



# Testing ISO20022 based XML files

Testing Pain.001 and generate simulated Pain.002  
version 2.0



# Automatic test environment for ISO20022 based files

## You have to pass these steps before testing your first payment file, Pain.001

- Sign agreement '**AVTAL om testtjänst för ISO2022-baserade XML-filer**'
- Send the signed printed agreement to:

Swedbank  
Affärssupport Betala  
Box 604  
832 23 Frösön

- Go to url: [eken.validex.net](https://eken.validex.net)
- Press button '**Create account**'
- Fill in your information
- Press button '**Register**'
- When Swedbank has received the posted agreement your account/s will be opened and you can upload files or drag and drop them into the test tool without any limitations.
- If you have questions, please send them to: [filkommunikation@swedbank.se](mailto:filkommunikation@swedbank.se)



# Test accounts

**It is of great importance that you don't use real account numbers or personal ID's in your test files.**

Below you can find Swedbank's test accounts as they are presented for our customers:

8901-1,914 616 842-3

8901-1,914 616 843-1

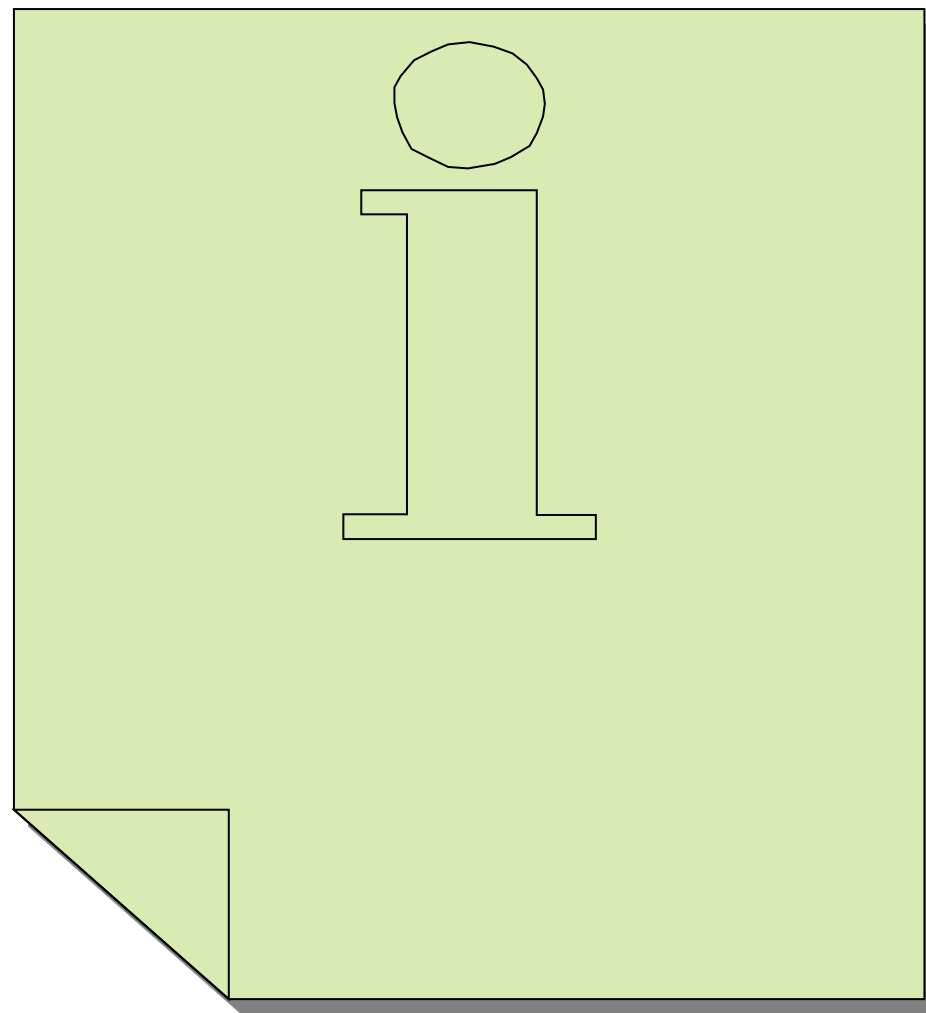
8901-1,914 616 844-9

8901-1,914 616 845-6

8901-1,914 616 846-4

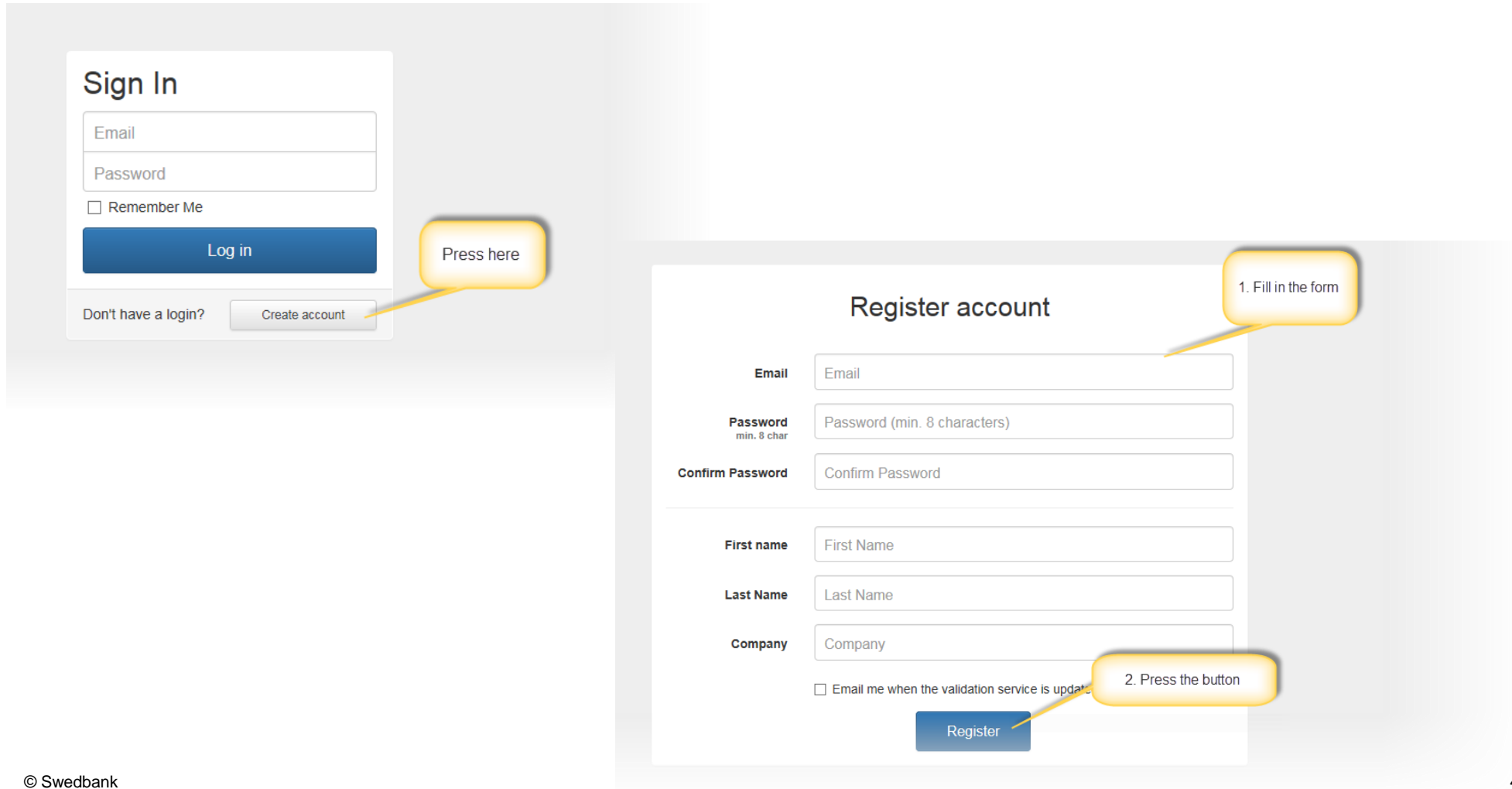
When you put these accounts into the Pain.001 they should be expressed as this, according to the Swedbank Sweden's MIG:

- 890119146168423
- 890119146168431
- 890119146168449
- 890119146168456
- 890119146168464



# Testing for Dummies

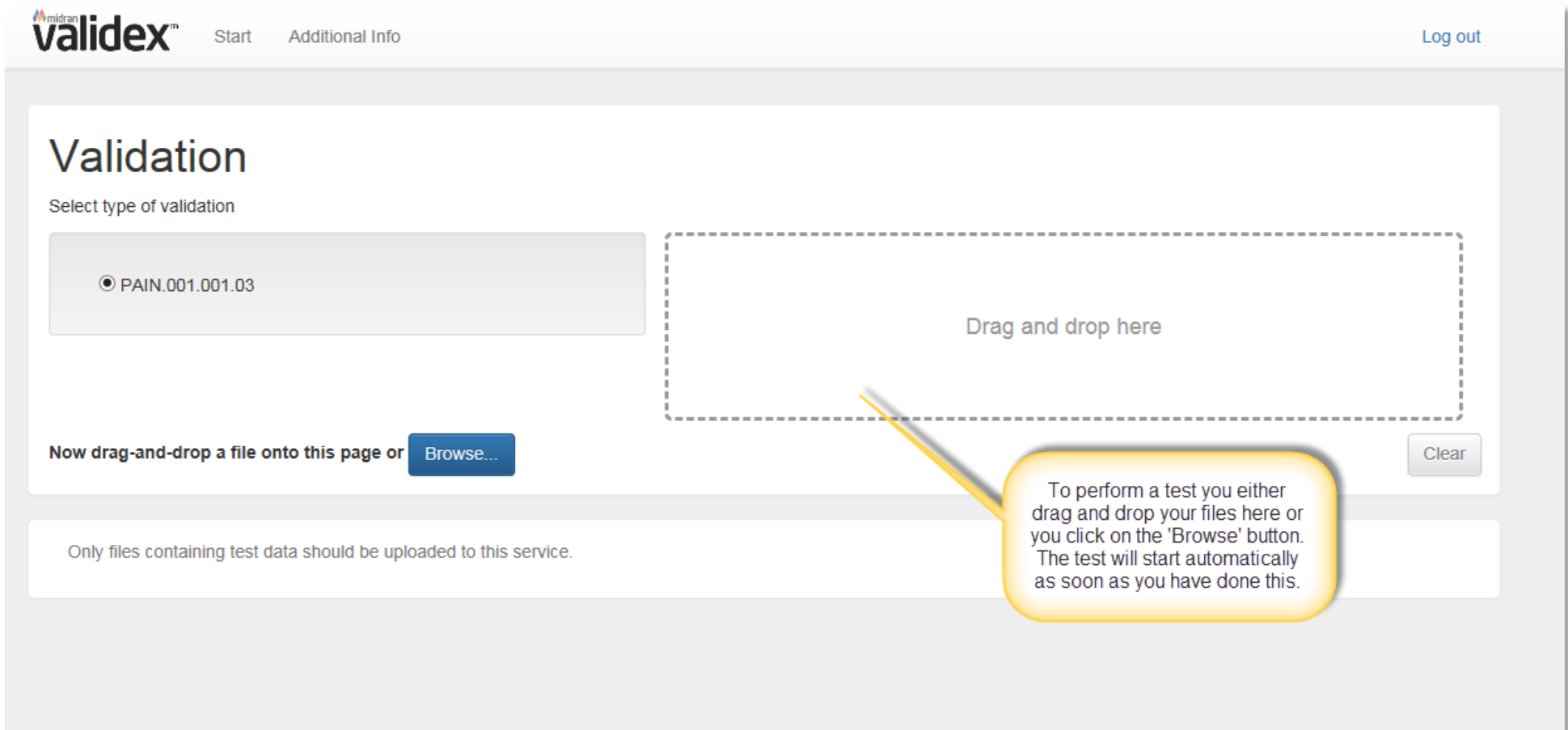
## 1. Setting up the account



The image displays two screenshots of a web application interface. The left screenshot shows a 'Sign In' form with fields for 'Email' and 'Password', a 'Remember Me' checkbox, a 'Log in' button, and a 'Create account' button. A callout box labeled 'Press here' points to the 'Create account' button. The right screenshot shows a 'Register account' form with fields for 'Email', 'Password (min. 8 characters)', 'Confirm Password', 'First name', 'Last Name', and 'Company'. There is also a checkbox for 'Email me when the validation service is updated' and a 'Register' button. Two callout boxes are present: '1. Fill in the form' points to the 'Email' field, and '2. Press the button' points to the 'Register' button.

# Testing for Dummies

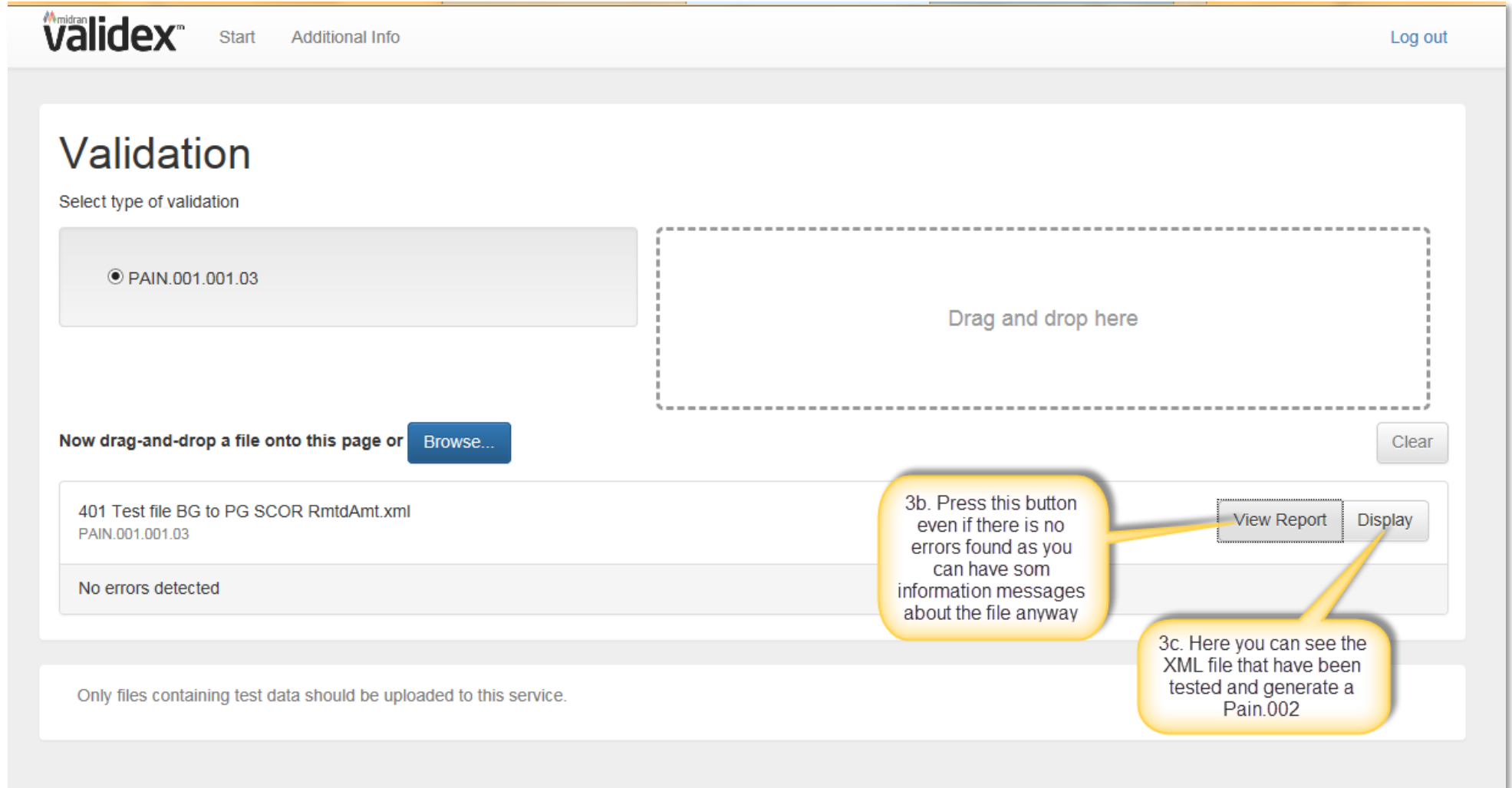
## 2. Upload a file, Pain.001



The screenshot shows the Validex web interface. At the top left is the 'validex' logo with 'midran' in smaller text above it. To its right are links for 'Start' and 'Additional Info'. At the top right is a 'Log out' link. The main content area is titled 'Validation' and contains the text 'Select type of validation'. Below this is a radio button selection box with 'PAIN.001.001.03' selected. To the right of this is a large dashed rectangular area labeled 'Drag and drop here'. Below the selection box is the text 'Now drag-and-drop a file onto this page or' followed by a blue 'Browse...' button. To the right of the dashed area is a 'Clear' button. At the bottom of the main content area is a note: 'Only files containing test data should be uploaded to this service.' A yellow callout box with a pointer to the dashed area contains the text: 'To perform a test you either drag and drop your files here or you click on the 'Browse' button. The test will start automatically as soon as you have done this.'

# Testing for Dummies

## 3a. To see the result of the test



validex™ Start Additional Info Log out

### Validation

Select type of validation

PAIN.001.001.03

Drag and drop here

Now drag-and-drop a file onto this page or [Browse...](#) [Clear](#)

401 Test file BG to PG SCOR RmtdAmt.xml  
PAIN.001.001.03

No errors detected

[View Report](#) [Display](#)


Only files containing test data should be uploaded to this service.

3b. Press this button even if there is no errors found as you can have some information messages about the file anyway

3c. Here you can see the XML file that have been tested and generate a Pain.002

# Testing for Dummies

## 3b. View Report


Start [Additional Info](#)
[Log out](#)

### Report

[View as PDF](#)

Filename: 401 Test file BG to PG SCOR Rmt dAmt.xml

Document Types	Matched	Info	Warning	Fatal
XML Structural Validation	Yes	0	0	0
XML Schema	Yes	0	0	0
Business rules	Yes	2	0	0

XML Structural Validation

XML Schema

Business rules

Flag	Message	Location
information	The element BatchBooking is ignored. It cannot be used to indicate if the payment is batch booked or not.	<a href="#">/Document[1]/CstmrCdtTrfInItm[1]/PmtInf[1]/BtchBookg[1]/</a>
information	Element not used by Swedbank. It will be viewed as 'data overpopulation' and will be ignored.	<a href="#">/Document[1]/CstmrCdtTrfInItm[1]/PmtInf[1]/Dbtr[1]/PstlAdr[1]/</a>

The result of the test can be, either no errors of course, but can also end up with information messages, warning messages or fatal error messages. The links are showing where in the file this particular message are related to.

```

</OrgId>
</Id>
</InitgPty>
</GrpHdr>
<PmtInf>
<PmtInfId>001</PmtInfId>
<PmtMtd>TRF</PmtMtd>
<BtchBookg>true</BtchBookg>
<PmtTpInf>
<SvcLvl>
<Cd>NURG</Cd>
</SvcLvl>
<CtgyPurp>
<CtgyPurpCd>

```

# Testing for Dummies

## 3c. Display

**validex™** Start Additional Info

### File: 401 Test file BG to PG SCOR RmtdAmt.xml

[Presentation](#)
[Status \(ACTC\)](#)
[Status \(Hdr Dupl\)](#)
[Status \(Pmt Inf Num of trans\)](#)
[Status \(TxInf dupl EndToEndID\)](#)
[XML](#)

**Document**

**Cus** Here you will have a simulated Pain.002 with a positive status at message level

**Gro** Here you will have a simulated Pain.002 with an error message at header level

**Mess** Here you will have a simulated Pain.002 with an error messages at Pmt Inf level

**of Tra** Here you will have a simulated Pain.002 with an error message at TxInf level

**0000** Here you can see your original file

**Initiating Party**

<b>Organisation ID</b> Other Organisation ID ID: 2120704081 Identification Schema Name Code: BANK	Here you you will have your file presented in a another way than the original XML tagged version
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**Payment Instruction Information**

Payment Info ID: 001  
 Payment Method Code: TRF  
 Batch Booking Indicator: true

<b>Payment Type Information</b> Service Level
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