

# Create a custom template



This documentation allows you to create and use a custom payment page template.

## Summary

- [Summary](#)
- [Context](#)
- [On each payment page, a template](#)
- [Templates for merchants \(archive\)](#)
- [Contents Template archive](#)
  - [Composition from the beginning](#)
  - [Composing the Pictures folder](#)
- [Update MerchandID \(MID\)](#)
  - [Template Security – Permitted Links & Prohibited Elements](#)
- [Create a Template Archive](#)
- [Testing template](#)
- [Customization steps](#)
- [Questions](#)

## Context

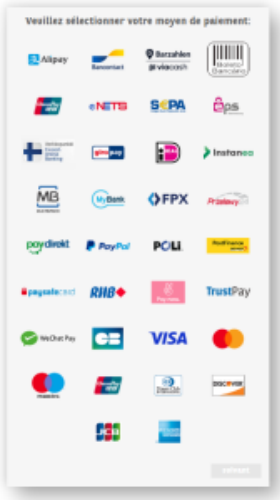
AXEPTA provides merchants with the payment templates pages . These can be customized by adding graphic elements or texts.



Once the custom Template is created, it must be uploaded via the Back-Office in the [Template Manager](#) tab.

At the end of this step, the merchant can specify, in the payment request ("Template" parameter), the custom Template he wants to display.

## On each payment page, a template

There are 2 types of AXEPTA payment pages

Name	Endpoints	Expectation	Templates Standard AXEPTA	Custom merchant templates (e. g. BNP_DEMO_AXEPTA)
Form for choosing payment methods	<a href="#">paymentpage.aspx</a>		PaymentPageLogos_BNP_v1	BNP_DEMO_AXEPTA_SelectionV1_PaymentPage

			PaymentPageDrop Down_BNP_v1	BNP_DEMO_AXEPTA_DropdownV 1_PaymentPage
Card payment form	<a href="#">payssl.aspx</a>		Cards_BNP_V1	BNP_DEMO_AXEPTA_CardsV1_P aySSL

## Templates for merchants (archive)

The download link can be provided by the support (on demand).

## Contents Template archive

### Composition from the beginning

File organization and naming are the same for PaymentPage and PaySSL.



The files are named such as:

- XML : {MerchantID}\_{TemplateName + version}\_{TemplateType}
- XLS : {MerchantID}\_{TemplateName + version}\_{TemplateType}
- Image : images\_{TemplateName + version}\_{MerchantID}

**Note** XML and XSL files have the same name, the version has to be added to the TemplateName

To call the template, the following parameter has to be added Template = {MerchantID}\_{TemplateName + version}



#### With BNP\_DEMO\_AXEPTA

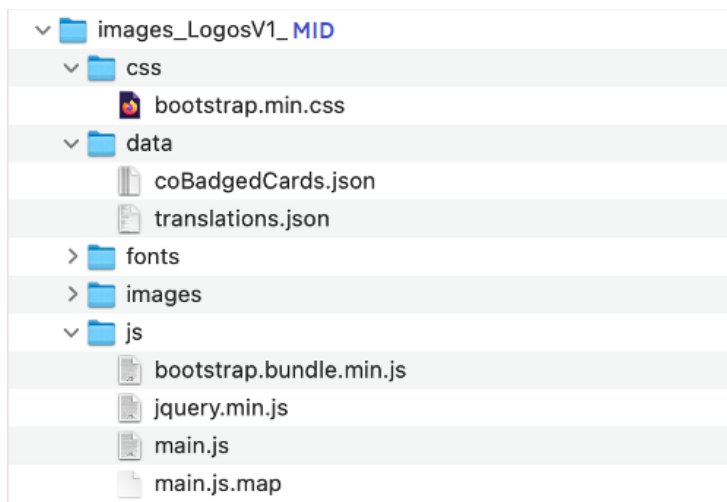
In our example, this gives:

- {MerchantID} : BNP\_DEMO\_AXEPTA
- {TemplateName + version} : CardsV1
- {TemplateType} : PaySSL ou PaymentPage

At the template root BNP\_DEMO\_AXEPTA :

- Un fichier XML : BNP\_DEMO\_AXEPTA\_CardsV1\_PaySSL
- Un fichier XSL : BNP\_DEMO\_AXEPTA\_CardsV1\_PaySSL
- Un dossier : images\_CardsV1\_BNP\_DEMO\_AXEPTA

## Composing the Pictures folder



The image folder must contain the following directories & files:

- css: Contains the project's CSS file
- data: this contains the files:
  - coBadgedCards.json file: contains information for the proper functioning of the card payment form.
  - File: translations.json: Contains all translations
- fonts: Contains font files
- images: Contains images
- js: Contains JS files

# Update MerchandID (MID)

In order to modify the **MerchandID** and TemplateName, it is necessary to rename the files/folders as follows:

- XML : {**MerchantID**}\_{TemplateName + version}\_{**TemplateType**}
- XLS : {**MerchantID**}\_{TemplateName + version}\_{**TemplateType**}
- Image : images\_{TemplateName + version}\_{**MerchantID**}

Once the file names have been changed, it is necessary to modify the links using these files.

They are present in the files :

- XML
- XLS
- Image/js/main.js

The easiest way to update the paths present in these files is to search/replace in a text editor.



## Template Security – Permitted Links & Prohibited Elements

For security reasons, only these permitted links redirect to specific websites (e.g. to refer to terms and conditions, ...):

- [bnpparibas.com](https://bnpparibas.com)
- [visa.com](https://visa.com)
- [mastercard.com](https://mastercard.com)

and this following elements need to be avoided in XML & XSL pages:

- @
- <&
- data:
- document.write
- xmlhttprequest
- window.open

# Create a Template Archive

In order to upload the template via [Template Manager](#), you need to create an archive containing this three elements (XML, XLS and image folder) at the root.

Be careful, you must archive the three elements by selecting them when creating the archive and not the parent folder archive.

This archive should be named as follows: TemplateYYYYMMDD001MerchandID:

- Template: Allows you to indicate that it is a template
- YYYYMMDD: The date of the day of upload
- 001: The version number. This must be incremented with each new upload for a given day
- MerchandID: The merchant's ID.

Exemple : Template20220624003BNP\_DEMO\_AXEPTA.zip

# Testing template

Once the archive is created, the merchant can test the template display.

- Upload of the Template archive in the Template Manager of the Axepta Back-Office - cf. [Template Manager](#).

- Calling the Template in payment requests via `paymentpage.aspx` or `payssl.aspx`
  - Using the Template parameter: `Template = {MerchantID}_{TemplateName + version}`



#### BNP\_DEMO\_AXEPTA exemple

`https://paymentpage.axepta.bnpparibas/payssl.aspx?`

`MerchantID=BNP_DEMO_AXEPTA&Len=291&DATA=43ad07f58ff6a5f9ebbdd42e361d2c85ce4ad41fcd63c697c9ca59076fb5cb782237a2e862a97bb24d949911bb701d698dfed6901f1bcb92404f53b8f5336525167ac5b8a9b89c5fb88d79967366e99e59d95f3f0c37126a52495115e28f938e76748a5dc703f7ccbdac6ccb4fc253b255c06e0df990fdd94f4313ec2b94142f9978adb9d1079a36a9dbb83e9638e3e58a124d532ece1b7bc175fa340bd0c73c33d4f78374420091e90735bb014a5163d86bfe38795decacf0358075a85c0fbf80c5535046e7f8df64d204c7a4755e07700d4d17c9ef0bdc6e8bbd9c377e3ee0493a0ad2d3a9a624d693d04fe0bdfb3ebb2ef5badb63291ab8d7ad29b4f19b2b0f87dbc0bdb38f282816fe694ac2d512ba741d76a830b2083232246763aa006472661aeb2acf126&Template={MerchantID}_{TemplateName + version}`

## Customization steps

Customization is done by several steps:

- customize add-on files:
  - Design & Features: CSS & javascript
  - Images, fonts...
- Adding files to the 'images' directory
- Adding references (paths) to the XML file in the Template folder
- Update of the MID and the name of the template that will be used when calling the payment page
- Creating the Template archive
- Test the Template
- Use the Template in payment requests



The creation of custom template can be operate by web integrator, a web agency or an IT department.

## Questions

Question	Answer
Is it possible to upload several templates?	The merchant is able to get several Templates enabled at the same time.
Can I use the Template parameter when using the POST method when calling <code>paymentpage.aspx</code> or <code>payssl.aspx</code> ?	Yes, the Template parameter can be used (unencrypted).
Is it possible to use customFields and a custom template?	Yes, if the template fonctionnalities has not been removed yet .