



## Purpose

Purpose of the first training section is to introduce project creation and validation rule generation in Studio. Further features within Studio will be introduced in later sections.

Requirement for completing this and further tasks is login credentials to Studio

## Description

Following steps are done here:

1. Logging in
2. Creating a project
3. Creating a ruleset
4. Creating a rule

## Instructions

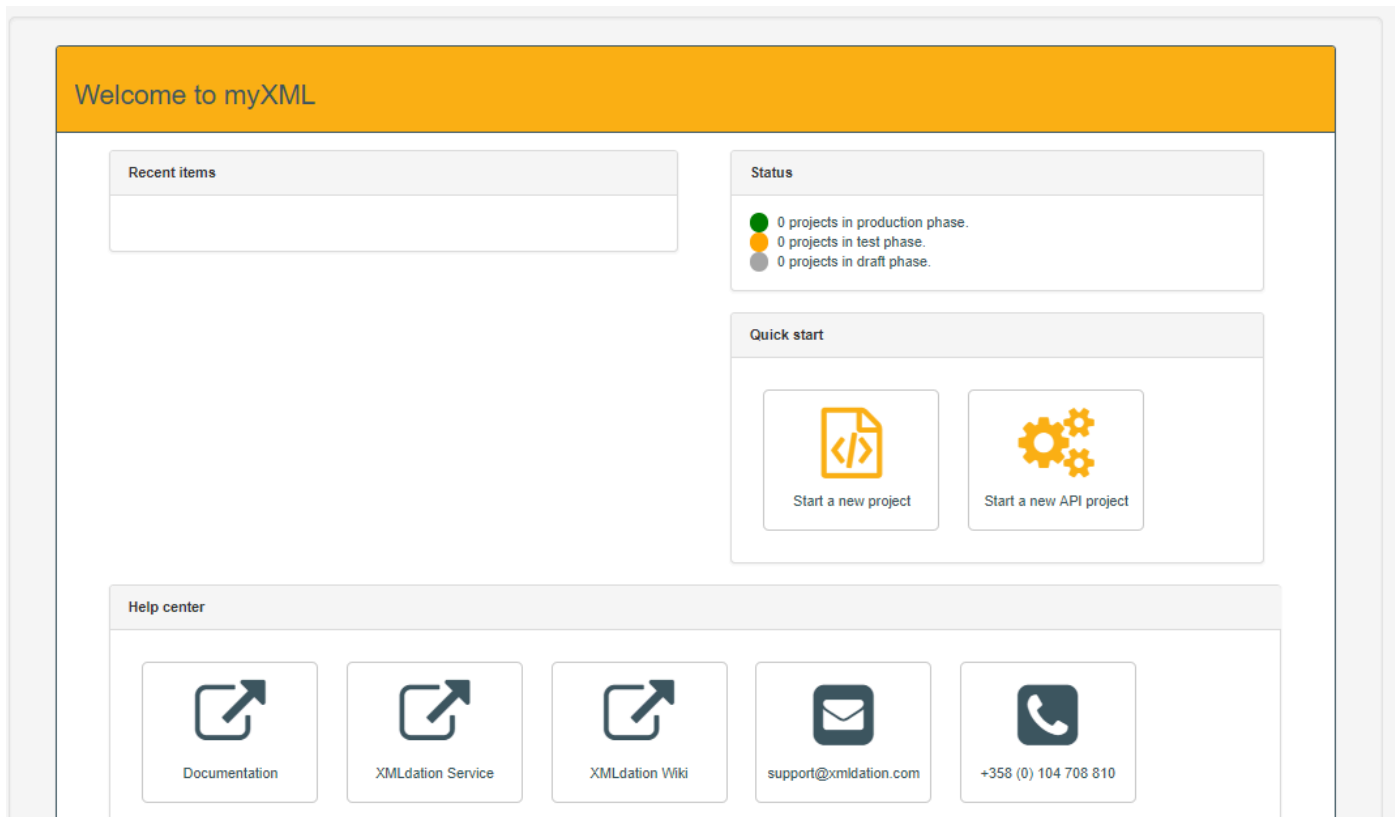
### 1: Logging in

We start by logging in to the Studio service via url

<https://demo.xmlvalidation.com/>

After logging in you can access Studio from the navigation bar at the top of the Worth noting here that this demo/training environment is separate from production environment, therefore credentials which would work in production will not work here. XMLvalidation will provide credentials to people participating in training. This environment being separate from production also means that any possible validation projects in production cannot accidentally be broken during training session.

After login, the page should be similar to the following screenshot



## 2: Creating a project

Depending on user licence, there may be content already in recent items section. But at this point there's no need to worry about them or about the different functionalities shown on the screen.

We start by creating a project by clicking the orange icon on the mid-right section, "start a new project", following modal should now be open:

Create new project

Project group \* XMLdation myXML training

Name \* XMLdation reference project

Wiki address http://wiki.xmlvalidation.com/

Description

Message type Simple myXML example schema  
Click here to add your own schema

Cancel Save

Following data needs to be filled:

**Group:** There should already be a project group available (perhaps named differently than in the above picture), this should be selected for now. It is also possible to create new groups altogether but there's no need to do that now.

**Name:** Name can be whatever you would like, but it's a good idea to use a unique name if there are more than one people participating the training.

**Message type:** There are various of different message types available. In this training we'll use "simple myXML example schema" which is tailored to be small and thus more understandable than ISO 20022 schemas actually used by financial agencies.

After saving this data to the project, following screen will be opened:

myXML XMLdatation myXML training / XMLdatation reference project

XMLdatation reference project

Home Library management

Project dashboard Validation rule management Test file generation Settings

Operations Validation: Compiling needed Not published MIG: Not published

Schema element	Type	Occ.
Message	Message	1...1
Header	HeaderType1	1...1
Id	Max35Text	1...1
TimeStamp	DateTime	1...1
ControlSum	decimal	1...1
NumberOfTransactions	integer	1...1
Debtor	PartyIdentification	0...1
Name	Max140Text	0...1
Transaction	TransactionType1	1...*
Id	Max35Text	1...1
Amount	decimal	1...1
Debtor	PartyIdentification	0...1
Name	Max140Text	0...1
Creditor	PartyIdentification	1...1
Name	Max140Text	0...1
Remittance	RemittanceType	0...1
Unstructured	Max140Text	0...*
Structured	PartyIdentification	0...*
Name	Max140Text	0...1

No rulesets exist yet.  
Add a new ruleset by clicking the icon on the top right hand side of this container or by clicking [here](#)

Element Libraries

Filter rulesets...

Group rulesets

No rulesets

Global rulesets

- CGI CreditTransfer ACH and W...
- Demo bank general rules
- Demo bank transaction type ru...
- EPC CreditTransfer Version 7
- FK Invoice 13
- FK Invoice 20
- FK Invoice 204

At this point, we may close the right-hand navigation for now from the button circled as red in this mid-right section of the screen. This section may be opened later by the same button

### 3: Creating a ruleset

Ruleset is a container for the rules we'll create in the next steps. It may be created either from the mid-section of the screen or by clicking the icon on upper-right corner of interface

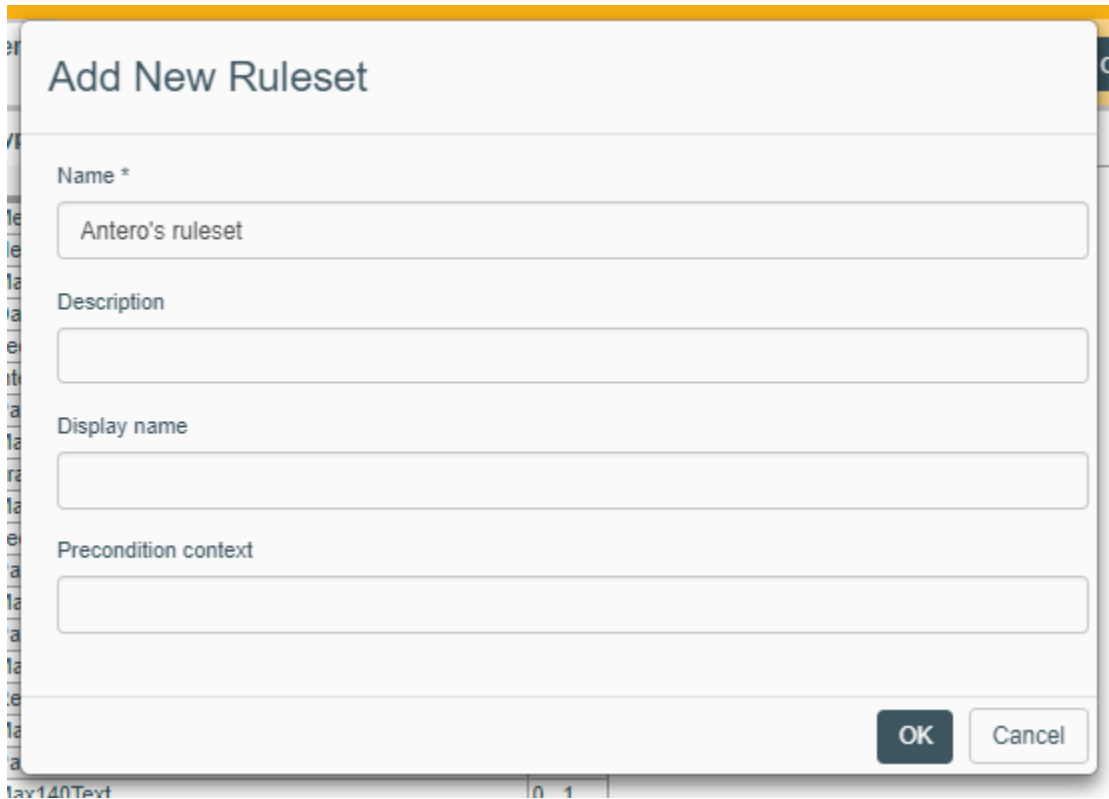
Home Library management

Operations Validation: Compiling needed Not published MIG: Not published

+ Create ruleset

Import ruleset

This icon is always visible.



The image shows a dialog box titled "Add New Ruleset". It contains four text input fields:

- Name \***: Contains the text "Antero's ruleset".
- Description**: An empty text box.
- Display name**: An empty text box.
- Precondition context**: An empty text box.

At the bottom right of the dialog, there are two buttons: "OK" and "Cancel".

Basic info will have to be filled for ruleset. Here we only need the name, other details will be introduced in later sections.

#### 4: Creating a rule

At this point we have a ruleset made.

Occ.		Antero's ruleset	
0..0			
1..1			
1..1			
1..1			
1..1			
1..1			
1..1			
0..1			
0..1			
1..*			
1..1			
1..1			
0..1			
0..1			
1..1			
0..1			
0..1			
0..*			
0..*			
0..1			

As expected, there are no rules here yet. Next, we shall add a validation rule. We can create the rule for any element, but in this example it's recommended to make Debtor mandatory. We can do this by hovering on top of Debtor, selecting the downwards arrow and finally selecting "mandatory"

XMLation myXML training / XMLation reference project

**myXML XMLation reference project**

Project dashboard | **Validation rule management** | Test file generation | Settings

Schema element	Type	Occ.	Antero's ruleset
Unmatched rules			
Message ▾	Message	1...1	
Header ▾	HeaderType1	1...1	
Id	Max35Text	1...1	
TimeStamp	DateTime	1...1	
ControlSum	decimal	1...1	
NumberOfTransactions	integer	1...1	
Debtor ▾	PartyIdentification	0...1	
Name	Max140Text	0...1	
Transaction ▾	TransactionType1	1...*	
Id	Max35Text	1...1	
Amount	decimal	1...1	
Debtor ▾	PartyIdentification	0...1	+ ▾
Name	Max140Text	0...1	
Creditor ▾	PartyIdentification	1...1	
Name	Max140Text	0...1	
Remittance ▾	RemittanceType	0...1	
Unstructured	Max140Text	0...*	
Structured ▾	PartyIdentification	0...*	
Name	Max140Text	0...1	

- Mandatory
- Recommended
- Not allowed
- Not recommended
- Occurrences... ▶
- Value restrictions... ▶

After this is done, validation rule will be generated and shown as below in the UI

Schema element	Type	Occ.	Antero's ruleset
Amount	decimal	1...1	
Debtor ▾	PartyIdentification	0...1	▲ Debtor_Mandatory
Name	Max140Text	0...1	
Creditor ▾	PartyIdentification	1...1	

This concludes the first section of the training. In the next section we'll test the implementation to make sure it behaves as we expected.