

Configure and use new identity projection

form, projection

User type (projection) was added in CzechIdM version 10.2.0. Projection defines frontend form to read, create and edit user. We can create and edit user by different form. For example externe and internal employee can be created and edited differently (different attributes has to be filled). Used projection for user creation is set as user type.

Projection agenda

New projection can be configured from agenda **Setting** → **Form definitions** → **Form projections** → **Add** button.

Form definitions

Form definitions

Form projections

Code or owner type

+ Add

Filter

Cancel filter

Filter

<input type="checkbox"/>	Code	Frontend target	Module	Description	Id
<input type="checkbox"/>	Externe user	/form/identity-projection	core	Create nad edit extere user.	ID:63ecf8ae TI:97324dd9

1 - 1 of 1 records

Add new projection

We can configure new projection to introduce all features:

- Code - **Externe user**. Projection simple name.
- Module - we can leave it empty, **core** module is used by default.
- Frontend target - we can leave it by default **/form/identity-projection**. This target leads to prepared product projection page on frontend. Only developer can register new target page.
- Basic user attributes - select **User name, First name, Surname, Personal number**.
- Basic contract attributes - select **Work position, Valid from, Valid till**.
- Basic attributes validation - configure validations for fields:
 - **Personal number** - required, minimum and maximum length **5** (~ 5 letters only)
 - **Valid till** - required, minimum contract validity **0** (~ current date), maximum contract validity 385 days (~ 13 monts in future). Sometimes it is demanded to avoid the possibility to set empty date for contract which means unlimited. Then it is advised to set validation of such attribute also as **required**.
- Form definitions - we need to prepare extended attributes form definition before to use then here, we will use this definitions and attributes as example:
 - **default - IdmIdentity** - default form definition for users, select attributes:
 - **Mobile phone** - text attribute
 - **Registration** - boolean attribute
 - **default - default - IdmIdentityContract** - default form definition for contracts, select attributes:
 - **Environment** - codelist ith available environments
 - **Manager** - user select box
- **Set direct guarantee for new contract** - Set currently logged user as direct guarantee for

newly created contract

- Description - **Create and edit externe user**. Description is shown in projection list (into about projection and for filter).
- Inactive - inactive projection will not be available for creating new user.

Externe user - IdmIdentity

Basic information

Users

Localization

Basic information

Code

Externe user

Unique projection code. Code is used e.g. for resolving the localization.

Module

core

Module is defined or used in given module. Module is used for example for resolving the localization. 'core' module is used as default.

Basic attributes for user

☐ User name (String)
 ☐ First name (String)
 ☐ Surname (String)
 ☐ Personal number (String)

Basic user attributes to show. All basic user attributes will be shown by default.

Basic attributes for contract

☐ Work position (IdmTreeNode - Id or code)
 ☐ Valid from (LocalDate)
 ☐ Valid till (LocalDate)

Basic contract attributes to show. All supported basic contract attributes will be shown by default.

Basic attributes validation

Form attribute	Read only	Required	Minimal value	Maximum value	Regular expression
<input type="checkbox"/> Valid till (LocalDate)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	0	395	
<input type="checkbox"/> Personal number (String)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	5	5	

[+ Přidat validaci](#)

Form definitions

default - IdmIdentity
 ☐ Mobile phone (phone)
 ☐ Registration (sure)

default - IdmIdentityContract
 ☐ Environment (codelist)
 ☐ Manager (manager)

[+ Add form definition](#)

Form definitions and attributes to show.

Frontend target

/form/identity-projection

☒ **Show prime contract**
Show (and update) prime user contract only.

☐ **Show all user contracts**
Show (and update) all user contracts. Code list **contract-position** s required - available contract types are controlled by organization types.

☒ **Show other contract position**
Show (and update) one other contract position.

☒ **Show assigned roles**
Add assigned roles for newly created user and show assigned roles updated user.

☐ **Load assigned roles into projection**
Load all assigned roles - will be available in projection directly. Enable this feature, if projection supports to assign role directly without role requests. Is not supported in product provided projection and could be disabled.

☒ **Set direct guarantee for new contract**
Set currently logged user as direct guarantee for newly created contract.

Description

Create and edit extere user.

☐ **Inactive**
Projection will not be available for creating new user.

[Back](#) [Save](#)



We filled simple projection name as projection code. Projection name will be shown without localization. Read how to add [localization](#)



Authorization policies have to be configured to read and edit extended attributes by admin and user. Read how to configure [authorization policies](#).



Attributes generated by system can be hidden. For example we not provide to set or change user password - we expect password will be generated after user will be provisioned on target system (one password will be set to all user account and for IdM



too). Read how to [set or change user password](#) by product projection.



Configured basic field validations will be evaluated on every place in application for users in given user type (~ projection).

Choose projection

When new user is created (menu **Users** → **Create user** button.), then newly created projection can be chosen:

Create user - choose form type

Externe user

or


use default form

Close



Default form can be used too as default. Read how to hide this option by [configuration](#), if needed.

User detail for create user by configuration above

 New user
 ✕

User login

First name
Surname


Personal number

Mobile phone

Additional identity's phone

Registration

Select ...

 Prime contract

Valid from
Valid till

Organizational positon

Select or type to search ...

Other organizational positon

Select or type to search ...

Environment

Select ...

Manager

Select or type to search ...

Directly assigned roles

Role

[Back](#) [Save](#)

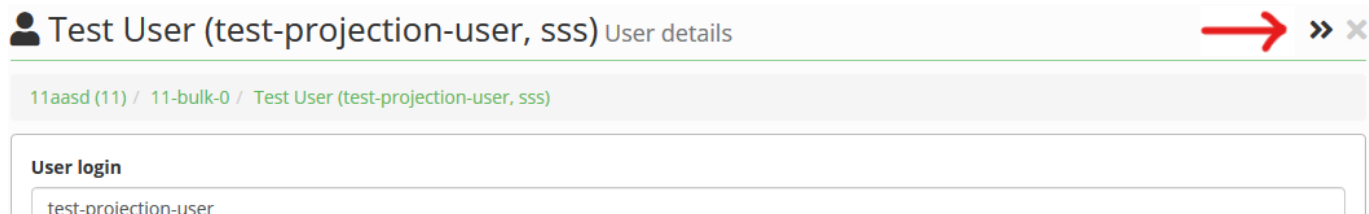
We can create new user with all attributes are filled. We can choose roles, which will have to be assigned (requested) for created user. Used form (projection) is set as user type. After form is saved, the same form is shown and user can be edited if needed. The same form is used and shown as user detail.

User detail for edit user by configuration above

CzechIdM Identity Manager - <https://wiki.czechidm.com/>

Default full detail

Default full detail can be shown for each user with projection usage. New button was added into user (and projection) detail header:

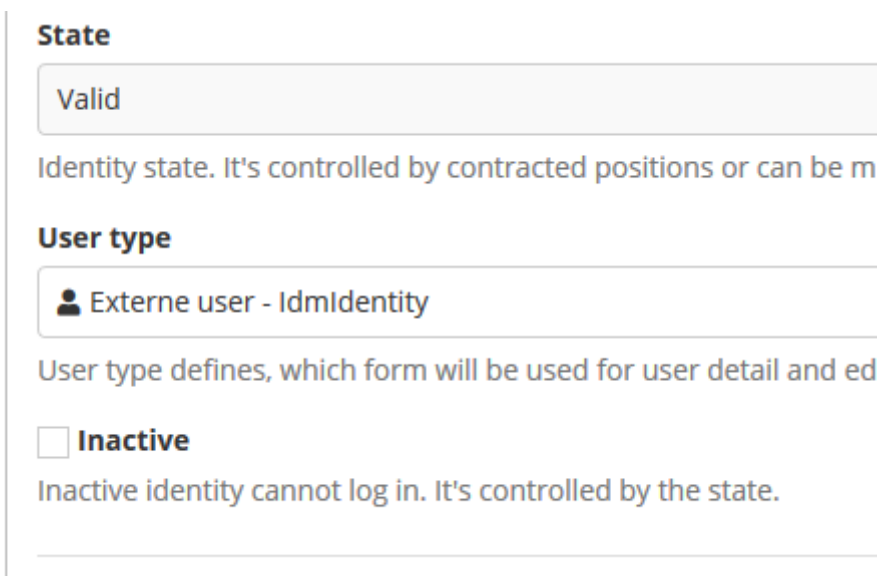


Button is available for all logged user without any additional permission is needed. Quick link to default full detail is available from top profile menu. Buttons on dashboard and any other link to user detail will lead to projection form.

The same way is possible to go back to form by projection from full default detail. Button is in the same place with different direction.

Change user type

User type (projection) can be changed from default full identity detail:



After user type is changed and user is saved, then button in detail header (see above) can be used for show user in form projection.



Authorization policies have to be [configured](#) to enable change user type.

Set or change user password

If **password** attribute is added in projection personal data configuration, then:

- New password can be filled for newly created user,
- link to change password is available for edited user.



Password change has to be enabled by [configuration](#).



Authorization policies have to be [configured](#) to enable password change.

Add or change user roles

New roles can be requested for newly added user. If user is edited, then assigned roles are shown with button to change assigned roles by role request.

Identity roles are assigned asynchronously, so pending role requests are shown together with assigned roles. Assigned roles are refreshed automatically, when asynchronous role request is completed.



Authorization policies have to be [configured](#) to enable this feature.

Admin guide

- [User type](#)

Devel guide

- [User type](#)

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