

# How-To: Project and Publication Management

## 1. Project Description

- 1) To add the project description, go to your project page and click on “Edit” button:

[Service and General Projects](#) / [INF](#)

INF



The **INF project** develops [MatInf](#) - an [open-source](#) Research Data Management System according to the [CRC/TRR 247](#) needs and aligns data management efforts across working groups.

More information can be found in [How To...](#), [presentations](#), and related projects: [CRC 1625 INF](#), [DEMI INF](#), [MDI](#).

**Take a look at subprojects:**

- [Presentations](#)
- [Templates](#)

Hint: if you don't see blue **Edit** button, you are not allowed to edit the entry: only owner (user who created the subproject) and administrators () can modify the project and its description). The ownership of project belongs to one of the project members (if it's not you and you want to become an owner – write to me ([victor.dudarev@rub.de](mailto:victor.dudarev@rub.de)), I'll change the ownership to you.

- 2) Click on “show more parameters” to expand the form:

Editing **INF** [Id=174] X

---

**Name\***

name of the node show more parameters

---

Close Save

3) Once the form is expanded, you'll see a **Text** field. Add/adjust your project description (HTML markup is allowed) and click on **Save** button:

**Editing INF** [Id=174] X

---

**Name\***  
INF  
name of the node  [hide more parameters](#)

**Parent Id**  
Service and General Projects ▼  
Don't change it if you are not sure what you are doing

**Sort Code**  
30  
within a parent all children are sorted by this number (ascending)

**Access Control (accessibility)**  
public ▼  
*public - to all; partner - to authorized users with [Partner](#) claim; protected - to authorized users ([User](#) role); protectedNDA - to authorized users with [NDA](#) claim; private - to you only*

**Text**  

```
<p>The <b>INF project</b> develops <a rel="nofollow" href="https://matinf.pro" target="_blank">MatInf</a> - an
```

description to show (HTML is allowed)

Created: 3/1/2023 12:04:35 AM by INF Victor Dudarev [vic.dudarev@gmail.com]  
Updated: 9/11/2025 2:53:21 PM by INF Victor Dudarev [vic.dudarev@gmail.com]

---

Close Save

## 2. Publication management

In general, you may place publications in any project node. However, we advise putting them (or at least a link) to the root node of your project, e.g., Area A / A09.

To create a new publication object you should click on the green **Add** button (with “+” sign):



From the long types list select the required one – **Publication**:

|                                      |   |           |  |  |   |
|--------------------------------------|---|-----------|--|--|---|
| <a href="#">Publication</a>          | 2 | Reference | Publication (published or is going to be published material according to current work)                                     |  | 4 |
| <a href="#">Literature Reference</a> | 0 | Reference | Information about publications that are considered useful within a project or to which you are referencing in publications |  | 3 |

Explanation: **publication** type should be used for published papers where at least one author belongs to the project. **Literature Reference** type – although having the same data structure – should be used for citing important papers without authorship within the project.

# Creating new object (Publication)

|                                |                                    |                 |   |
|--------------------------------|------------------------------------|-----------------|---|
| Type                           | Publication                        |                 |   |
| Access Control (accessibility) | public                             | Sort Code (asc) | 0 |
| Project ID                     | _Templates <span>Show Links</span> |                 |   |
| Name                           |                                    |                 |   |
| URL (unique)                   | Input unique URL part              |                 |   |
| File Path                      | Choose File                        | No file chosen  |   |
| Description                    |                                    |                 |   |

**InfProject.Models.Reference - generic form start**

|                                |   |
|--------------------------------|---|
| Authors list (comma-separated) |   |
| Title                          |   |
| Journal                        |   |
| Year                           | 0 |
| Volume                         |   |
| Number (issue)                 |   |
| Start Page                     |   |
| End Page                       |   |
| DOI                            |   |
| URL                            |   |
| BibTeX                         |   |

**InfProject.Models.Reference - generic form end**

Close and back to the Site Save

In the new object creation form please add your publication data, respecting the following considerations regarding general fields:

- **Name:** <journal>, <year> (<last name of the first author>)
- **Description:** <authors>. “<Title>”, <journal>, <year>, <volume>, <issue>, <pages>. DOI: <DOI>.

All publication-specific fields should be filled in (as many as possible and relevant to your publication):

- Authors list (comma-separated): authors list as it appears in the publication in the format “<last name> <first name first letter>” for every author.

- **Journal:** journal name

- **Year:** publication year

**Volume:** journal volume (if specified)

**Number (issue):** journal number/issue (if specified)

**Start Page:** if relevant

**End Page:** if relevant

**DOI:** the DOI without an URL prefix, e.g., 10.1038/s41524-025-01618-1 (please check in browser, that if you add <https://www.doi.org/> prefix to your DOI it resolves to the publication page)

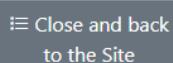
**URL:** publicly available URL of the publication page

**BibTeX:** reference list (optional)

The example of a filled form is shown below:

| Type  | Publication   |                         |   |
|---|---|-------------------------|---|
| Object ID →   | 29896   | External Id (auxiliary) |   |
| Created   | 5/21/2025 3:00:42 PM  | Created By              | INF) Victor Dudarev [vic.dudarev@gmail.com]   |
| Updated   | 10/14/2025 12:41:18 PM  | Updated By              | INF) Victor Dudarev [vic.dudarev@gmail.com]   |
| Access Control (accessibility)                          | public  | Sort Code (asc)         | -100  |
| Project ID →  | _INF  |                         |  |
| Name  | npj Comput Mater, 2025 (Dudarev)  |                         |   |
| URL (unique)  | npj-comput-mater-2025-dudarev-29896   |                         |   |
| File Path   | Choose File   | No file chosen          |   |
| Description   | Dudarev V., Banko L., Ludwig A. "An extensible open-source solution for research digitalization in materials science". <i>npj Comput Mater</i> , 2025, 11, 116. DOI: <a href="https://doi.org/10.1038/s41524-025-01618-1" rel="nofollow" target="_blank">10.1038/s41524-025-01618-1</a>   |                         |   |
| <b>InfProject.Models.Reference - generic form start</b> |   |                         |   |
| Authors list (comma-separated)                          | Dudarev V., Banko L., Ludwig A.   |                         |   |
| Title   | An extensible open-source solution for research digitalisation in materials science   |                         |   |
| Journal   | npj Comput Mater  |                         |   |
| Year  | 2025  |                         |   |
| Volume  |   |                         |   |
| Number (issue)  | 11  |                         |   |
| Start Page  |   |                         |   |
| End Page  |   |                         |   |
| DOI   | 10.1038/s41524-025-01618-1  |                         |   |
| URL   | <a href="https://www.nature.com/articles/s41524-025-01618-1">https://www.nature.com/articles/s41524-025-01618-1</a>   |                         |   |
| BibTeX  |   |                         |   |

**InfProject.Models.Reference - generic form end**





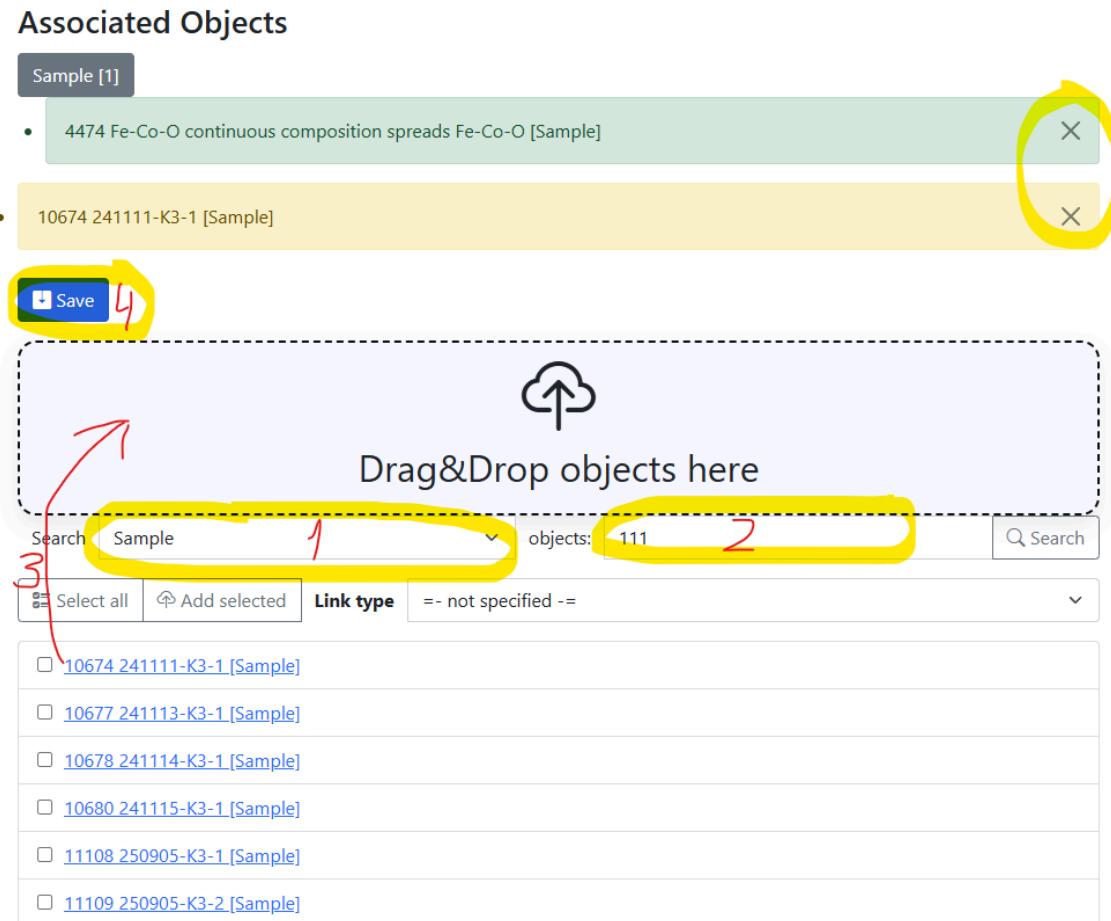
### 3. Linking your data to publication

A nice example of samples linked to the publication can be seen at <https://crc247.mdi.ruhr-uni-bochum.de/object/acs-combinatorial-science-2020-piotrowiak-29895>, where 9 samples are connected with the publication:



The screenshot shows a list of 'Associated Objects' with a heading 'Associated Objects'. A button labeled 'Edit links (Graph)' is highlighted with a yellow circle. Other buttons like 'Save' and 'New' are also visible.

You can edit links by clicking on the blue “Edit links (Graph)” button, highlighted on the figure. On the page you can search for objects you’d like to associate with 1) filtering the type; 2) specifying part of the name; 3) selecting object(s); 4) pressing the blue “Save” button:



The screenshot shows a list of 'Associated Objects' with a heading 'Associated Objects'. A button labeled 'Edit links (Graph)' is highlighted with a yellow circle. Other buttons like 'Save' and 'New' are also visible.

Hand-drawn numbers indicate steps:

1. Search bar: 'Search: Sample' with a red '1'.
2. Object count: 'objects: 111' with a red '2'.
3. Selection: 'Select all' button with a red '3'.
4. Save button: 'Save' button with a red '4'.

The interface includes a search bar, a list of objects to be linked, and a 'Drag&Drop objects here' area.

## 5. Displaying your publication in other project nodes

By default, objects are displayed only in the project where author's originally placed them.

To display any object in multiple projects you need to get know the ObjectId – a unique (within a tenant) persistent object identifier.

To find the ObjectId one can click on “**show more**” link on the object's page: [!\[\]\(3d8c13c92b853674f749aac6fa869926\_img.jpg\) show more](#)

You'll find the ObjectId (please, copy it) right next to the type of the object:

[Area A](#) / [A09](#) / [ACS Electrochemistry, 2025 \(Hiege\)](#)

# ACS Electrochemistry, 2025 (Hiege)

Type: Publication

 [hide more](#)

ObjectId: 30570

Created: 10/8/2025 3:37:40 PM by A09) Felix Hiege [felix.hiege96@gmail.com]

Next step is to locate the project you want to additionally display the publication, for example, [https://crc247.mdi.ruhr-uni-bochum.de/rubric/service-and-general-projects\\_inf](https://crc247.mdi.ruhr-uni-bochum.de/rubric/service-and-general-projects_inf). There you should click on the grey “Add Object Links” button:



In the pop-up dialogue, please paste the publication's ObjectId and press the blue “Add Link(s)” button:

## Add Object Links

X

Object ID list (comma-separated)

30570

Input comma-separated Object ID list

Close

Add Link(s)

The publication will be displayed as a link (with a grey button) in the list of objects (all objects are ordered in the list by Sort Code ascending, Object Name ascending):

| <a href="#">npj Comput Mater, 2025 (Dudarev)</a>   |  |  |  | Public Publication        |
|--|--|--|--|---------------------------|
| Dudarev V., Banko L., Ludwig A. "An extensible open-source solution for research digitalisation in materials science". <i>npj Comput Mater</i> , <b>2025</b> , 11, 116. DOI: <a href="https://doi.org/10.1038/s41524-025-01618-1">10.1038/s41524-025-01618-1</a>   |  |  |  |                           |
| Sort Code: -100  |  |  |  |                           |
| <a href="#">ACS Electrochemistry, 2025 (Hiege)</a>   |  |  |  | Public Publication [Link] |
| Hiege F., Sicking L., Kanokkanchana K., Cignoni P., Dudarev V., Ludwig A., Tschulik K. "The Crucial Role of Rotation Speed on the Determination of Tafel Slopes of Electrocatalysts in Rotating Disk Electrode Experiments", <i>ACS Electrochemistry</i> , <b>2025</b> . DOI: <a href="https://doi.org/10.1021/acselectrochem.5c00210">10.1021/acselectrochem.5c00210</a>                            |  |  |  |                           |
| Sort Code: 0   |  |  |  |                           |
| <a href="#">Communications in Computer and Information Science, 2024 (Dudarev)</a>   |  |  |  | Public Publication        |
| Dudarev V., Kiselyova N., Ludwig A. "Flexible Materials Properties Management System as a Basis for Data-Centric Systems in Inorganic Materials Science". In: J. Baixeries et al. (Eds.): DAMDID/RCDL 2023. <i>Communications in Computer and Information Science</i> , <b>2024</b> , v.2086, pp. 91-103. DOI: <a href="https://doi.org/10.1007/978-3-031-67826-4_7">10.1007/978-3-031-67826-4_7</a> |  |  |  |                           |
| Sort Code: 0   |  |  |  |                           |

If you want to place the linked publication to the top of the list you might want to change the **Sort Code** property to -200 (should be below -100, as -100 is the **Sort Code** of the first element in the list in this case).

If you want to place the linked publication to the bottom of the list you might want to change the **Sort Code** property to 100 (should be greater than 0, as 0 is the **Sort Code** of the last element in the list in this case).

The default **Sort Code** value is 0. To change the **Sort Code** value, you should have rights to modify the object (there “**Sort Code**” is one of the properties).