Introduction to the improved FIP Wizard

Demo

Barbara Magagna

Wizard elements
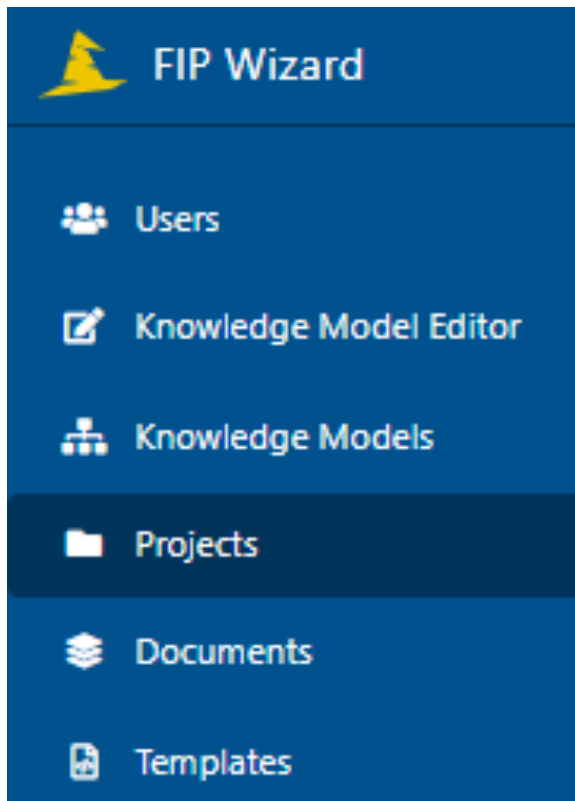
- Go to https://fip-wizard.ds-wizard.org/
- Get an account
- Users with different roles (normal: ‚researcher')
- Knowledge Model -> defines the structure of a project
- Project -> a FIP
- Documents: the output you generate from the FIP
- Template: predefined questionnaires to create
  - A FAIR Implementation Profile (FIP)
  - A FAIR Enabling Resource (FER)
  - A Metadata Longevity Plan

Create a Project

Create Project

From Template	Custom

Name

ACRONYM_FIP_YEAR

Template

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🔍 |

F **FAIR Implementation Community**
Define a new FAIR Implementation Community

F **FAIR Enabling Resource**
Define a new FAIR Enabling Resource

F **FAIR Implementation Profile**
Define a new FAIR Implementation Profile

M **Metadata Longevity Plan**
Define a new Metadata Longevity Plan

- Name your project using this syntax:

[Acronym]_FIP_[YEAR] (e.g. ICOS_FIP_2020

- Choose a template:
  - for FIPs use FAIR Implementation Profile
  - for mininting nanopubs use the other templates

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Clone a Project

	IAGOS_FIP_2020 🔗	Updated about 6 hours ago	⋮
	👥 · FIP Wizard 2, 0.10.1 (gofair:fip-wizard-2:0.10.1) · Answered 127/174		
	eLTER_FIP_2020 🔗	Updated	
	👥 · FIP Wizard 2, 0.10.1 (gofair:fip-wizard-2:0.10.1) · Answered 93/123		
	EuroArgo_FIP_2020 🔗	Updated	
	👥 · FIP Wizard 2, 0.10.1 (gofair:fip-wizard-2:0.10.1) · Answered 119/129		

📂 Open Project

🗐 Clone

⤬ Create migration

🗑 Delete

- You don't need to start from scratch

- We prepared the FIPs from 2020

- You can clone the FIP for your RI (2020) by clicking on the 3 dots

- Now you can start modifing the FIP

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Settings

- On the top you see different menus
- Go to Settings
- Change the name if needed
- Add metadata:
  - Description
  - Project Tags: envri, …

⚙️ Settings

Settings

Name

IAGOS_FIP_2020

Description

Project Tags

Add

envri

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Settings for document format

You can set the default document template and format

- You need to define which template you want to use
  - questionnaire report for human readable output
  - Nanopublication template for machine readable output
- For questionnaire report you can choose betweet several text based formats (word, pdf,…)
- For Nanopublication Format you can choose between
  - RDF Trig (this is the final format you need to publish your output
  - HTML Preview – we recommend to use this initially as you can use it to preview the output
- Then click save

Default document template

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🔍 |

Q **Questionnaire Report** 2.4.2
Exported questions and answers from a questionnaire

N **Nanopublication Template** 1.1.0
Creating nanopublications for submissions

N **Nanopublication Template** 1.1.0   ✕
Creating nanopublications for submissions

Default document format

○ 📄 RDF TriG   ○ 📄 Plain Preview

🔘 📄 HTML Preview

⚪ **Template Project**
Template projects can be used by other users so they don't have to start their new projects from scratch.

Save

Share your project

- Click on blue button ,Share' (top right)
- Add your registered colleagues if wished
- Give all added users a role (viewer, commenter, editor, owner)
- Make your project visible by all logged-in users but don't change the rights (,view')

Share

Share Project

Users

Add users

Thierry Carval — Owner ✕

Katrin Seemeyer — Viewer ✕

Visible by all other logged-in users

Other logged-in users can [view] the Project.

Cancel   Save

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Structure of the FIP

The FIP has 7 chapters

I About: info and links to guide and contact

II: Community and ORCID

III-VI: Questions per principles (F, A, I, R)

VII: Here you are linked to other forms to create nanopubs for FIC, FER and MLP

Chapters

I. About	✓
II. Declare your FAIR Implementation Community	✓
III. Declarations for Findability	3
IV. Declarations for Accessibility	✓
V. Declarations for Interoperability	5
VI. Declarations for Reusability	2
VII. Register a new resource as a nanopublication	✓

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Chapter II

1. First you need to define your community
2. Click on the field, check the drop down if you can see your community
3. If your community is not provided you need to mint it looking at chapter VII
4. For the Community Data Steward enter your personal ORCID (only enter the numbers).
5. If you don't have yet an ORCID, go to https://orcid.org
6. You can see that not yet answered questions are marked red
7. All answers are saved automatically

1 Select your FAIR Implementation Community

In the drop-down list, select your FAIR Implementation Community. If you Implementation Community. Once you create this nanopublication, you will the Community can be accessed below (in Chapter VII. Register a new resource as a

2 Who is the Community Data Steward?

As the Community Data Steward, you take the responsibility to represent your how to implement the FAIR Principles. Provide your ORCID here (like this: 0000-

0000-0002-6117-4755

Answered about 7 hours ago by Jacintha Schultes.

Declare your FERs – general structure

Question

Helptext

Answer options

(required to choose one)

1 **Declaration F1 Metadata: What globally unique, persistent, resolvable identifiers do you use for metadata records?**

Principle F1 states that digital resources, i.e., data and metadata, must be assigned a globally unique and persistent identifier in order to be found and resolved by computers. A service that provides globally unique, persistent and resolvable identifiers (GUPRIs) for digital objects such as metadata and data. The GO FAIR Foundation also recommends that the identifier be resolvable by machines (where 'resolvable' means that the object it identifies, and metadata about it, are automatically retrievable). Such identifiers are referred to using the acronym, GUPRI. Typically, communities will implement GUPRI's for their own purposes by using existing identifier services, such as for example, the commonly known Digital Object Identifier (DOI). Different identifier service providers offer different kinds of resolution services that could impact F2 and I. *Select below, a service that provides globally unique, persistent and resolvable identifiers for digital objects such as metadata and data.*

○ **a. Declaration: No implementation choice has been made by this community**

○ **b. Declaration: FAIR Enabling Resource(s)**

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List your FERs – general structure

Choose your FER from the list, prefer those that are GFF qualified

If not found mint a new FER (chapter VII)

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Answer options

(required to choose one)

In the consideration field you can add community requirements as free text

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If you want to declare more than one FER per question, use the +ADD button

List your FERs – general structure

If you want to answer this question later, click on the plus button to get a TODO reminder for later

All the TODOs are shown on the top right, you can use the list for easy navigation

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You can add also a comment using the bublle icon and you can use the comment list to navigate to the marked question

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We provided those reminders for you to review the FIPs 2020

List your FERs – general structure

If you want to declare that you use a FER now but you you will **replace** this **in the future** with another FER, you have to choose which FER will be used

This FER used in future might be an **available** resource or a resource **in development**

If you cannot find the FER you can mint a new one (chapter VII)

Minting a new FER

If you want to mint a new FER you go to chapter VII and choose the template you need.

A new project will be started, name your resource

Two chapters:

I - you need to add your ORCID

II: all details about the FER

A FER can be availabe or needs still to be developed

A FER can be of different types (e.g. be a metadata scheme but also a data scheme)

Create new nanopublications

To create a nanopublication referencing your **FAIR Implementation Community (FIC)** please use this template

To create a nanopublication referencing your **FAIR-Enabling Resource (FER)** please use this template

To create a nanopublication referencing your **Metadata Longevity Plan (MLP)** please use this template

I. Author   1

II. Definition   4

4 **This resource is:**

☑ Desirable: *Defining FAIR-enabling resou*

○ a. available

○ b. to be developed

5 **Type(s) of resource**

5.a.1 **Type**

+ Add

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Publishing a FER

After filling out all fields and making sure you are happy with the content you should publish your FER:

Go to Documents – new document

Choose RDF Trig and create the document

If no error appears you can submit the nanopub clicking on the three dots

Choose *Nanopub Server*

Click on *view submission* -> You will see the created FER as a nanopub

Go back to your FIP project: you can find it by clicking on the blue area (left)

This FER will now appear in the drop downs where the FER type is expected (e.g. identifier for F1)

The FER will not have a GFF qualification, as this needs to be checked prior

The qualification process will take a few days

You can already use the FER before it gets a qualification

If it is not accepted you will get a notification about the reason

Updated 1 day ago ⋮

⬇ Download
🚀 Submit

🗑 Delete
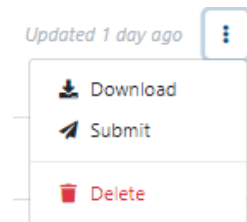
Submit ICOS_FIP_2020

○ **Nanopub Server (local, testing)**
  Testing only: submit to dummy nanopub server: nanopubs.fip
  wizard.ds-wizard.org

⦿ **Nanopub Server (server.nanopubs.lod.labs.vu.nl)**
  Publish nanopublication on **production** nanopublication serve
  server.nanopubs.lod.labs.vu.nl.
  Use only if certain that you want to publish it!

Cancel   Submit

Publishing a FIP

After filling out all fields and making sure your content is correct you should check whether the FER is ready to be published:
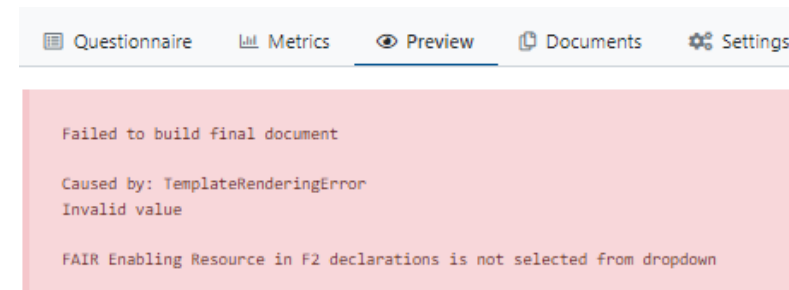
Go to Preview:

If there are errors, you will see a red box with hints where to provide the missing information

These are possible error reasons:

- Missing FAIR Implementation Community
- Missing or wrong style for ORCID
- A question has not been answered
- A FER has not been provided
- A FER was not declared if used currently or in future
- A planned FER was not specified

Only after correcting all errors you can submit a nanopublication.

☰ Questionnaire   � Metrics   ◉ Preview   ⎙ Documents   ⚙ Settings

Failed to build final document

Caused by: TemplateRenderingError
Invalid value

FAIR Enabling Resource in F2 declarations is not selected from dropdown

Please create a nanopub (RDF trig) and submit it. But in addition please create a Word doc and upload it in OSF.

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