

Creating conditional validation rules against the dataset

In ConfiForms you can set up the validation rules to be applied within a context of the whole dataset.

This is done using ConfiForms Field Definition Rules macro and choosing action "Validation rule (dataset)" from the list of actions

Insert 'ConfiForms Field Definition Rules' Macro

Action will be executed when condition is met. Same syntax expected as in filters
The scope is current entry/record (for dataset validation the scope is all records).
You can reference current records fields via [entry.field_name]

☐ Execute only on user action
When checked, the rule will be executed only on users action (not executed when form is loaded)

Action *
Validation rule (dataset) ▼
Choose Action to perform

Message to show when validation matches

Validation rule

Select macro Insert Cancel

The important bits are how to set up the filter when it runs and what to add into the validation rule

The goal

We want to check if a person (by email) has already registered. It is important moment, that we actually want to check by email, and not by built-in operator [UNIQUE], which can easily help us with this if we wanted to check by username (built-in Confluence user object). See more on filters here: [ConfiForms Filters](#)

But we want to check by user's email which they type in the registration form. Something like this:

```
CONFI: ConfiForms Form | formName = f
  CONFI: ConfiForms Field Definition | fieldName = youremail | fie...
  CONFI: ConfiForms Registration Control
```

So, we have a form with a field called "youremail"

Registration

Your email

+

Save

Close

We will add ConfiForms Field Definition Rules macro

Edit 'ConfiForms Field Definition Rules' Macro

Condition

youremail:[entry.youremail]

Action will be executed when condition is met. [Same syntax expected as in filters](#)
The scope is current entry/record (for dataset validation the scope is all records).
You can reference current records fields via [entry.field_name]

☐ Execute only on user action

When checked, the rule will be executed only on users action (not executed when form is loaded)

Action *

Validation rule (dataset) ▼

Choose Action to perform

Message to show when validation matches

Preview

Select macro

Save

Cancel

And put the condition to match like this. It will be sufficient if you want to check only for new registrations and not allow changing the already registered records. As with this conditions we check for "email uniqueness" across the whole dataset and it would be non-unique.

In order to support edits the condition should be changed to:

```
youremail:[entry.youremail] AND !id:[entry.id]
```

These translates to: check if email is unique and record's ID not the same as current

Edit 'ConfiForms Field Definition Rules' Macro

Name of the field you want to track
(optional for validation rules and for rules
which should be executed ONLY on users
action)

Condition

youremail:[entry.youremail] AND !ic


Action will be executed when condition is
met. Same syntax expected as in filters
The scope is current entry/record (for
dataset validation the scope is all records).
You can reference current records fields
via [entry.field_name]

☐ Execute only on user action

When checked, the rule will be
executed only on users action (not
executed when form is loaded)

Action *

Validation rule (dataset) ▼

 Preview

Select macro

Save

Cancel

There is no need to put other macro properties except the message when validation fails:

Edit 'ConfiForms Field Definition Rules' Macro

☐ Execute only on user action

When checked, the rule will be
executed only on users action (not
executed when form is loaded)

Action *

Validation rule (dataset) ▼

Choose Action to perform

Message to show when validation
matches

You have already registered!

Validation rule

Regular Expression to use for fields input
validation (when expression matches (or
is EMPTY) a message will be shown)

 Preview

Select macro

Save

Cancel

