

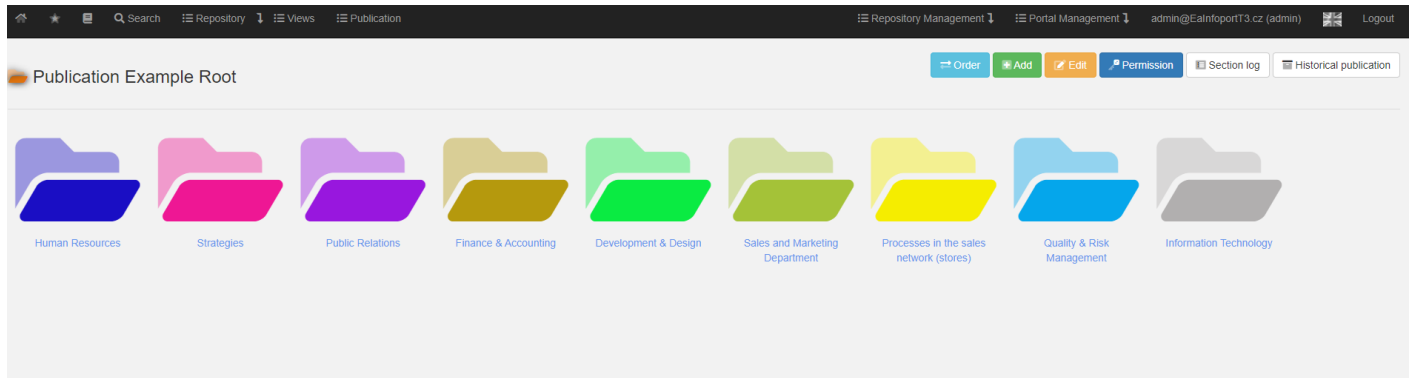
Publication

This is a completely different view of the EA repository - publishing selected diagrams in an arbitrarily defined structure. By using this feature, business users can be shielded from the often convoluted model structure in EA and view models in a structure that is close to their own. This structure can be arbitrarily defined by department, project, customer or otherwise.

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Sections

The basic building block of the publication are the so-called "*Sections*", which correspond to different departments in the company structure and into which the diagrams are published.



- [Publication Module Structure](#)
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Publication Module Structure

The use of the publishing module is suitable, for example, for process books, company IS architecture, organizational structure publishing - wherever there is a need to publish information in a different structure than in the EA repository.

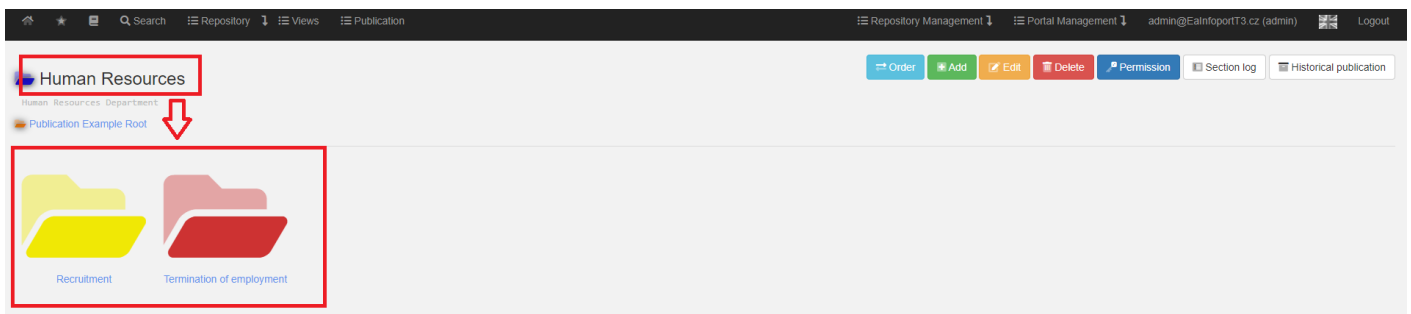
The publication module consists of so-called sections and has a hierarchical structure - its root is Publication.

Diagrams can be included (published) in a section. The publishing of diagrams is governed by a workflow, see below

A section can be divided into further subsections.

Each section can have a color, a name, a description and other details (see below).

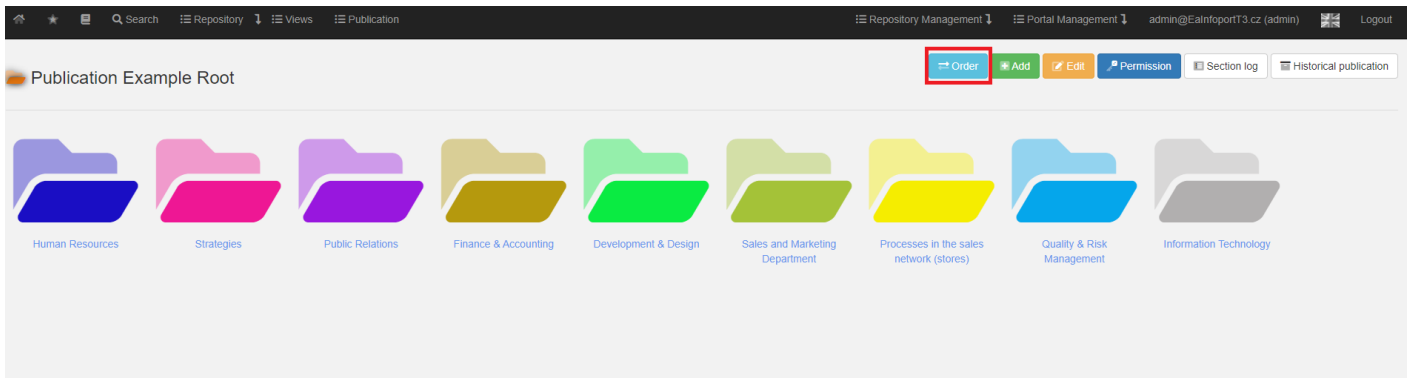
Each section has a title, description, date and time of creation, as well as a configurable color.



Move the section

The user can change the order of each section.

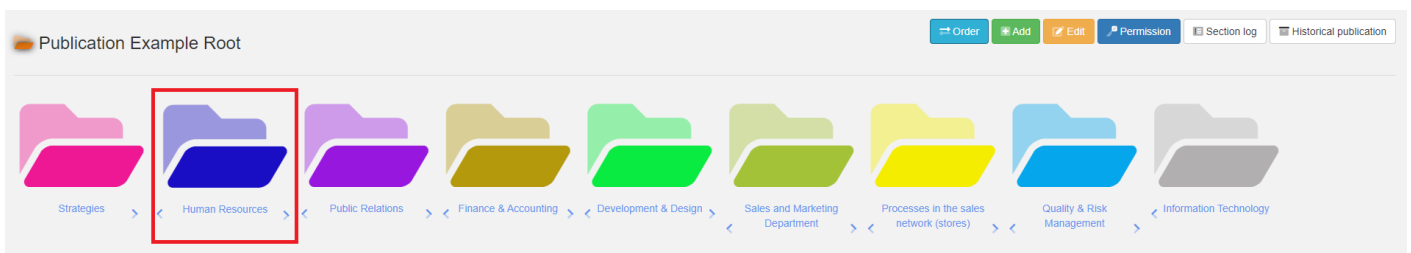
To change the order, the user clicks on the "Order" button.



The user will see arrows next to each section.



Clicking on the arrow will move that section one section to the left or right.



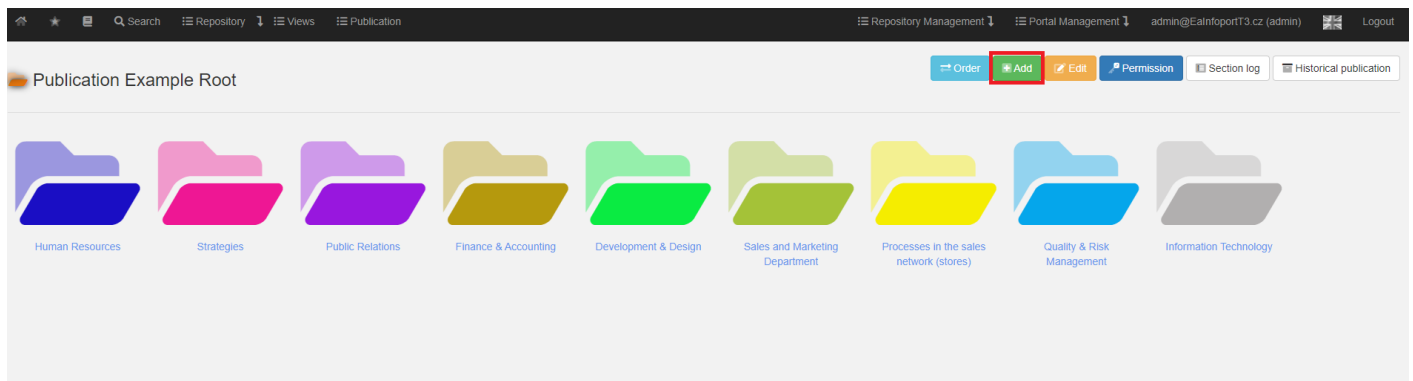
After moving a section to the desired order, click on the "Order" button again, see the first picture, and further moving of sections will not be available.

Creating a Section

Sections can only be created by a user who has been assigned the "Owner" role in the current or parent section.

The section can be configured whether read access is enabled by default - then users or groups that cannot read can be explicitly selected, or whether read access is disabled by default - then users and groups are explicitly enabled. Another configurable feature of the section is whether published diagrams are immediately displayed in the section or whether approval is required (*before publication*).

To create a section, the user clicks on the "Add" button.



The following dialog will be displayed to the user.

Create section

 Publication Example Root

Name

Notes

Color

Permission to read by default

☐

Approval required

☐

[< Back](#)

[+ Create](#)

In the dialog, the parameters of the newly created section are entered and the rights are set.

- Section name
- Section description
- Section color

Rights

- **Reading is allowed:**

- When checked, users/groups can default to read the package and any child packages that do not have the default read disabled.
- When checked with an "x", users/groups cannot default read a package and all its child packages that do not have default read enabled.
- With an "empty square", the user/group inherits default privileges from the parent packages.

- **Approval required:**

- When checked, diagrams are added to the publication in the "To be approved" state. When unchecked, the status is "Approved".

Create section

 Publication Example Root

Name

Logistics

Notes

It represents the organisation, planning, management and implementation of the flows of goods through development and purchasing.

Color



Permission to read by default

☐

Approval required

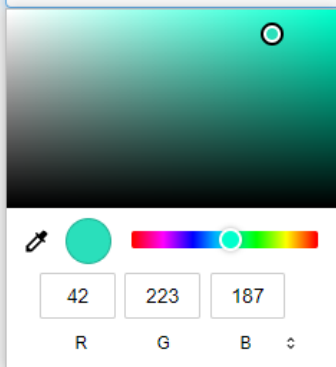
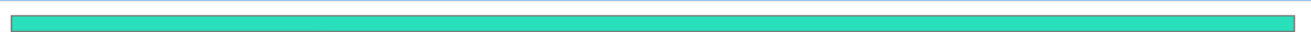
☒

← Back

+ Create

To change the color, the user clicks on the color label, then a mini dialog pops up to set the color.

Color



+ Create

The colour selection dialog responds in two ways:

- Left-click and hold
- Left-click and hold the mouse button.

If everything is set, the user clicks on the "Create" button.

Create section

 Publication Example Root

Name

Logistics

Notes

It represents the organisation, planning, management and implementation of the flows of goods through development and purchasing.

Color



Permission to read by default

☐

Approval required

☒

[< Back](#)

[+ Create](#)

The section has been added.

 Publication Example Root

[Order](#) [Add](#) [Edit](#) [Permission](#) [Section log](#) [Historical publication](#)


Human Resources


Strategies


Public Relations


Finance & Accounting


Development & Design


Sales and Marketing
Department


Processes in the sales
network (stores)


Quality & Risk
Management

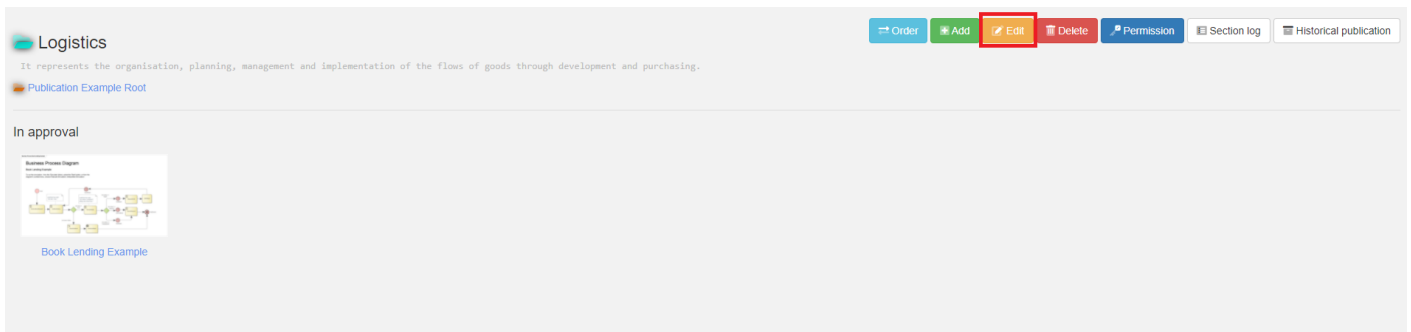

Information Technology


Logistics

Edit a Section

In the section being edited, the user can edit the "*section name*", "*section description*", "*section color*", can change the "*Reading allowed*" and "*Approval required*" rights.

To edit a section, the user clicks on the "*Edit*" button.



The user is presented with the following dialog where he can edit the "*title, description and colour*" of the section, as well as change the "*Reading allowed*" and "*Approval required*" rights.

Edit section

Logistics
It represents the organisation, planning, management and implementation of the flows of goods through development and purchasing.
 Publication Example Root

Name

Notes

It represents the organisation, planning, management and implementation of the flows of goods through development and purchasing.

Color

Permission to read by default
☐


Approval required
☒

← Back


Save

If everything is set, the user clicks the "Save" button.

Edit section

 **Logistics**

It represents the organisation, planning, management and implementation of the flows of goods through development and purchasing.

 Publication Example Root

Name

Notes

It represents the organisation, planning, management and implementation of the flows of goods through development and purchasing.
(Představuje organizaci, plánování, řízení a realizaci toků zboží prostřednictvím vývoje a nákupu.)

Color

Permission to read by default

☒

Approval required

☒

← Back

Save


After clicking on the "Save" button, an editing dialog will appear with the warning message "After saving, the settings in the child sections will be deleted".

Edit section

Logistics (logistika)

It represents the organisation, planning, management and implementation of the flows of goods through development and purchasing.
(Představuje organizaci, plánování, řízení a realizaci toků zboží prostřednictvím vývoje a nákupu.)

 Publication Example Root

 After saving the settings in the child sections are reseted

Name

Logistics (logistika)

Notes

It represents the organisation, planning, management and implementation of the flows of goods through development and purchasing.
(Představuje organizaci, plánování, řízení a realizaci toků zboží prostřednictvím vývoje a nákupu.)

Color



Permission to read by default



Approval required



← Don't save

 Confirm save

If the user does not want to confirm the save, he clicks on the "Do not save" button and this returns the user to the "Edit section" dialog.

If the user wants to confirm the edit, he clicks on the "Confirm save" button and the user is redirected to the edited section where he can see the message "Successfully saved".

Logistics (logistika)

It represents the organisation, planning, management and implementation of the flows of goods through development and purchasing.
(Představuje organizaci, plánování, řízení a realizaci toků zboží prostřednictvím vývoje a nákupu.)

 [Publication Example Root](#)

✓ Successfully saved

In approval

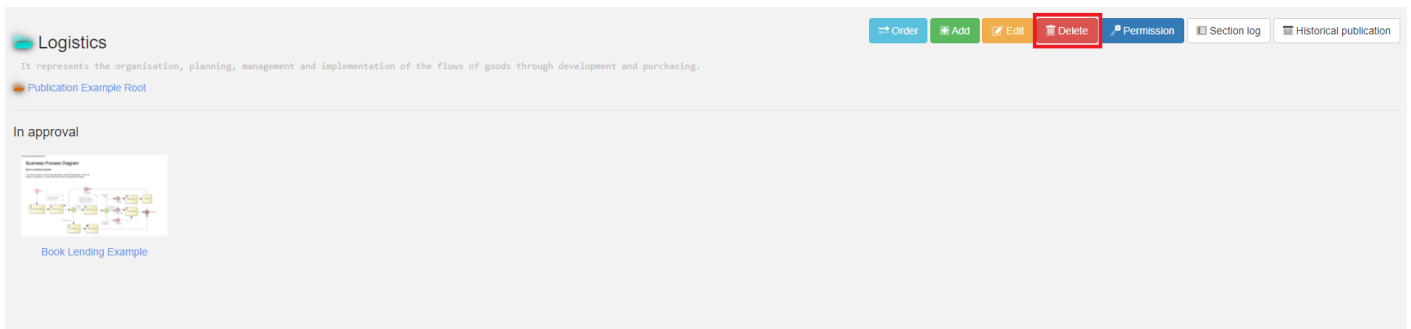


[Book Lending Example](#)

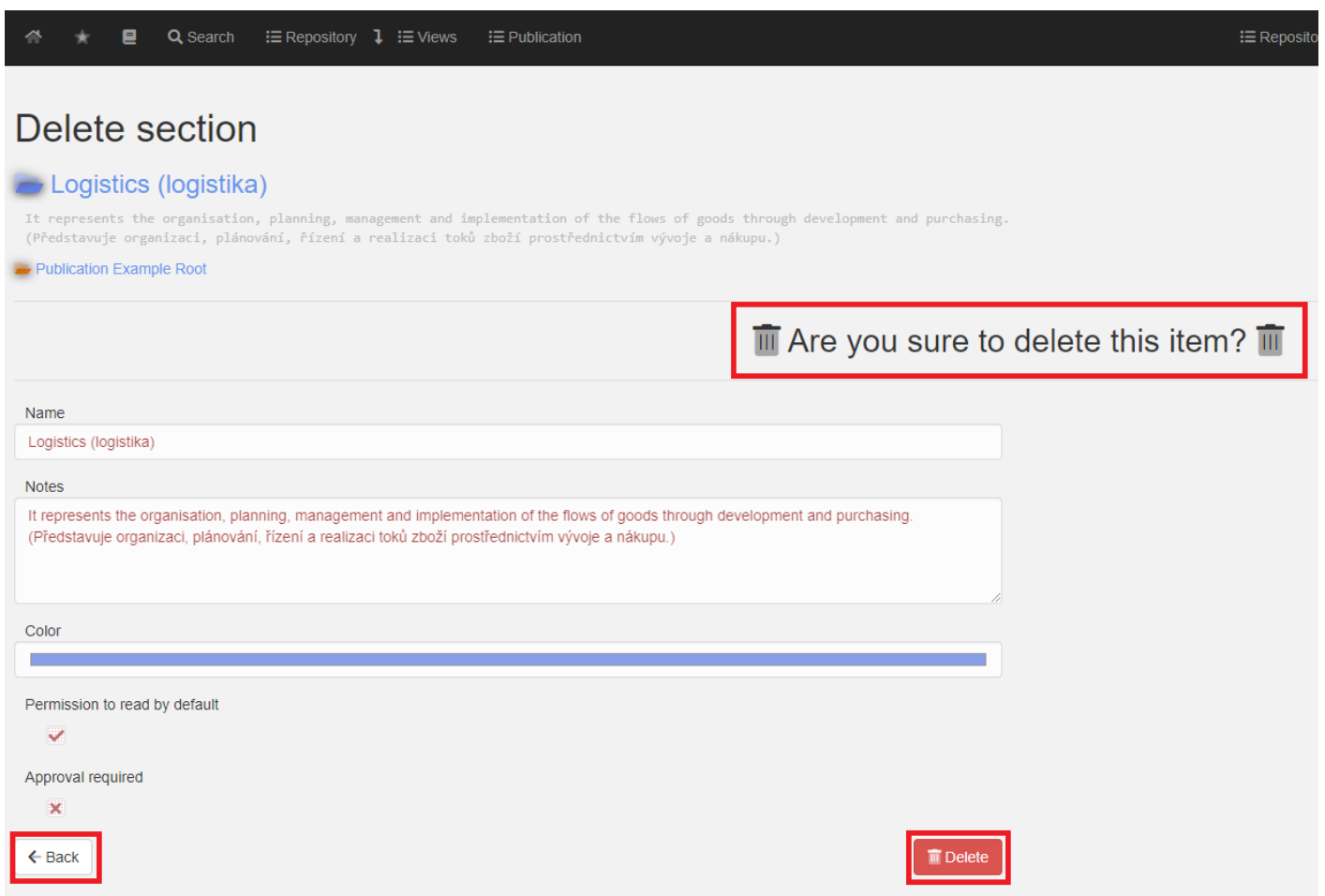
Delete a Section

Deleting a section is used to delete that section, while also deleting subordinate sections and publications.

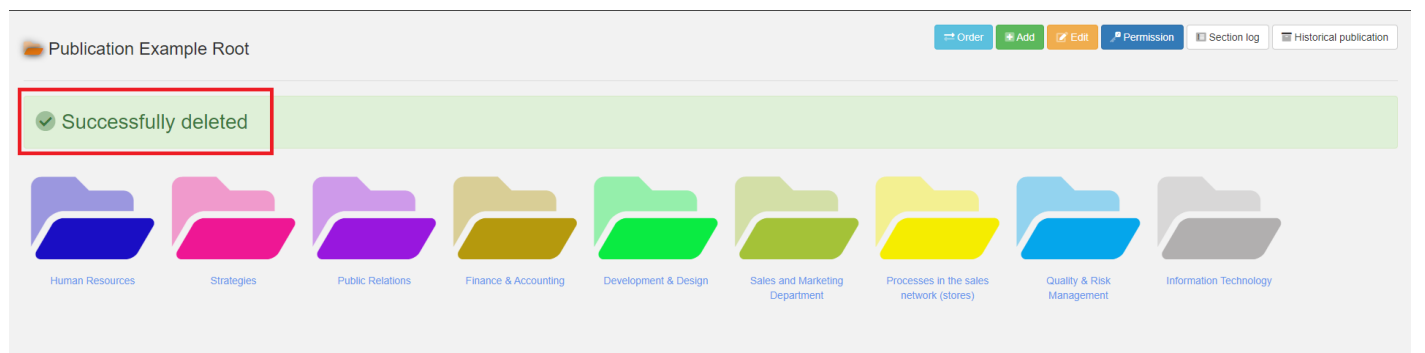
If the user wants to delete a section, he clicks on the "*Delete*" button and the "*Delete Section*" dialog is displayed.



The dialog shows the name, description, section color, and rights of the section the user wants to delete.



The warning message makes sure that the user really wants to delete the section. If not, the user will click the "*Back*" button which will return the user to the section and if the user really wants to delete the section, the user will click the "*Delete*" button, then the user will see a dialog with the warning message "*Successfully deleted*".

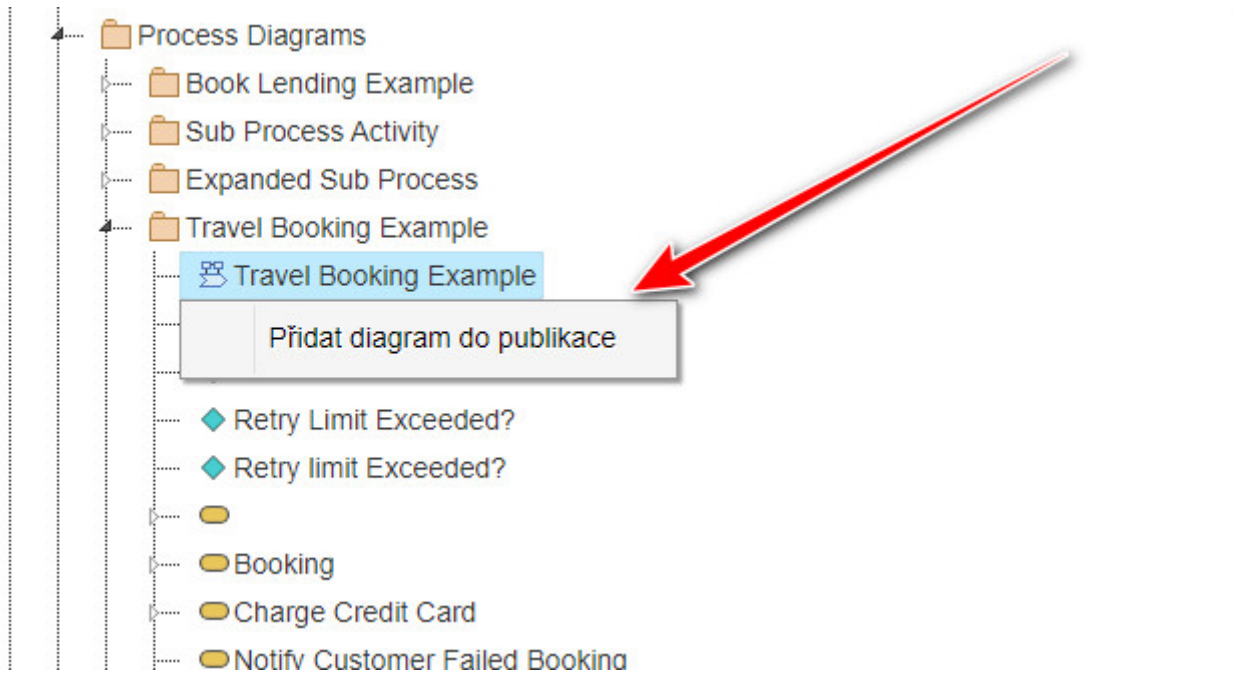


Publication statuses

- [Published Diagram](#)
- [Approval of Publications](#)
- [Historisation of Published Diagrams](#)
- [Logging Changes in a Publication](#)
- [Historical Publication](#)

Publishing a Diagram

The publishing of the diagram is done from the repositories. Publication can be done by any user with access rights to the repository.



The publishing dialog is accessible via the right button in the repository tree.

The 'Přidat publikaci' dialog box is shown. It contains the following elements:

- Výběr sekce k publikaci** (Selection of section for publication): A dropdown menu showing 'Prodej & Marketing'.
- Alternativní název k publikaci** (Alternative name for publication): A text input field.
- Popis publikovaného procesu** (Description of the published process): A text input field.
- Název** (Name): A text input field with the value 'Prodejní proces'.
- Verze** (Version): A text input field with the value '1'.
- Uložit** (Save): A green button at the bottom right.

The dialog for publishing the diagram appears.

The user fills in mandatory and optional data:

- Section to which the diagram should be published - the user selects the section to which he wants to publish the diagram by clicking
- The name of the publication - is pre-filled from the title of the dialog, the user can change the title freely
- Version - is pre-populated, the user can change it freely
- Note - additional description of the publication (optional more detailed text)

Once the user has clicked the "Save" button to publish the diagram, it will be displayed in the appropriate section within moments. At the moment of publication, a copy of the diagram is created, including the elements and their details (up to a configurable level). The user can therefore edit or delete the original diagram without affecting the published or currently approved diagram. The copy is not created in the EA repository, but in the Infoport metadata, so the repository is not affected by this functionality.

A diagram can be published to multiple sections with multiple versions.

Approval of Publications

If approval of diagrams is required in a section, then the diagram will be displayed in the section only to owners and approvers – until it is approved or rejected.

The section owner or approver can view the relevant diagram, including metadata (who wants to publish the diagram and when), version, alternative name, etc.



In the section, the user sees a list of publications designated "*For Approval*" and a list of "*Approved*" publications.

Rejected publications can be viewed using the "*Historical Publications*" button.

In the "*To be approved*" section, the user clicks on the preview of the diagram he wants to reject or approve.

Repository Example
Vyhledávání
Repozitář
Publikace
Správa repozitáře
Petr Kalíš (pkalis)
Odhlášení

Nový prodejní proces (Ke schválení)
Sejce
Upravit
Smazat
Změnit stav
Přepublikovat
Přesunout
Log publikace

Business Process Travel Booking Example

Poklepáním na element se zobrazí detaily

Schválit / zamítnout

Informace k publikaci

Name	Type	Stereotype	Version
Travel Booking Example	Analysis		1.0
Author	Created	Modified	
Alma Cogan	05.10.2010 00:00:00	20.04.2012 00:00:00	
Notes			

Ostatní zveřejněné publikace

Detail
Informace o publikaci

Název	Stav	Verze
Nový prodejní proces	Ke schválení	4
Publikaci vložil	Datum vložení	
Petr Kalíš (pkalis)	28.05.2020 02:54	
Popis		
Nová verze prodejního procesu		

To approve or reject, the user clicks on the "Change Status" button.

Repository Example

Search

Repository

Views

Publication

Envelope status change

Logical Data Model (In approval)

RootRepository Example - Lidské zdroje (HR)

Decision reason

Published from

30.09.2021

Published to

31.12.9999

Back

Approve

Deny

When approving or rejecting, the user must state the reason for the decision (e.g., found an error in the business process, etc.)

The validity of the publication is pre-populated by the system, published from is set to the current date and published to is set without date limitation.

Both of these values can be changed by the user. For example, he sets that version 1 of a particular business process is valid until 31.1.2018 and the new version of the same process (2) is valid from 1.1.2019.

After filling in these data, the user clicks on the "Approve" or "Deny" button.

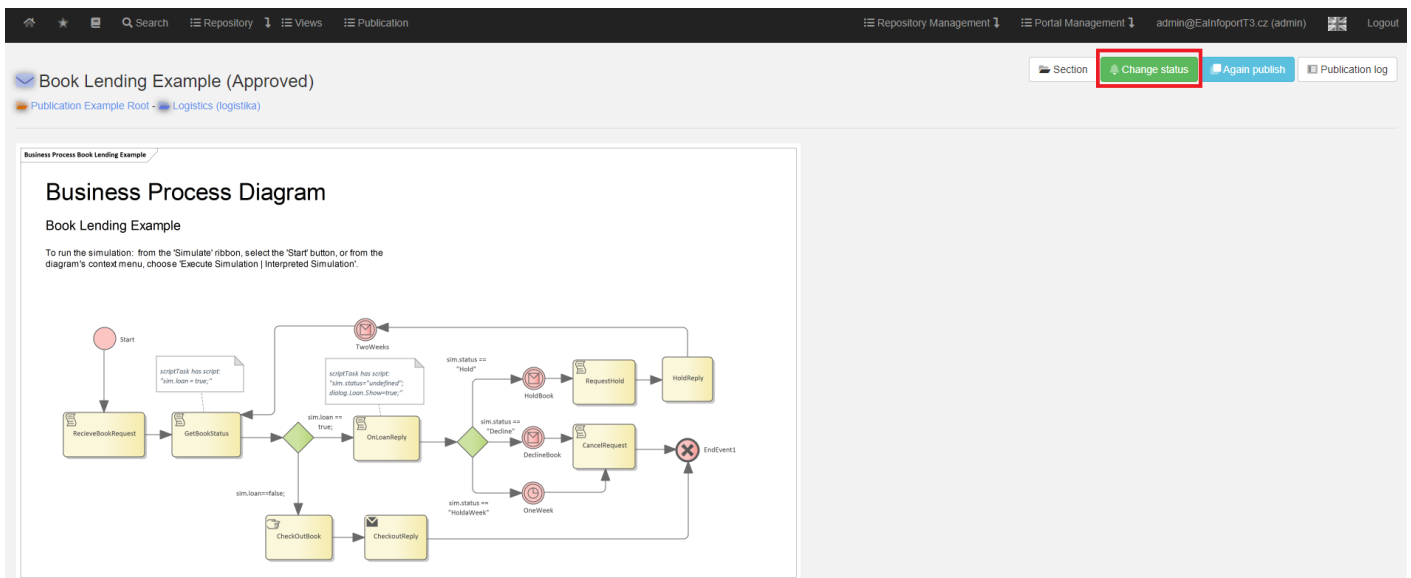
If the "Approve" button has been used, the dialogue will move to the "Approved" section and if the "Deny" button has been used, users will not see it in the section and it is available in the "Historical Publications"

Historisation of Published Diagrams

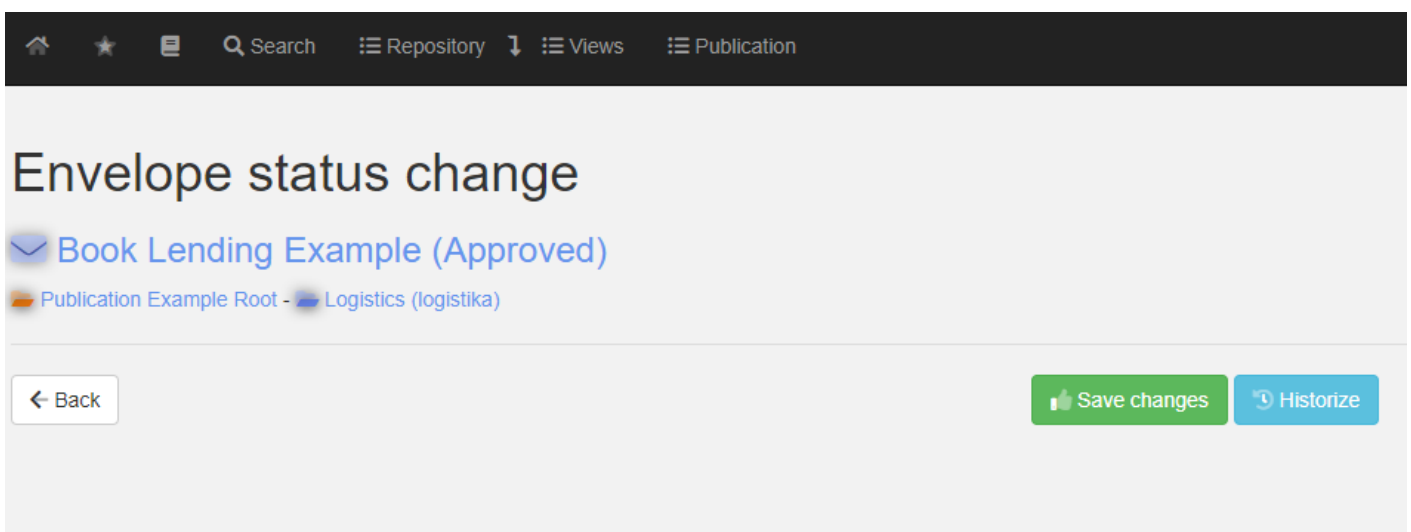
Historical artifacts (these are artifacts that have expired publications) are used to preserve rejected and historicized diagrams.

Because it is still preserved in the Infoport metadata, they can be re-approved if necessary.

On the detail of an approved publication, the user has the option to expire the publication, i.e. historicize it.



The user clicks on "Change Status" to see the "Change Publication Status" detail.



Once the user clicks on the "*Historicize*" button, the publication is moved to the "*Historical publications*".

Book Lending Example (Historized)

Publication Example Root -> Logistics (logistika)

Successfully saved

Business Process Book Lending Example

Business Process Diagram

Book Lending Example

To run the simulation: from the 'Simulate' ribbon, select the 'Start' button, or from the diagram's context menu, choose 'Execute Simulation | Interpreted Simulation'.

```

graph TD
    Start((Start)) --> ReceiveBookRequest[ReceiveBookRequest]
    ReceiveBookRequest --> GetBookStatus[GetBookStatus  
scriptTask has script:  
"sim_loan = true;"]
    GetBookStatus --> D1{ }
    D1 -- "sim_loan == true;" --> OnLoanReply[OnLoanReply  
scriptTask has script:  
"sim_status += \"underway\";  
delay loan_sim_start_time;"]
    OnLoanReply --> D2{ }
    D2 -- "sim_status == \"hold\"" --> HoldBook[HoldBook]
    HoldBook --> RequestHold[RequestHold]
    RequestHold --> HoldReply[HoldReply]
    HoldReply -- "TwoWeeks" --> D1
    D2 -- "sim_status == \"decline\"" --> DeclineBook[DeclineBook]
    DeclineBook --> CancelRequest[CancelRequest]
    CancelRequest --> EndEvent1(((EndEvent1)))
    CancelRequest --> OnLoanReply
  
```

The user can click on the "*Republish*" button and select the section in which to save the publication.

Human Resources

Strategies

Public Relations

Finance & Accounting

Development & Design

Sales and Marketing Department

Processes in the sales network (stores)

Quality & Risk Management

Information Technology

Logistics (logistika)

Name

Book Lending Example

Version

2

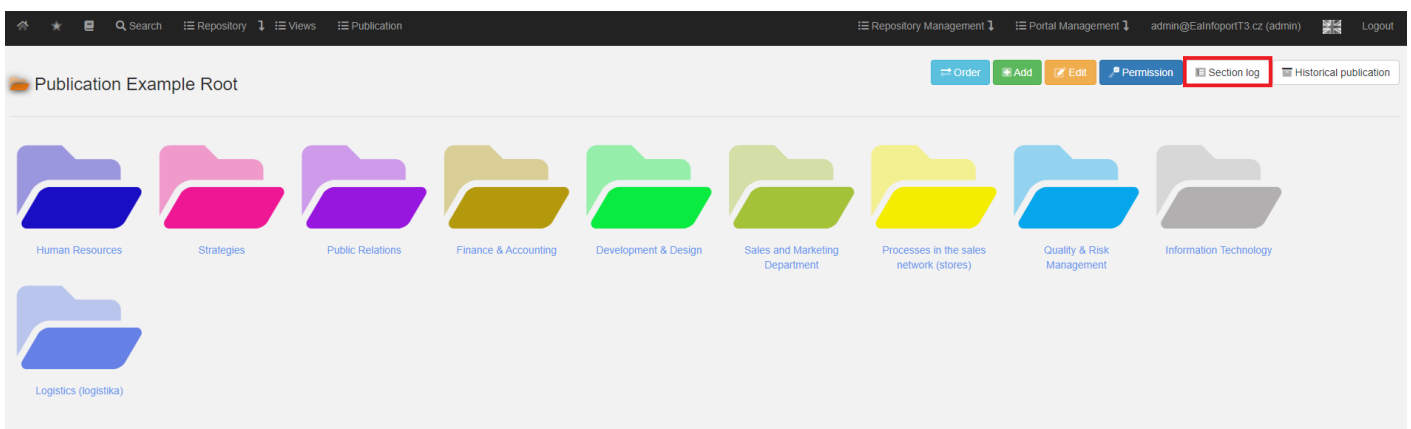
Notes

Save

Logging Changes in a Publication

All changes to the published diagram (publication, approval, rejection, adding to another section and other activities in the publishing module) are logged. The log can be displayed in the UI.

The user can view the report below by clicking on the "*Section Log*" button located on the section tab.



In this table, you can click through to sections or publications where a change has been made.

The screenshot shows the 'Section log' interface. It features a toolbar with buttons for Order, Add, Edit, Permission, Historical publication, and Live publication. Below the toolbar, there is a table with the following columns: Change timestamp, Username, First name, Surname, Section, Publication, Change type, Old value, and New value. The table contains five entries, all performed by 'admin' on '2021-09-07'. The changes involve the 'Abstract Class Model' publication, with updates to its status (from 'Approved' to 'Historized'), description (from 'Automatically Approved' to 'Approved'), and valid from/to dates (from '2021-09-07' to '2021-09-07').

Change timestamp	Username	First name	Surname	Section	Publication	Change type	Old value	New value
09:15:46 2021-09-07	admin			Publication Example Root	Abstract Class Model	Status	Approved	Approved
09:37:56 2021-09-07	admin			Publication Example Root	Abstract Class Model	Status	Approved	Historized
09:37:56 2021-09-07	admin			Publication Example Root	Abstract Class Model	Description	Automatically Approved	Approved
09:37:56 2021-09-07	admin			Publication Example Root	Abstract Class Model	Valid from	2021-09-07	2021-09-07
09:37:56 2021-09-07	admin			Publication Example Root	Abstract Class Model	Valid to		

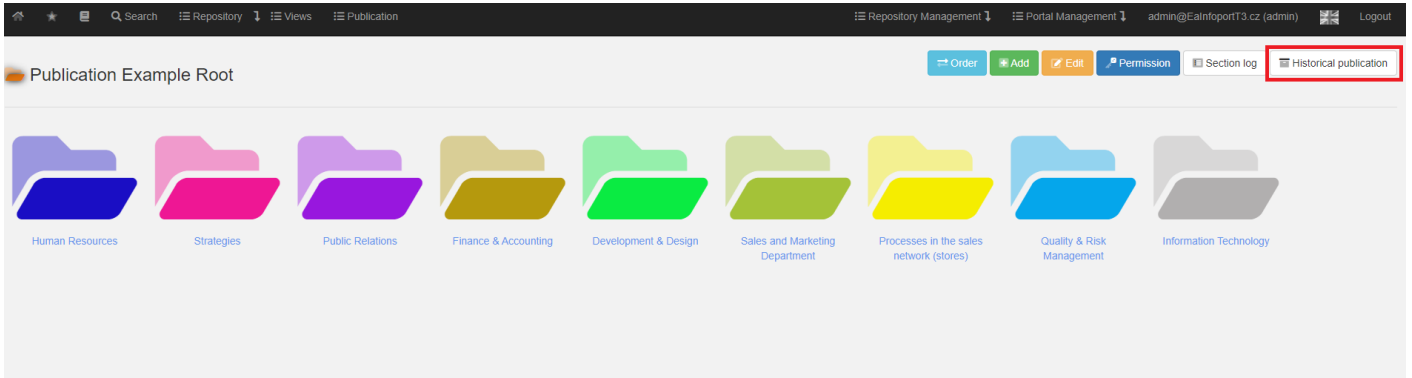
Showing 1 to 5 of 5 entries

Show 10 entries

Historical Publication

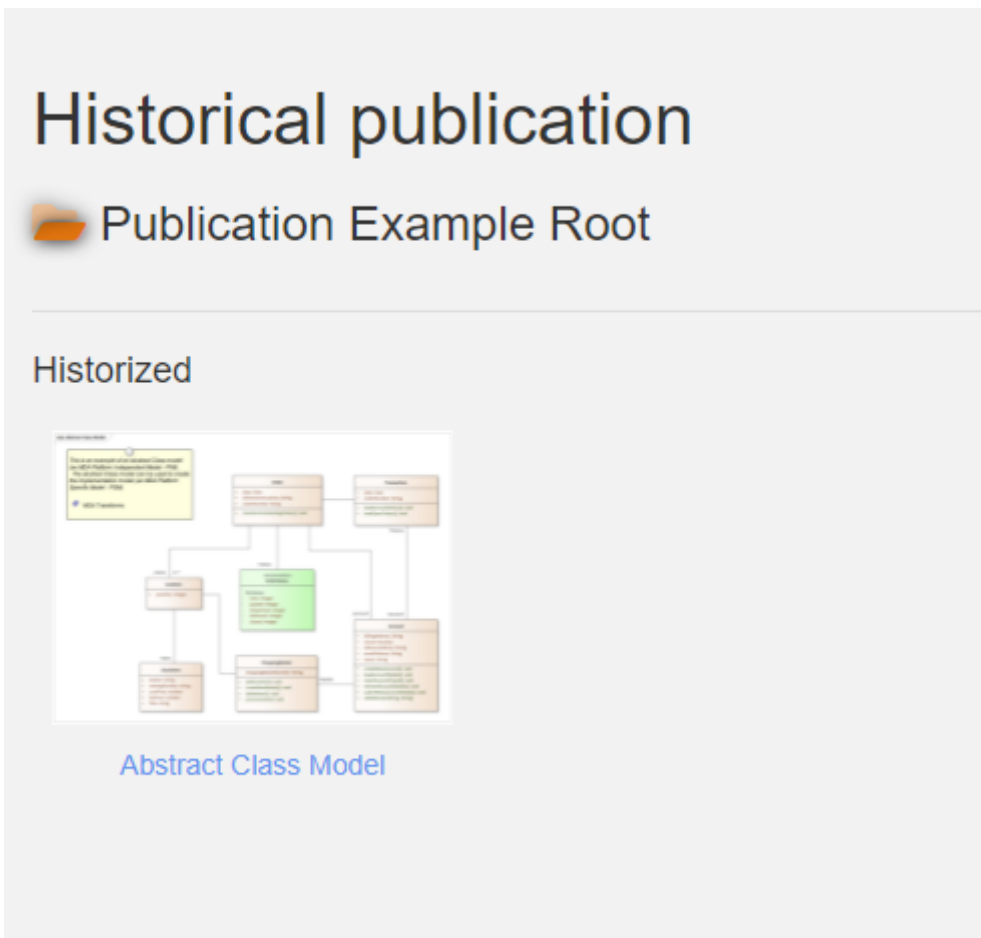
Historical artifacts (these are artifacts that have expired publications) are used to preserve rejected and historicized diagrams.

From these states, they can be re-approved if necessary.



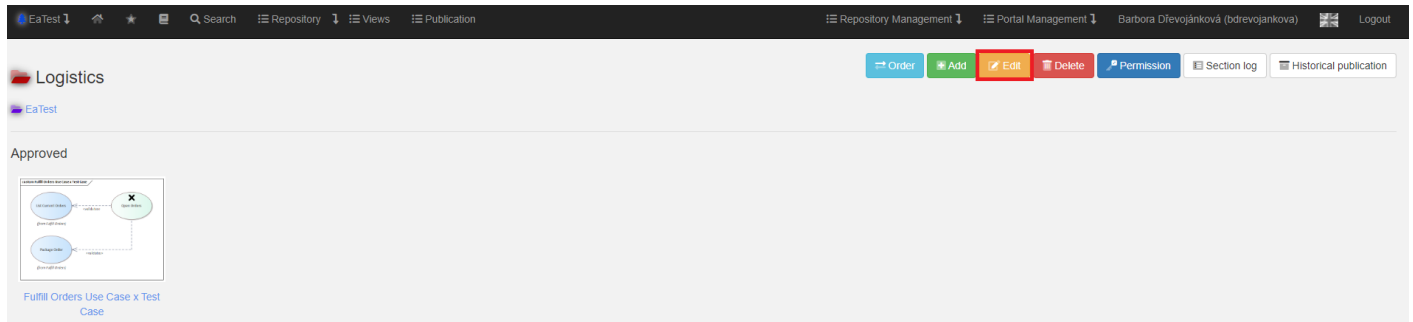
The user can view the list of historicized diagrams and also view the historicized diagrams (including element details).

It is therefore a very efficient way of versioning.



Setting default section rights

The default section rights settings can be found under the "*Edit*" icon.



The user will be presented with the following dialog where they can set/change the default rights "**Reading is enabled**" and "**Approval is required**".

- **Reading is allowed:**

- When checked, users/groups can default to read the package and any child packages that do not have the default read disabled.
- When checked with an "x", users/groups cannot default read a package and all its child packages that do not have default read enabled.
- With an "empty square", the user/group inherits default privileges from the parent packages.

- **Approval required:**

- When checked, diagrams are added to the publication in the "*To be approved*" state. When unchecked, the status is "Approved".

EaTest

Search

Repository

Views

Publication

Edit section

Logistics

EaTest

Name

Logistics

Notes

Color

Permission to read by default

☐

Approval required

☒

← Back

Save

If everything is set, the user clicks the "Save" button.

Rights in the publishing module

For each section, you can set your own permissions.

If a section does not have a permission set, the permission from the parent section is taken over.

Logistics (logistika)

It represents the organisation, planning, management and implementation of the flows of goods through development and purchasing.
(Představuje organizaci, plánování, řízení a realizaci toků zboží prostřednictvím vývoje a nákupu.)

Publication Example Root

Order

Add

Edit


Delete

Permission

Section log

Historical publication

Approved



Book Lending Example

Setting one section:

Permissions for this section

Logistics (logistika)

It represents the organisation, planning, management and implementation of the flows of goods through development and purchasing.
(Představuje organizaci, plánování, řízení a realizaci toků zboží prostřednictvím vývoje a nákupu.)

Publication Example Root

User has access	Permission	Username	First name	Surname	Email	Department
<div>▼</div> <div>Q</div>	<div>▼</div> Search term... <div>Q</div>	<div>▼</div> Search term... <div>Q</div>	<div>▼</div> Search term... <div>Q</div>	<div>▼</div> Search term... <div>Q</div>	<div>▼</div> Search term... <div>Q</div>	<div>▼</div> Search term... <div>Q</div>
<input checked="" type="checkbox"/>	Reader	kkockova	Kateřina	Kočkova	kkockova@test.cz	Test
<input type="checkbox"/>	Owner	kkockova	Kateřina	Kočkova	kkockova@test.cz	Test
<input type="checkbox"/>	Approver	kkockova	Kateřina	Kočkova	kkockova@test.cz	Test
<input checked="" type="checkbox"/>	Reader	ssrna	Stanislav	Srna	stanislav.srna@EainfoportT3.cz	IT
<input type="checkbox"/>	Owner	ssrna	Stanislav	Srna	stanislav.srna@EainfoportT3.cz	IT
<input type="checkbox"/>	Approver	ssrna	Stanislav	Srna	stanislav.srna@EainfoportT3.cz	IT

Back

Show groupsOwnerApproverReader

Showing 1 to 6 of 6 entries

Show 10 entries

Setting user and group permissions

There are 3 levels of authorisation:

- The lowest permission is "**Reader**", who can see the published diagrams but cannot manipulate them. This means that he has no right to approve or reject the publication.
- The "**Approver**" can approve or reject the publication, or later historicize it.
- The "**Owner**" has the highest authority. He can approve, reject and historicize a publication. He can set the section name, comments and section color, and most importantly the section permissions.

- The user permission "**Owner**" has no restrictions in the section and its subsections.
- User permissions "**Approver**" and "**Reader**" are affected in subsections where they do not have exclusive personal permission and the default permission is set.
- User permissions take precedence over the default permission in that section. Subsections that do not have the default permission set inherit the user permission.

Permissions for this section

Logistics (logistika)
It represents the organisation, planning, management and implementation of the flows of goods through development and purchasing.
(Představuje organizaci, plánování, řízení a realizaci toků zboží prostřednictvím vývoje a nákupu.)

Publication Example Root

User has access	Permission	Username	First name	Surname	Email	Department
<input checked="" type="checkbox"/>	Reader	kkockova	Kateřina	Kočková	kkockova@test.cz	Test
<input type="checkbox"/>	Owner	kkockova	Kateřina	Kočková	kkockova@test.cz	Test
<input type="checkbox"/>	Approver	kkockova	Kateřina	Kočková	kkockova@test.cz	Test
<input checked="" type="checkbox"/>	Reader	ssrna	Stanislav	Srna	stanislav.srna@EainfoportT3.cz	IT
<input type="checkbox"/>	Owner	ssrna	Stanislav	Srna	stanislav.srna@EainfoportT3.cz	IT
<input type="checkbox"/>	Approver	ssrna	Stanislav	Srna	stanislav.srna@EainfoportT3.cz	IT

[← Back](#)

Showing 1 to 6 of 6 entries

[Show groups](#) [Owner](#) [Approver](#) [Reader](#)

Show 10 entries

Using the "**View users**" or "**View groups**" button, you can view the rights of this section through users or groups.

The "**Owner**, **Approver**, **Reader**" buttons are used to filter by role. For example, if you want to see a list of all approvers, click on the "**Approver**" button.

Permissions for this section (Approver)

[Add user](#) [Add group](#) [Remove user](#) [Remove group](#)

Logistics (logistika)

It represents the organisation, planning, management and implementation of the flows of goods through development and purchasing.
(Představuje organizaci, plánování, řízení a realizaci toků zboží prostřednictvím vývoje a nákupu.)

[Publication Example Root](#)

User has access	Permission	Username	First name	Surname	Email	Department
<input type="checkbox"/>	Approver	kkockova	Kateřina	Kočková	kkockova@test.cz	Test
<input type="checkbox"/>	Approver	ssrna	Stanislav	Srna	stanislav.srna@EainfoportT3.cz	IT

[← Back](#) [Show groups](#) [All](#) [Owner](#) [Reader](#)

Showing 1 to 2 of 2 entries

Show 10 entries

Adding or removing privileges is changed using a checkbox and after clicking/unclicking, the message successfully added or removed is displayed.

Permissions for this section

Logistics (logistika)

It represents the organisation, planning, management and implementation of the flows of goods through development and purchasing.
(Představuje organizaci, plánování, řízení a realizaci toků zboží prostřednictvím vývoje a nákupu.)

[Publication Example Root](#)

✓ Successfully added

User has access	Permission	Username	First name	Surname	Email	Department
<input checked="" type="checkbox"/>	Reader	kkockova	Kateřina	Kočková	kkockova@test.cz	Test
<input type="checkbox"/>	Owner	kkockova	Kateřina	Kočková	kkockova@test.cz	Test
<input checked="" type="checkbox"/>	Approver	kkockova	Kateřina	Kočková	kkockova@test.cz	Test
<input checked="" type="checkbox"/>	Reader	ssrna	Stanislav	Srna	stanislav.srna@EainfoportT3.cz	IT
<input type="checkbox"/>	Owner	ssrna	Stanislav	Srna	stanislav.srna@EainfoportT3.cz	IT
<input type="checkbox"/>	Approver	ssrna	Stanislav	Srna	stanislav.srna@EainfoportT3.cz	IT

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