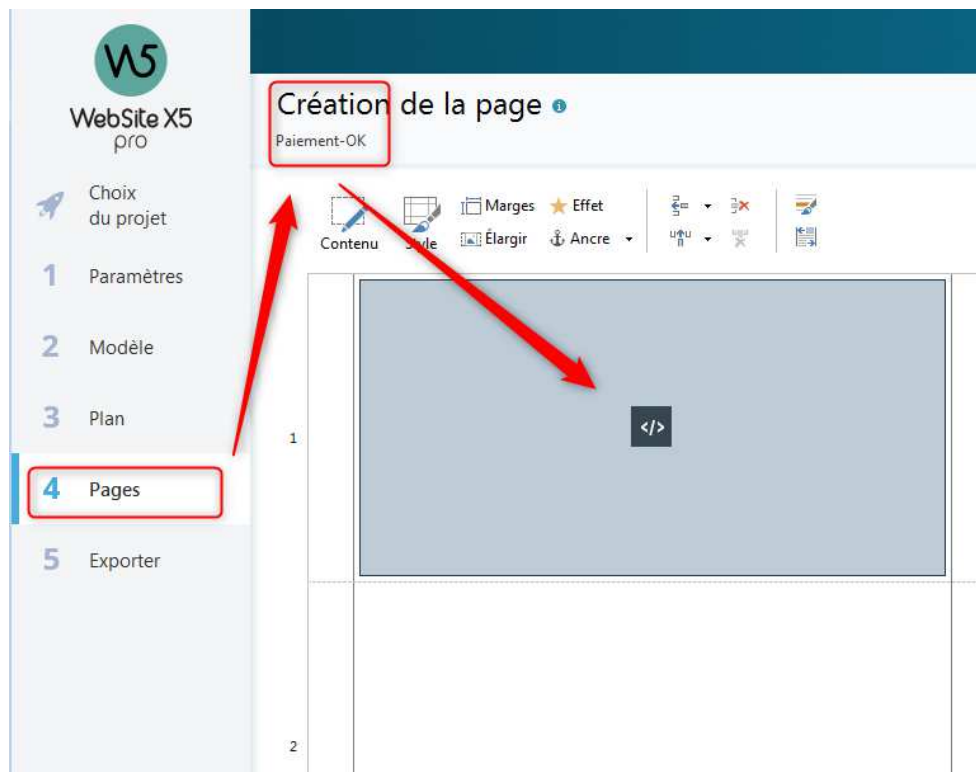
By default into Webiste X5 it is not possible to get the order ID after a payment.

Here we can offer you the solution to configure the return NOT OK page by an HTML object and to retrieve the order ID to display it on the page by using a cookie initialized during a payment.

In our case, the return OK page is displayed like below:



We need to use a HTML object into the return OK page:



And we add the next HTML code into our page to display message and order ID by reading a cookie.

```
<style>
```

```
/* Pour aligner le texte au centre */
```

```
section#afsoftware
```

```
{
```

```
    text-align: center;    /* Ajouté par AFS */
```

```
    margin-left:auto; /* Ajouté par AFS */
```

```
    margin-right:auto; /* Ajouté par AFS */
```

```
}
```

```
</style>
```

```
<!-- Pour récupérer le cookie -->
```

```
<script>
```




```
function getCookie(name)
{
    var re = new RegExp(name + "([^\;]+)");
    var value = re.exec(document.cookie);
    return (value != null) ? value[1] : null;
}
var num_order = getCookie('afs_payment');
</script>

<!-- Pour afficher le message -->
<section id="afsoftware">

<div id="afs" >
<!-- Pour debug -->

<input type="hidden" id="order" value="demo">
<strong>
<font face="Verdana" color="grey">
<span style="font-size:16pt;">
<br><br>
    Oupsss.... An error occurs during your payment !!!

<br><br>
    Your order
<font face="Verdana" color="black">
<p id="texte">N° de commande</p>
</font>

will not be shipped !!!

</span>
</font>
</strong>
</div>

</section>

<!-- Pour réécrire les champs avec le numéro de commande dans le cookie -->

<script>
document.getElementById('order').value = num_order;
document.getElementById('texte').innerHTML = num_order;
</script>
```

You can make changes in this HTML code but please note that there is no FREE support from AF Software for any code customization!

This return page will be **configured** into your **afs_config.php** file.



25. How to initialize the order-cookie?

The cookie initialization is done directly into the code in your custom payment window.

The line is normally already in place:

document.cookie = 'afs_payment='+ reference + '; path=/';

Général Coût **Type** Message e-mail

Choisissez une méthode de paiement parmi celles disponibles.

☐ Payer plus tard
Ce type de paiement est effectué par le client à un moment postérieur à la commande (par ex. virement bancaire).

☒ Payer maintenant

Type de paiement :

Code HTML pour le bouton 'Payer maintenant' :

```
40
41
42 // Bug fixed in v2013.14 . Hidden works fine
43 document.getElementById('montant').type = 'hidden';
44
45 // On initialise le cookie avec le No de commande
46
47 document.cookie = 'afs_payment='+ reference + '; path=/';
48
49 </script>
50
51 <input type="image" id="image" href="" src="../../cart/images
52 /logo-payzen-1.png" target="_blank" name="clicImage"/>
53
54
55 <!-- Ci dessous pour progress bar de 15s -->
```



26. How to use afs_cookiechecker.php tool?

In your unzipped directory you will find the afs_cookiechecker.php which is useful to check if the order-cookie is correctly initialized during an order. This cookie will be used in your return pages if you follow our recommendations to get it.

This cookie is initialized into custom payment form by the following line:

```
document.cookie = 'afs_payment='+ reference + '; path=/';
```

With this line we can create a cookie during the payment process with the order ID.

This cookie will be annulled by the end of the session.

If you use our return page option descriptions in HTML, you can have some HTML errors in your code and not be able to read the cookie right.

To check if the cookie is readable - you can use this AF Software tool to help you read it and to display its content or to display an error if the cookie has not been created correctly during the payment process.

To check if the cookie exists, we recommend to copy the **afs_cookiechecker.php** file into the afs_payments directory by example and to continue to load the file manually directly with its URL.

You need to make an order, go through the payment process and then test if you will be redirected to the return URL (OK or not OK return page). From this point you need to use the URL manually to check your cookie.

For example, use the URL with the following syntax in your browser's address bar (of course, use your own URL which contains your domain name in the code).

https://www.monsite.com/afs_payments/afs_cookiechecker.php?cookieName=afs_payment

IMPORTANT:

Use this URL from the return URL window upon the payment! Remember, the cookie is created during the payment - so the usage of this URL in other windows will not work!



Cookie is correctly detected by afs_cookiechecker.php

If the cookie is correctly detected by the tool - the next window will be displayed:



Waouuuuu !!!!

**Votre cookie est détecté !!!
Your cookie is detected !!!**

**Son contenu est:
his content is :**

191213-HP51

www.afsoftware.fr

(c) 2019 - Cookiechecker v 1.1



Cookie is not correctly detected by afs_cookiechecker.php

If the cookie is not correctly detected by the tool - the next window will be displayed:



Hoooooooo !!!!

**Votre cookie n'est pas détecté !!!
Your cookie is not detected !!!**

www.afsoftware.fr

(c) 2019 - Cookiechecker v 1.1

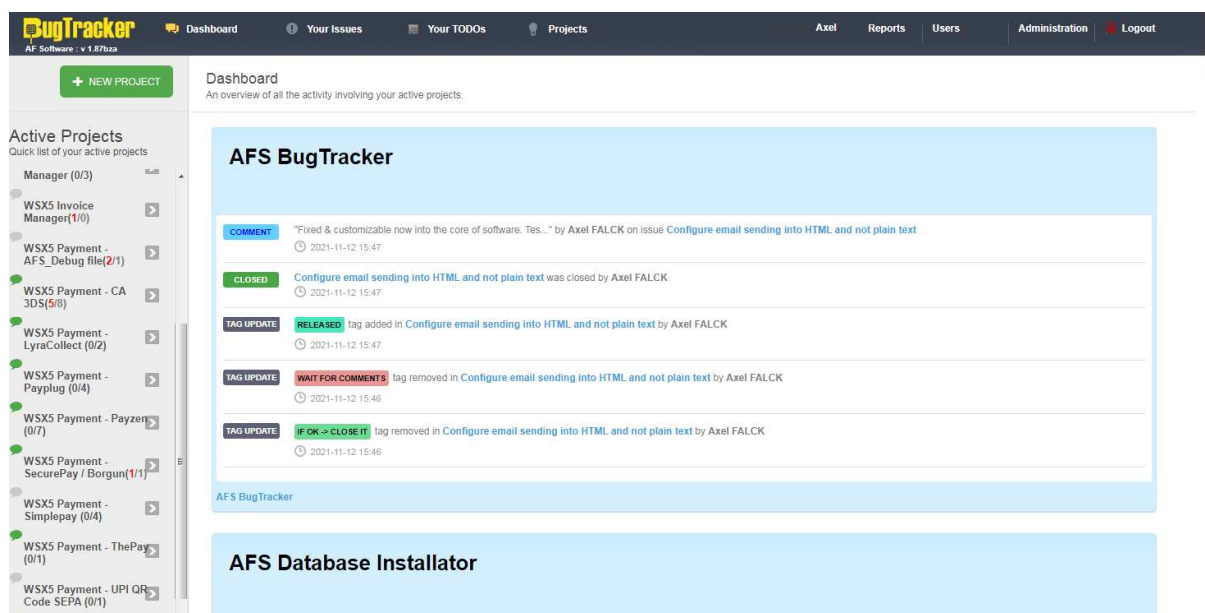


27. Access to the AFS BugTracker tool

When you will have bought your custom payment plugin, you will have a free access to our AFS BugTracker tool to follow-up news and features directly from your browser.

You will have a subscription to your custom payment plugin part, and also to all other projects inside AFS BugTracker.

The screen will be similary with the project list on the road.



And the ticket follow-up will presented like below.



BugTracker AF Software - v 1.87b2a

Dashboard Your Issues Your TODOs Projects Axel Reports Users Administration Logout

Projects

Search

Project's tickets
WSX5 Payment - CA 3DS
Assign users and edit the project

5 Open Issues
8 Closed Issues

Assigned Users
Users assigned to this project

Axel FALCK
István Deák
David Renault
Amélie Liegeois

Assign a user

Wiki - Help
Create project

WSX5 Payment - CA 3DS
Project Overview

+ NEW ISSUE

Activity 5 Open Issues 8 Closed Issues 5 Issues Assigned To You 0 Ticket to come

Tags
Joker : %
Sort By: This ticket importance beside all others desc
Filters: Assigned to Created at
24/02/2021 24/02/2022
Show Results

#62 **Error FATAL DBG-CC001: Company Code with lifetime license**
Created By Axel FALCK - Updated By AxelFALCK 4 weeks ago - Assigned to Axel FALCK
BUGS FIXED LOCALLY TESTED AND FINE OPEN WAIT FOR COMMENTS 1

#63 **Add PBX_SHOPPINGCART & PBX_BILLING into the code asked by the bank**
Created By Axel FALCK - Updated By AxelFALCK 6 hours ago - Assigned to Axel FALCK
BUGS LOCALLY TESTED AND FINE ON HOLD OPEN WAIT FOR COMMENTS 2 FIXED 6

#64 **Need to control the max value of PBX_SHOPPINGCART**
Created By Axel FALCK - Updated By AxelFALCK 3 weeks ago - Assigned to Axel FALCK
FIXED LOCALLY TESTED AND FINE NOT A BUG BUT CONFIG OPEN WAIT FOR COMMENTS 2

At any time you can add your comment on any ticket.



Error FATAL DBG-CC001: Company Code with lifetime license

On Project WSX5 Payment - CA 3DS

[+ NEW ISSUE](#)

Percentage done :  99%

Days passed (days) :  32 / 30

Follow ☒ New comment
☒ Attached ☒ Retaged

BUG **FIXED** **LOCALLY TESTED AND FINE** **OPEN** **WAIT FOR COMMENTS**

Axel FALCK opened this issue 2022-01-24 16:46

After installation of a lifetime licence the follgin message is displayed:
FATAL DBG-CC001: Company Code: xyxyxyxyx



This message does not appears with a trial licence.

Worktime ON

Fixed tag added by Axel FALCK 2022-01-28 14:44

Locally tested and fine tag added by Axel FALCK 2022-01-28 14:44

Wait for comments tag added by Axel FALCK 2022-01-28 14:44















Axel FALCK Commented 2022-01-28 14:44  

Fixed into v2022.1
Wait for feedback

Work time 1h

Comment on this issue:

Assigned to Axel FALCK  | [Close Issue](#)

body

Percentage of work done : % This ticket importance beside all others :

Today's work (hours) :

Tags
Joker : % *

Attach a file

Comment

Comment & close Issue

You will receive automatically an email when your subscription will be ready into AFS BugTracker. No action from you is necessary to have a free access.

URL of AFS BugTracker will be sent to you into your welcome email.



28. Known Errors

We recommend to check our external documentation "**AFS Troubleshooting Guide**" to have more information on known issues and how to fix them.

- **Fatal error and afs_functions.php corrupted**

This error has been encountered during some bad transfers between your machine and the hosted machine. Please try again to do an export. Check the documentation to force to re-send the files with WSX5.

This error does not appear with all provider.

If the error persists, try to export the following files via a FTP client into a binary mode.

- **afs_alertbox.php**
- **afs_functions.js**
- **afs_functions.php**
- **afs_licence.key**

We have found that an export with net2ftp web application is transferring the PHP file into ASCII mode. And this mode is the cause of the fatal error message. If the **transfer** is done into **BINARY** mode the **plugin is running fine**.

So it is not again an issue with the plugin itself, but with the FTP transfer mode.

More information are here: <https://library.panic.com/transmit/transmit5/transfer-mode/> and <https://hosting.xyz/wiki/hosting/ftp/clients/total-commander/binary-ftp/>

If you can, try to use **sFTP protocol** which works **only** into **binary** mode (check with your provider if it is supported on your hosted machine).

And if You are using external FTP client, do not forget to activate the binary mode before.

Please read also our external documentation "**AFS - Troubleshooting Guide**" for more information



- **The Merchant ID must be 8 digits**

During your payment you receive this message through a 400 HTML error.

The following information provided by the seller is invalid:

➖ merchant_id: The merchant id must be 8 digits.

Please check the character numbers of your Merchant ID into afs_config.php file

- **Invalid Merchant key**

During your payment you receive this message through a 400 HTML error.

The following information provided by the seller is invalid:

➖ merchant_key: Invalid merchant key

Please check your Merchant ID into afs_config.php file



- **Merchant Key must be 13 characters**

During your payment you receive this message through a 400 HTML error.

The following information provided by the seller is invalid:

❌ merchant_key: The merchant key must be 13 characters.

Please check the character numbers of your Merchant Key into afs_config.php file

- **This merchant account is currently not able to receive payments**

During your payment you receive this message through a 400 HTML error.

There was a problem with:

❌ This merchant account is currently not able to receive payments.

Please check the sandbox mode into afs_config.php file. probably you have have activated a production mode and your merchant ID is not ready for production mode.



- **Generated signature does not match submitted signature**

During your payment you receive this message through a 400 HTML error.

The following information provided by the seller is invalid:

— signature: Generated signature does not match submitted signature.

Please check your passphrase into afs_config.php file

This one must be the same into your PayFast Dashboard like below AND into your afs_config.php file.

Often an issue is generated when the parameter \$AFS_Payment_Method into afs_config.php file has been initialized.
Into sandbox mode this parameter MUST BE blank. Into production mode generally the choice of the payment method is done through the Dashboard.

You can check the checkout signature by yourself.

At first you need to set the debug mode to 1 into afs_config.php file.
Restart a payment to have the checkout displaying into debug mode and copy the Payload.



Checkout Demo

Order AFS-2022-162

✓ Buyer Email: axel@afsoftware.fr

Debug Mode ON

!Payload to generate signature :

`merchant_id=10025909&merchant_key=6`

!Signature : c03c8266038195fb87540c48d579b574

! Merchant_ID : 10025909

!Merchant Key : 6qhwn9v2m9vnh

TOTAL

R 173

Pay Now

In our example the payload is:

You can see into the payload all parameters used to generate the signature.



merchant_id=10025909&merchant_key=6ghwn9v2m9yph&return_url=https%3A%2F%2Fwsx5demo.afsoftware.fr%2Fpaiement-ok.html&cancel_url=https%3A%2F%2Fwsx5demo.afsoftware.fr%2Fpaiement-error.html&name_first=Axel&name_last=Falck&email_address=axel%40afsoftware.fr&m_payment_id=AFS-2022-162&amount=173.00&item_name=Order+from+WSX5+demo+website&passphrase=afsoftwar
e2022

In the debug checkout, you can see also the signature.

Checkout Demo

Order AFS-2022-162

✓ Buyer Email: axel@afsoftware.fr

Debug Mode ON

!Payload to generate signature :

merchant_id=10025909&merchant_key=6

!Signature : c03c8266038195fb87540c48d579b574

! Merchant_ID : 10025909

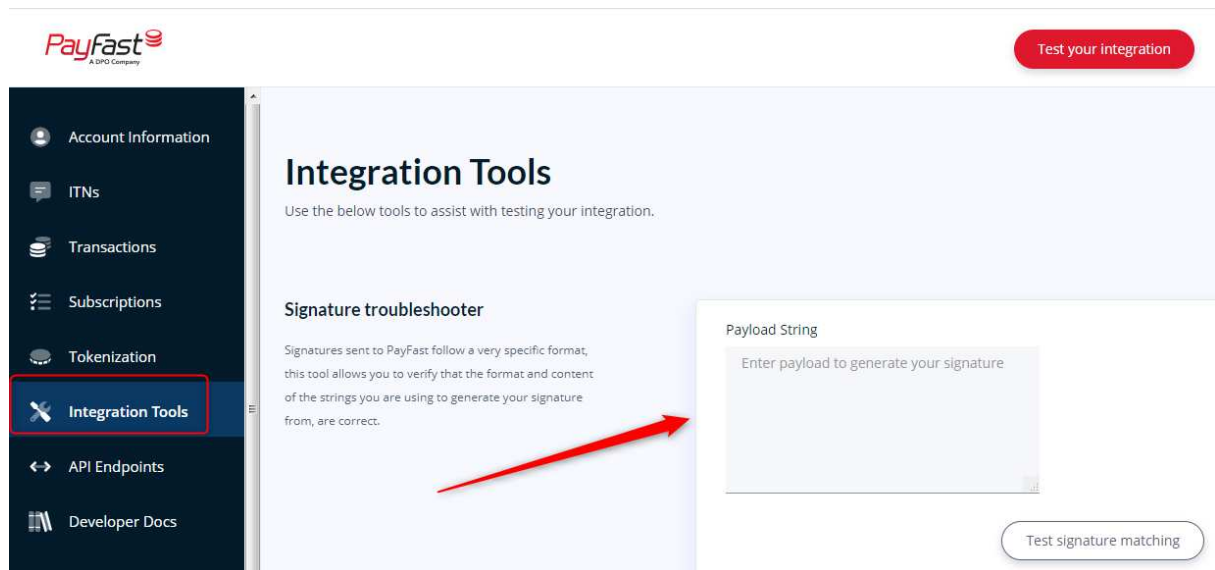
! Merchant Key : 6ghwn9v2m9vnh

TOTAL

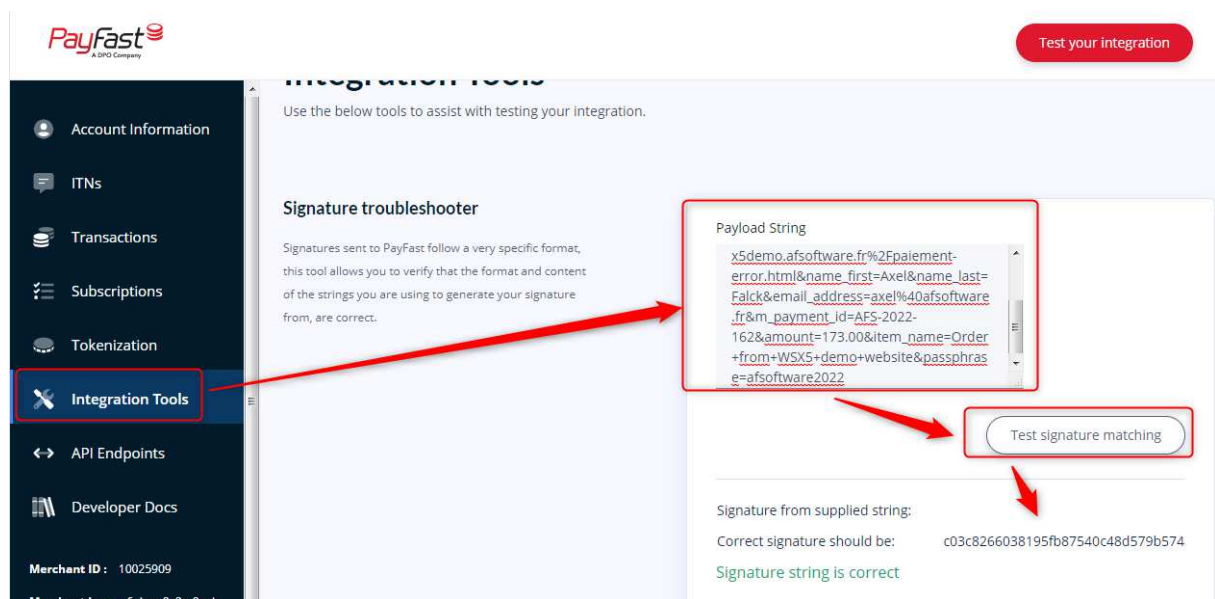
R 173

Pay Now

Now from the dashboard you can check directly your payload to see if the generated signature will be the same. To work fine obviously calculation MUST be the same from the checkout form and the bank system.



Here you paste your payload string and you click on Test signature matching




And here the signature generated from the dashboard matches with the signature calculated with the checkout form



- **Bad displaying of the checkout page**

The checkout page has an abnormal displaying like below.


PayFast Checkout Demo
localhost

Order AFS-2022-162

Order From: Order from WSX5 demo website

✓ Buyer First Name: Axel

✓ Buyer Last Name: Falck

✓ Buyer Email: axel@afsoftware.fr

Total

R 148

It is probably an issue with the CSS code of your plugin. Please check if you have exported correctly (into your HTML object) the **main.css under his directory css** like below. The main.css file **MUST** be exported **under his css directory**

Or you have done some modification into the main css file and something is wrong. reinstall the original file.



29. License errors

If you get some license errors, please check:

- If **afs_licence.key** file is **present** into your custom payment **directory** on the **web server**
- If license key file is spelled **afs_licence.key** and **not** **afs_license.key**



30. More information

You can get more information directly from the payment-provider site on the URL below:

<https://developers.payfast.co.za/docs#home>

https://developers.payfast.co.za/docs#test_transaction_setup

<https://support.payfast.co.za/portal/en/home>

<https://www.payfast.co.za/registration>

<https://support.payfast.co.za/portal/en/kb/articles/navigate-your-payfast-dashboard>