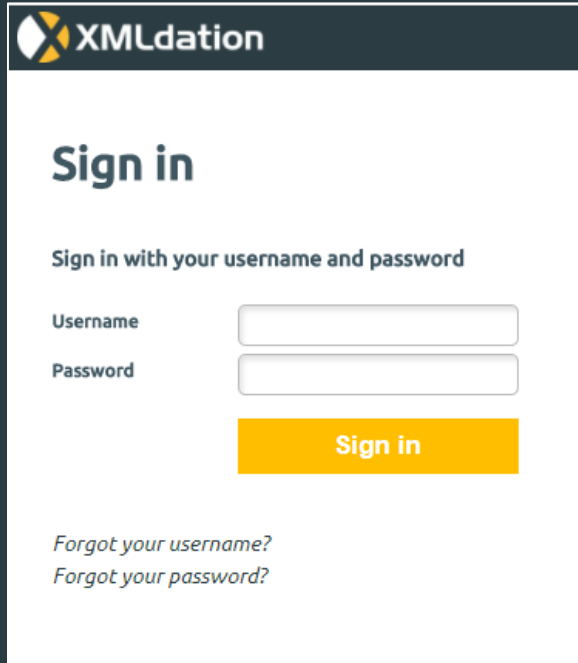




XMLdation Service
Validator user guide

General information

- <https://service.xmldata.com>
- Sign in using username and password



The screenshot shows the XMLdata.com sign-in page. At the top left is the XMLdata logo. Below it is the heading "Sign in". Underneath is the instruction "Sign in with your username and password". There are two input fields: "Username" and "Password". Below the fields is a yellow "Sign in" button. At the bottom, there are two links: "Forgot your username?" and "Forgot your password?".


- Recommended browsers are latest versions of:
 - Chrome
 - Firefox
 - Edge
 - Safari

- Accept the usage terms during first login

1. Start the validation by selecting "Validation" from the navigation bar after login

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Welcome to



Logged in: *ville* (Demo Company Oy)

Start by selecting "Validation" or "Simulation" from the menu bar.

Online users ⓘ

Username	Name	Teams	User type	User Company	Company
----------	------	-------	-----------	--------------	---------

Latest updates

- 2017-11-29 11:45:00
Group: 2017 Version 1.1
EPC SEPA Version 1.1 now available
[more details](#)
- 2017-11-03 09:11:00
New XMLdation Service look and feel applied
[more details](#)
- 2015-07-22 15:11:00
Group: DNB
DbtrAcct IBAN, no mixing between nordic and non-nordic accounts
[more details](#)
- 2015-07-22 12:13:00
Group: DNB Lithuania
Pipe updated based on workshop 1
[more details](#)

2. Choose a file to be validated

1. Select the file from your local file system
2. Click “Validate”

Optionally, a comment can be added for the validation. This comment is shown in reports page and can make it easier to locate the validation later on.

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Validation

Input type: File Text Example file

File for validation:

Comment: Select the File which you want to validate. The maximum allowed file size is 100MB.

Using a comment e.g. customer name or other identification can afterwards help you to find and identify the validation report.

Validate

3. Select Validation pipe

- Select the pipe which corresponds the payment type of your file
 - E.g. Credit transfer pipe for credit transfers

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Select validation pipe

CGI-MP

CGI-MP >> pain.001.001.03

EPC

EPC >> 2017 Version 1.1

- EPC SEPA Credit Transfer 2017 v1.1

ISO 20022

- ISO 20022 pain.001.001.03
- ISO 20022 Pain.001.001.008

4. See the validation result

- All validation levels must be passed before the file is valid
- First level of validation is always **schema**
- If schema check passes **Business Rules** are checked
 - Business rules are bank specific
- The result page has a link to the validation report which contains the validation result details (next page)

SOAP request

XML validation

Validation pipe: EPC SEPA Credit Transfer 2017 v1.1
Based on guide: EPC132-08 - 2017 Version 1.0 Approved

Schema validation (pain.001.001.03.xsd)		Passed	
---	--	---------------	--

Business rules


ISO20022 pain00100103 rules	Level #1	Errors detected	
EPC CT v2017 v1 Business Rules	Level #2	Errors detected	Info available Notices available

[Validate new file](#)

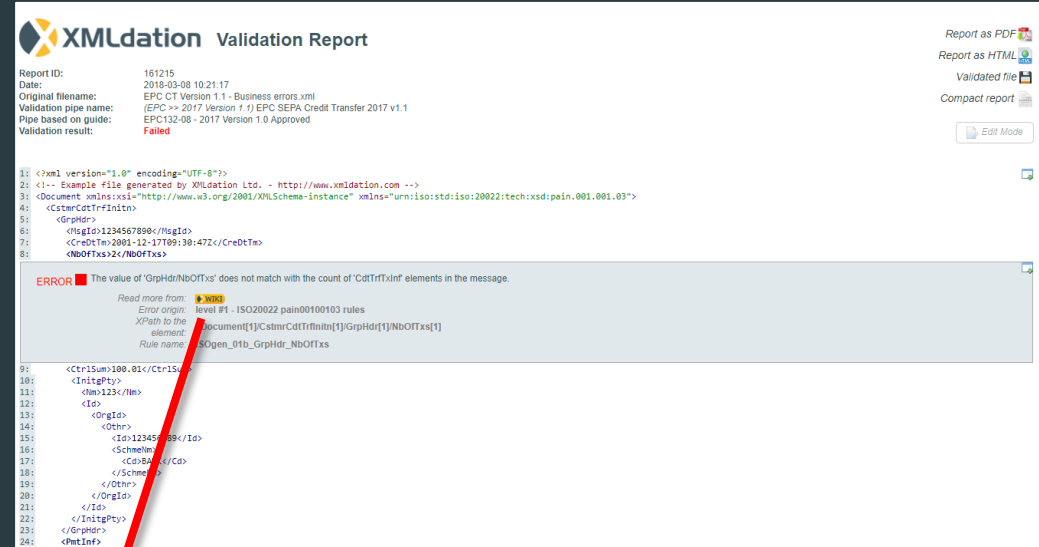
[See report](#)

5. See the report

- The report shows the file content and validation messages printed inline
- There are three types of validation messages

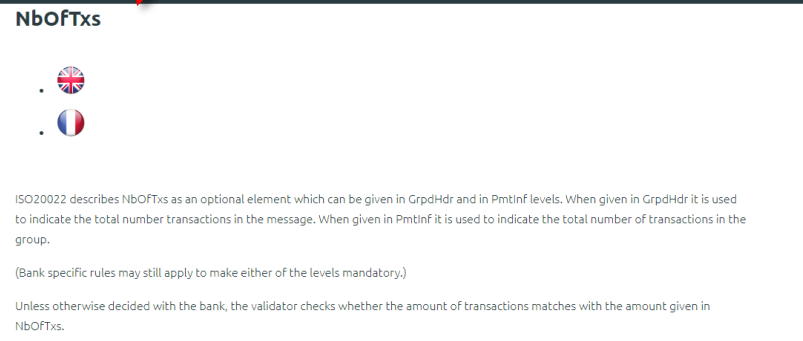
ERROR		Must be fixed.
NOTICE		Recommendation.
INFO		Extra information.

- Messages contain links to wiki which has further information
- Report can be downloaded as PDF and HTML



The screenshot shows an XML Validation Report from XMLdation. The report title is "XMLdation Validation Report". It includes a Report ID (161215), Date (2018-03-08 10:21:17), Original filename (EPC CT Version 1.1 - Business errors.xml), Validation pipe name (EPC => 2017 Version 1.1) EPC SEPA Credit Transfer 2017 v1.1, Pipe based on guide (EPC132-08 - 2017 Version 1.0 Approved), and Validation result (Failed). The report content shows XML code with an error message: "ERROR The value of 'GrpHdrNbOfTxs' does not match with the count of 'CdTrfTxInf' elements in the message." The error message includes a link to "Read more from: level #1 - ISO20022 pain00100103 rules" and "XPath to the element: Document[1]CstmrCdtTrfInit[1]GrpHdr[1]NbOfTxs[1]". The XML code shows the following structure:

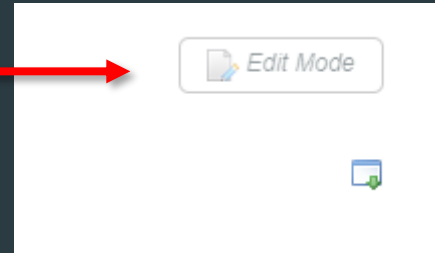
```
1: <?xml version="1.0" encoding="UTF-8"?>
2: <!-- Example File generated by XMLdation Ltd. - http://www.xmldation.com -->
3: <document xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xmlns="urn:iso:std:iso:20022:tech:xsd:pain.001.001.03">
4:   <CstmrCdtTrfInit>
5:     <GrpHdr>
6:       <MsgId>1234567890</MsgId>
7:       <CreDtTm>2001-12-17T09:30:47Z</CreDtTm>
8:       <NbOfTxs>2</NbOfTxs>
9:     <CtrlSum>100.01</CtrlSum>
10:    <InitgPty>
11:      <Nm>123</Nm>
12:      <Id>
13:        <OrgId>
14:          <Othr>
15:            <Id>123456789</Id>
16:            <SchmeId>
17:              <Cd>BA</Cd>
18:            </SchmeId>
19:          </Othr>
20:        </OrgId>
21:      </Id>
22:    </InitgPty>
23:  </GrpHdr>
24:  <PmtInf>
```



The screenshot shows the "NbOfTxs" wiki page. It features a list of flags: United Kingdom and France. The text explains that ISO20022 describes NbOfTxs as an optional element which can be given in GrpHdr and in PmtInf levels. When given in GrpHdr it is used to indicate the total number transactions in the message. When given in PmtInf it is used to indicate the total number of transactions in the group. (Bank specific rules may still apply to make either of the levels mandatory). Unless otherwise decided with the bank, the validator checks whether the amount of transactions matches with the amount given in NbOfTxs.

Editing validation report

- The contents of validated files can be edited directly from the report
 - This can be used for quickly testing possible changes
- Edit mode can be opened from the upper right corner of the report
- The validation errors are listed on left panel. You can see the error texts by placing your mouse over the error boxes.



```
1 <?xml version="1.0" encoding="UTF-8"?>
2 <!-- Example file generated by XMLdataion Ltd. - http
3 <Document xmlns:xsi="http://www.w3.org/2001/XMLSchema
4 <CstmrCdtTrfInitt>
5 <GrpHdr>
6 <MsgId>1234567890</MsgId>
7 <CreDtTm>2001-12-17T09:30:47Z</CreDtTm>
8 <NbOfTxs>2</NbOfTxs>
9 <CtrlSum>100.01</CtrlSum>
10 <InitgPty>
11 <Nm>123</Nm>
12 <Id>
13 <OrgId>
14 <Othr>
15 <Id>123456789</Id>
16 <SchmeNm>
17 <Cd>BANK</Cd>
18 </SchmeNm>
19 </Othr>
20 </OrgId>
21 </Id>
22 </InitgPty>
23 </GrpHdr>
24 <PmtInf>
25 <PmtInfId>1029384756</PmtInfId>
26 <PmtMtd>TRF</PmtMtd>
27 <PmtRcpt>1029384756</PmtRcpt>
```


Stored validation reports

- Previously made validations can be seen from the reports page
- Access the report page from Navigation bar ("Reports")
- You can only see your own reports
- Automatic report deletion can be set from user *preferences* (upper right corner)

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✘ Delete all your reports

Report filtering options

	<input type="checkbox"/>	Time	Company	User	Team	Validation pipe	Result	Report id	Action
Mar 08	<input type="checkbox"/>	14:48	Demo Company Oy	ville		EPC SEPA Credit Transfer 2017 v1.1	Failed	161229	✘
	<input type="checkbox"/>	14:48	Demo Company Oy	ville		EPC SEPA Credit Transfer 2017 v1.1	Failed	161228	✘
	<input type="checkbox"/>	14:48	Demo Company Oy	ville		EPC SEPA Credit Transfer 2017 v1.1	Failed	161227	✘
	<input type="checkbox"/>	14:48	Demo Company Oy	ville		EPC SEPA Credit Transfer 2017 v1.1	Failed	161226	✘
	<input type="checkbox"/>	14:48	Demo Company Oy	ville		EPC SEPA Credit Transfer 2017 v1.1	Passed	161225	✘
	<input type="checkbox"/>	14:47	Demo Company Oy	ville		EPC SEPA Credit Transfer 2017 v1.1	Failed	161224	✘
	<input type="checkbox"/>	14:47	Demo Company Oy	ville		EPC SEPA Credit Transfer 2017 v1.1	Failed	161223	✘

Support

- Support requests
- Use the support form in the service
- Or contact the Bank from which you received the account
- If you purchased the service directly from XMLdation, contact support@xmldation.com

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Support

Please check our *Wiki* for answers before submitting your question.

Recipient: support@xmldation.com

Subject:

Report id:

Give here the report id (which is stated in the validation validation report).

***Email:**

***Description:**

Please write detailed description of your problem and how you have already tried to solve it.

Marked fields(*) are required.

Send



Website

<http://www.XMLdation.com>

Contact Information

Sales:
sales@XMLdation.com

Support:
support@xmldation.com