Template Manager in AXEPTA Back-Office

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

(i) "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.

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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:

View operations	Create proce	sses F	raud prevention	Dashboard	Administration	Logout				
				C	1)	User: Templ	ateTest	Merchant: Te	emplateTest - Tem	plateTest-PM
• User Managem	ient 🕨 User L	.og 🕨 Tei	mplateManager	2						
Search and	l Filter			Ŭ						
Period		F	rom 28/01/2022	00:00:00		Until 28/01/2	022 2	23:59:59)	
Operation chara	acteristics	All result	5		~					
		All portal	S		~					
Template-file	upload	3						4	Search and	l Filter
								-		
1 Template uploa	ad 10 ~	Template	uploads Per Page	e 144 44 Page 1	From 1 🏎 🖦					Ē
Time of upload	▲ Last mod	ified on 🔶	ID	\$	Merchant 🜩	User Name 💠	File name		Portal \$	Status 🔶
28/01/2022 10:35:2	28 28/01/2022	10:35:31	2420eede0bcb4d54	490cfb57b7c64226a	TemplateTest	TemplateTest	Template20	220128202Template	eTest.zip Analytics	ScanOK
1 Template uploa	ad 10 ~	Template	uploads Per Pag	e Ka a Page 1	From 1 🇰 🗰			6	(7)	8

Accessing TemplateManager

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

tyour Merchantld and user needs specific permission

Uploading new template

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

Template-file upload

Choose file	Browse	8	
TemplateUploadID	Upload as new template	9	10
	Upload as new template		Template-file upload
	2420eede0bcb4d5490cfb57b7c64226a		

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.

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

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The template file itself is a ZIP file which has to follow this naming convention TemplateYearMonthDayVersionMerchantID.zip with:

Part	Description					
Template	Indicating the	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 owr	n structure we recommend to use sequence numbers like this:				
	Version					
000 - 099 for your own usage, no specific meaning		for your own usage, no specific meaning				
	100 - 199	range used for Payment Page templates (i.e. templates for paymentpage.aspx)				
	200 - 299	range used for Credit Card templates (i.e. templates for payssl.aspx)				
	300 - 399	range used for Direct Debit templates (i.e. templates for paysdd.aspx)				
MerchantID	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.
 - Merchantld_PaymentPage.xsl + xml
 Merchantld_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:

Common directory structure

Payment Page template	Each ZIP file has to use this directory structure:	
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	 / / css/ images/ js/ paygate/ templates/ Additionally a directory "data" can be used, e.g. to store translations. Top level:	
Credit Card template (PaySSL)	TemplateTest_MyPurpose_PaySSL.xsl	25.01.2022 15:42
XSL-Template: Merch	TemplateTest_MyPurpose_PaySSL.xml	25.01.2022 15:42
antID_PaySSL.xsI XML-Textdatei: Mercha ntID_PaySSL.xml	images_MyPurpose_TemplateTest	28.01.2022 09:56
XSL-Template mit Freitext: Me rchantID_MyPurpose_PaySSL.	Sub directory:	
XML-Template mit Freitext: Me	Css	28.01.2022 09:56
xml	📙 data	28.01.2022 09:56
Direct Debit template	📙 fonts	28.01.2022 09:56
	📙 images	28.01.2022 09:56
ASL-Template: Merch antID_PaySDD.xsl	📜 js	28.01.2022 09:56
XML-Textdate:: Mercha ntID_PaySDD.xml		
XSL-Template mit Freitext: Me rchantID_MyPurpose_PaySDD .xsl XML-Template mit Freitext: Me rchantID_MyPurpose_PaySDD .xml		

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.comvisa.com
- mastercard.com

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

- @
- <&
- data:
- document.write
- xmlhttprequestwindow.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_FILEEXTENS ION_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_T O_SHORT	Template filename is too short	 Please check filename of your template file, see Nami ng conventions
	FIRSTCHECKS_VALUE_TEM PLATE_MISSING_IN_FILENA ME	 Fixed value "Template" is missing in filename 	
	FIRSTCHECKS_VALUE_DAT E_NOT_CORRECT_IN_FILEN AME	 Value Date (format YYYYMMDD) is missing, has wrong format or does not match todays date. 	
	FIRSTCHECKS_VALUE_COU NTER_NOT_CORRECT_IN_FI LENAME	Value Counter (i.e. Version) is wrong or missing	
	FIRSTCHECKS_VALUE_MID_ NOT_CORRECT_IN_FILENA ME	 Value MID (i.e. Merchantld) is wrong or missing or does not match your own Merchantld 	
	FIRSTCHECKS_IMAGES_FO LDER_MISSING	Folder "images" can not be found	Please check "image" folder of your template file, see Naming conventions
	FIRSTCHECKS_FILE_STRUC TURE_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_AL LOWED	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
	SCAN_HREF_NOT_ALLOWED	Linking via "href" is used – but not allowed	Axepta Support
	SCAN_SCRIPT_SOURCE_NO T_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_TOKEN S_IN_XSL_FILE_FOUND	 Suspicious tokens have been found in XSL file 	 Please ensure not to use forbidden tokens (see Namin g conventions)
	SCAN_SUSPICIOUS_TOKEN S_IN_XML_FILE_FOUND	 Suspicious tokens have been found in XML file 	 Please ensure not to use forbidden tokens (see Namin g 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