Template Manager in AXEPTA Back-Office

ℹ️ TemplateManager allows upload and management of templates for Hosted Payment Page, PaySSL and PaySDD.

ℹ️ **"Optional" flag**

Functions that are flagged as "optional" within Axepta Backoffice might not be enabled within Axepta Backoffice you are using. Axepta Support will be happy to enable these functions for you when necessary.

Introduction

Templates can be used to customize the payment forms available in Axepta. There are three different payment forms available:

Form	Endpoint	Description
Hosted Payment Page	paymentpage.aspx	The Hosted Payment Page displays all supported paymethods that are configured for your specific MerchantId. In case of credit card payments the Credit Card Form is then finally used.
Credit Card Form	payssl.aspx	The Credit Card Form is used to customize credit card payments via endpoint payssl.aspx.
Direct Debit Form	paysdd.aspx	The Direct Debit Form is used to customize direct debit payments via endpoint paysdd.aspx.

TemplateManager process

With our TemplateManager you are able to do this all on your own and nearly in real-time:

- upload your template file into TemplateManager
- the file is automatically scanned for syntax errors
- if check is ok the template file is distributed to the Axepta web servers
- you can see the result in TemplateManager and you are automatically informed via email.

Details of process and scan results can be found below.

Usage of TemplateManager

The template manager form looks like this:

Accessing TemplateManager

Select "Administration" (1) and "TemplateManager" (2) to see the TemplateManager form.

🛈 your MerchantId and user needs specific permission

Uploading new template

To upload a new template file pls. select "Template-file upload" (3).

Please select the desired template file (8) and select either the TemplateId you would like to override or add a new template (9). Finally confirm upload (10).

The template is uploaded and upload is confirmed with:

Template20220128202TemplateTest.zip successfully uploaded.
It will now be processed further and could take a few minutes to show up in the overview.

The template is immediately scanned and displayed in the list of uploaded templates after pressing button "Search and Filter".

If scanning process detected an error you will see a message like this:

Error while uploading Template20220128201TemplateTest.zip

FirstChecksNOK:
- FIRSTCHECKS_IMAGES_FOLDER_MISSING

Please check the template documentation for more information about the error codes.

Further error messages can be found here: TemplateManager error messages

Template requirements

> ⓘ **Some notes on specific requirements for usage of TemplateManager**
>
> - you can only upload template files for your own MerchantId
> - if you want to provide templates for other MerchantIds you need to upload and pretest with your own MerchantId; then inform Axepta Support that your template should be available for other merchants, too.
> - the maximum size per template is limited to 5 MByte
> - the template name and structure have to follow a pattern described below.

Naming conventions

The template file itself is a ZIP file which has to follow this naming convention Template*YearMonthDay**Version**MerchantID*.zip with:

Part	Description
Template	Indicating that the file is a XSLT-Template
YearMonthDay	Date of that file, please use current date in format yyyymmdd, e.g. 20220128
Version	3 digit version number. The version number is not checked and not enforced to be in a sequence. For your own structure we recommend to use sequence numbers like this: <table><tr><th>Version</th><th></th></tr><tr><td>000 - 099</td><td>for your own usage, no specific meaning</td></tr><tr><td>100 - 199</td><td>range used for Payment Page templates (i.e. templates for paymentpage.aspx)</td></tr><tr><td>200 - 299</td><td>range used for Credit Card templates (i.e. templates for payssl.aspx)</td></tr><tr><td>300 - 399</td><td>range used for Direct Debit templates (i.e. templates for paysdd.aspx)</td></tr></table>
MerchantID	This must be your own MerchantId, case-sensitive ! e.g. MyMerchantId – as displayed in , e.g.:
.zip	The template file must be packed as a ZIP file – without password, ...

Template Structure

You may add an additional text into your template to upload multiple templates for different purpose / usage. By this it is possible to have

- one set of templates for common use, e.g.
  - MerchantId_PaymentPage.xsl + xml
  - MerchantId_PaySSL.xsl + xml
  - MerchantId_PaySDD.xsl + xml
- specific set of templates for SpecificCustomerJourney
  - MerchantId_SpecificCustomerJourney_PaymentPage.xsl + xml
  - MerchantId_SpecificCustomerJourney_PaySSL.xsl + xml
  - MerchantId_SpecificCustomerJourney_PaySDD.xsl + xml

The ZIP-file has to contain this structure:

Filenames	Common directory structure

Payment Page template	Each ZIP file has to use this directory structure:

Payment Page template

XSL-Template: **Merch antID_PaymentPage.xsl**
XML-Textdatei: **Mercha ntID_PaymentPage.xml**

XSL-Template mit Freitext: **Me rchantID_MyPurpose_Paymen tPage.xsl**
XML-Template mit Freitext: **Me rchantID_MyPurpose_Paymen tPage.xml**

Credit Card template (PaySSL)

XSL-Template: **Merch antID_PaySSL.xsl**
XML-Textdatei: **Mercha ntID_PaySSL.xml**

XSL-Template mit Freitext: **Me rchantID_MyPurpose_PaySSL. xsl**
XML-Template mit Freitext: **Me rchantID_MyPurpose_PaySSL. xml**

Direct Debit template (PaySDD)

XSL-Template: **Merch antID_PaySDD.xsl**
XML-Textdatei: **Mercha ntID_PaySDD.xml**

XSL-Template mit Freitext: **Me rchantID_MyPurpose_PaySDD .xsl**
XML-Template mit Freitext: **Me rchantID_MyPurpose_PaySDD .xml**

Each ZIP file has to use this directory structure:

- **/**
- **./**
- **css/**
- **images/**
- **js/**
- **paygate/**
- **templates/**

Additionally a directory "data" can be used, e.g. to store translations.

Top level:

TemplateTest_MyPurpose_PaySSL.xsl	25.01.2022 15:42
TemplateTest_MyPurpose_PaySSL.xml	25.01.2022 15:42
images_MyPurpose_TemplateTest	28.01.2022 09:56

Sub directory:

css	28.01.2022 09:56
data	28.01.2022 09:56
fonts	28.01.2022 09:56
images	28.01.2022 09:56
js	28.01.2022 09:56

Template Security – allowed links and tokens

For security reasons links are only allowed to specific websites (e.g. to refer to terms and conditions, imprint, ...):

- bnpparibas.com
- visa.com
- mastercard.com

and these CData tokens are not allowed within XML, XSL:

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

Appendix

Template Manager error messages

Classification	Scanning message	Cause	Advise

General	CONNECTION_ERROR	- Loss of internet connection - Timeout while processing of template file - Processing error	- Please check internet connection and repeat upload - If you still have issues, please contact Axepta Helpdesk
FirstChecks	FIRSTCHECKS_FILEEXTENSION_NOT_ALLOWED	Template file is not a ZIP-file	Please pack your template directory as a ZIP-file - without password and upload new file
	FIRSTCHECKS_FILESIZE_TO_BIG	Template file is too big	Please ensure that your template file is not larger than 5 MByte
	FIRSTCHECKS_FILENAME_TO_SHORT	Template filename is too short	Please check filename of your template file, see Naming conventions
	FIRSTCHECKS_VALUE_TEMPLATE_MISSING_IN_FILENAME	Fixed value "Template" is missing in filename	
	FIRSTCHECKS_VALUE_DATE_NOT_CORRECT_IN_FILENAME	Value Date (format YYYYMMDD) is missing, has wrong format or does not match todays date.	
	FIRSTCHECKS_VALUE_COUNTER_NOT_CORRECT_IN_FILENAME	Value Counter (i.e. Version) is wrong or missing	
	FIRSTCHECKS_VALUE_MID_NOT_CORRECT_IN_FILENAME	Value MID (i.e. MerchantId) is wrong or missing or does not match your own MerchantId	
	FIRSTCHECKS_IMAGES_FOLDER_MISSING	Folder "images" can not be found	Please check "image" folder of your template file, see Naming conventions
	FIRSTCHECKS_FILE_STRUCTURE_NOT_CORRECT	The XML or XSL file can not be found	Please check XML and XSL file of your template file, see Naming conventions
Scan	SCAN_DATA_FIELD_MISSING	The hidden field "Data" is missing in your XSL file	Please ensure that hidden field "Data" is present
	SCAN_BASE_URLS_NOT_ALLOWED	Tag "xml:base" is used – but not allowed	Please use fill links instead of Base-URL links within your template file
	SCAN_SRC_NOT_ALLOWED	Linking via "src" is used – but not allowed	- Please remove the links - If the links are absolutely required please contact Axepta Support
	SCAN_HREF_NOT_ALLOWED	Linking via "href" is used – but not allowed	
	SCAN_SCRIPT_SOURCE_NOT_ALLOWED	Script file is not found or referenced from external source	Please ensure that the script file location is correct (see Naming conventions) and not referenced /included from external location
	SCAN_SUSPICIOUS_TOKENS_IN_XSL_FILE_FOUND	Suspicious tokens have been found in XSL file	Please ensure not to use forbidden tokens (see Naming conventions)
	SCAN_SUSPICIOUS_TOKENS_IN_XML_FILE_FOUND	Suspicious tokens have been found in XML file	Please ensure not to use forbidden tokens (see Naming conventions)
	SCAN_XML_FILE_INVALID	The XML structure is invalid	Please ensure that the XML-/XSL-file are syntactically valid, see https://www.w3.org/

	SCAN_XSL_FILE_INVALID	• The XSL structure is invalid	
	SCAN_TRANSFORMATION_F AILED	• An error occured while transforming from XML/XSL to XSLT because XML and/or XSL file are not valid	
Distribute	DISTRIBUTE_TEMPLATE_UP LOAD_FAILED	• An error occured while distributing file within cluster	• If you still see this issue, please contact