



STADT FRANKFURT AM MAIN

# Quick Start Guide

## Publishing Pipeline

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# Welcome!

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This is a quickstart guide for you to learn how use the rapid publishing pipeline for making reports, papers, manuals, or books, etc.

The quick start guide is for publication managers and contributors.



We'll be working with an online collaborative word processor and using 'one click publishing' to multi-format — all using secure, self-hosted, open-source software. You can distribute your publication as: a website, paginated website, PDF, print-on-demand, eBook, and more.

As a bonus we'll throw in some of the latest 'enhanced publication' features from the world of open science to create greater visibility and reuse of your publication.

## Digital sovereignty

Our committed to security and privacy to keeping you personal information and content secure: The system can be self-hosted, is open-source, has full GDPR compliance, uses two factor authentication and OAuth authentication, and secure revision histories using cryptographic IDs and persistent IDs so your readers always know they are on the latest publication version.



## Features included

- Collaborative work space: invite designers, editors, proofers, or reviews to work on the book.
- Multi-format publication outputs: website, PDF, paginated web, eBook, and print-on-demand etc.

- Automatic typesetting and layout design, so no time consuming typesetting.
- Single-source publishing: Make an edit and distribute to all formats.
- Citation manager.
- Open-source software and 'pipeline architecture' designed for system integration.

## What you will learn here:

1. How to prepare your public Git repository for storing your publication data, with an option to enable a website.
2. To setup your publication's online collaborative word processor.
3. Invite your team to collaborate on writing online.
4. How to Publish.
5. Adding 'enhanced publication' features to transform your work into a living publication.

## The steps used to create a publication



1. Create a repository and website

2. Create a book (collation of documents)
3. Invite the team
4. How to publish multi-format
5. About enhanced publications

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# Step 1: Make a Repository

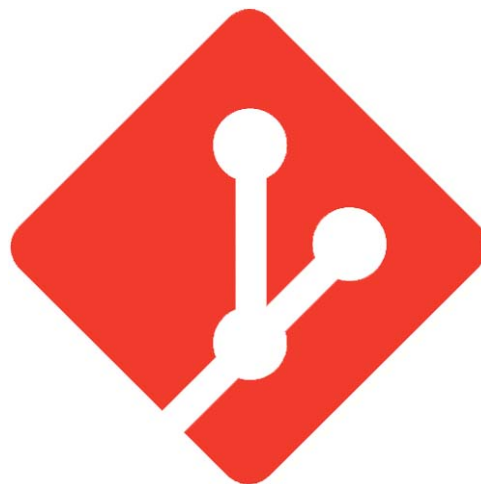
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A repository is the data storage location of your outputted publication.

## About

The repositories use Git<sup>1</sup> technology which allows for versioning of your publication.

We save to GitHub and GitLab (Perkel 2016). GitLab can be used as GitLab.com or as a self-hosted instance for private publications, or for staging publications. We use GitLab Community Edition for self-hosting which is open-source software. GitHub is not open-source but is useful for distribution and visibility.



Git logo

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<sup>1</sup> Git is open-source software that both GitHub and GitLab are built on – think of it as a time machine for code and all that could do.





Octocat: GitHub's mascot



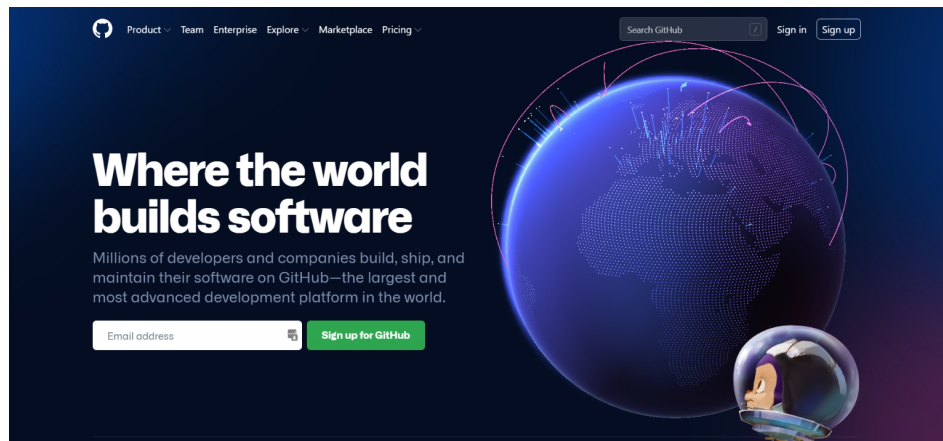
GitLab logo

## Step-by-step guide

These instructions are for using GitHub. The principles are the same for GitLab.

These steps will allow you to create a repository to for your publication with the option for a website.

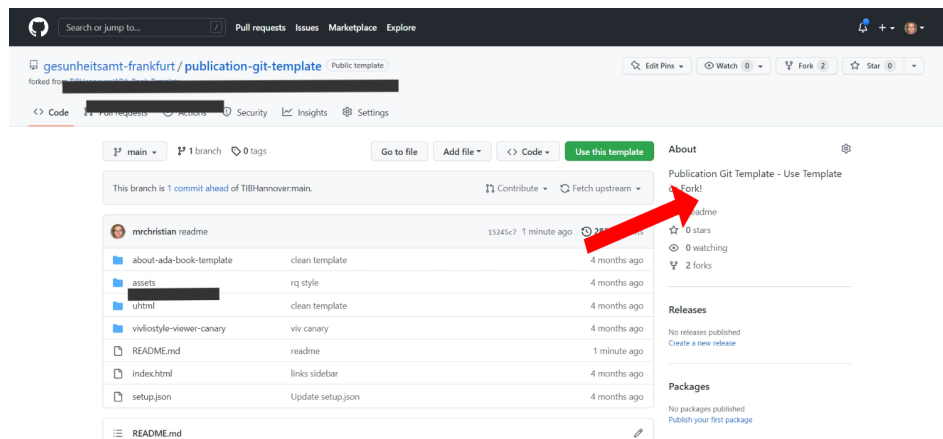
## 1. Create an account



Go to the website [GitHub.com](https://github.com) and create an account.

2. Use a GitHub Template Repository (Repo) You will create a prepopulated GitHub template repository for you publication. The template repo contains componts for creating the website and providing links to the other publication formats in the website.

1. Navigate to the [template repo](#) and click the green button 'Use this template'.



2. Then choose where you will make the new repo and its name. Once chosen click 'Create repository from this template'.

2. Turn on your website
3. Connect Fidus Writer to GitHub
4. Export your publication to GitHub

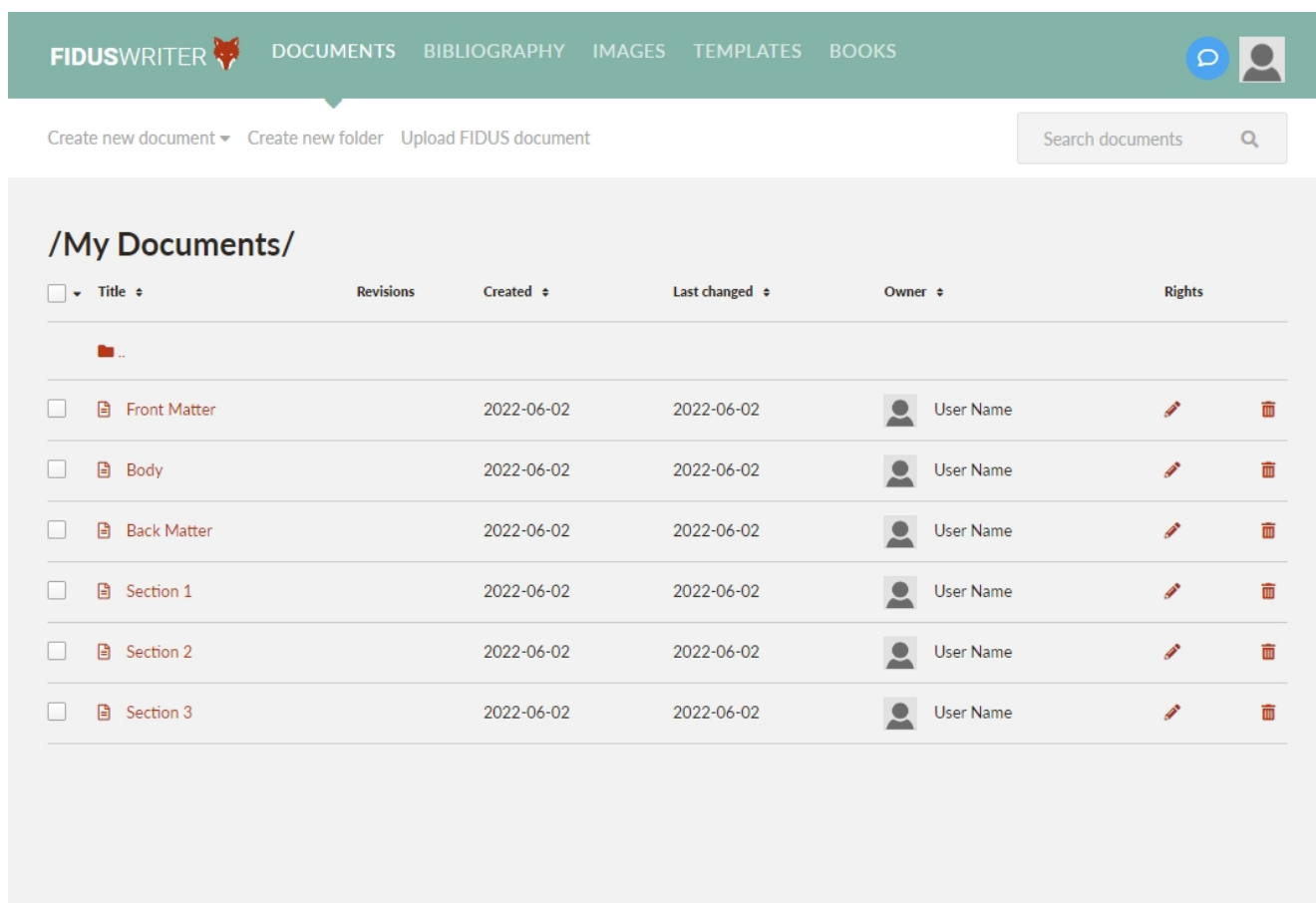
5. Add a README to your repo
6. You can allow team members to export to GitHub too — this will be covered in the invite team section.

## Bibliography













Perkel , Jeffrey . 2016. “Democratic Databases: Science on GitHub.” *Nature*, 2016. <https://www.nature.com/articles/538127a>.

# Step 2: Create a Book

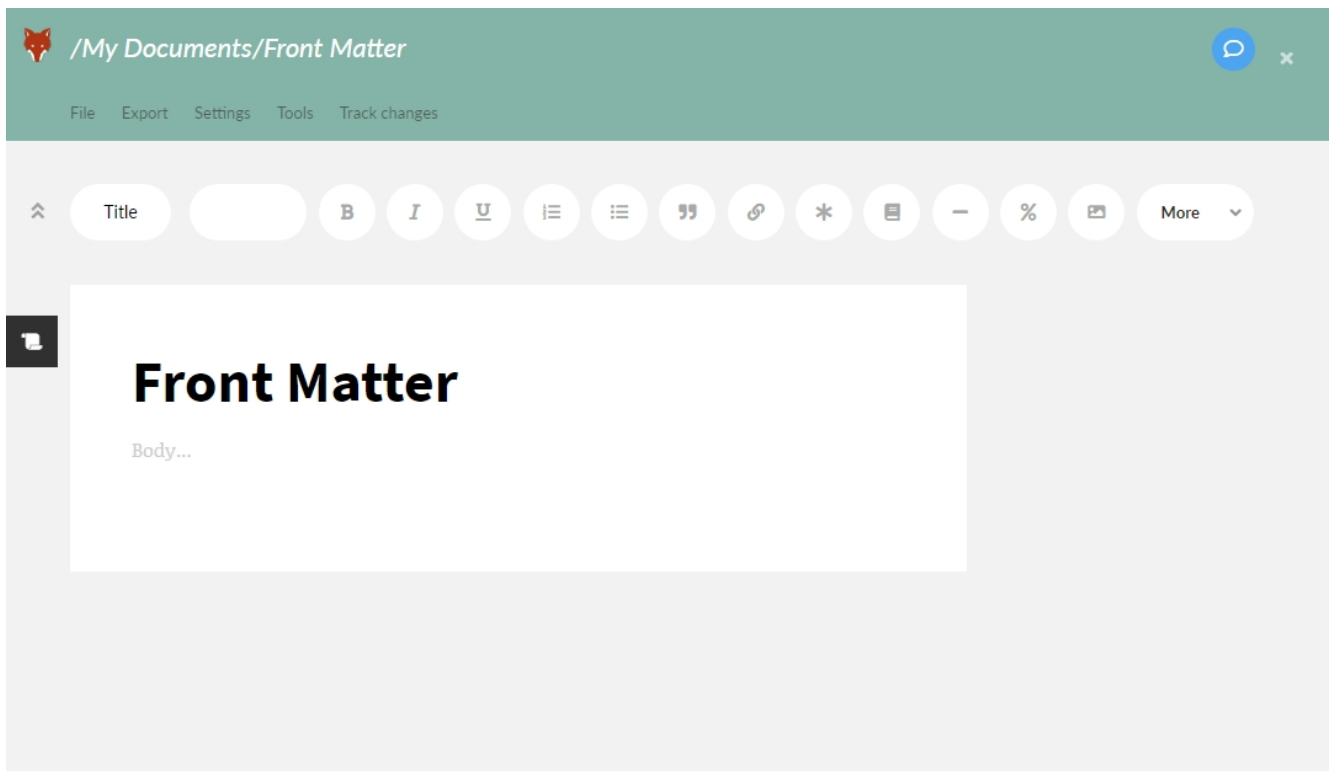
Create placeholder documents for your book



The screenshot shows the FIDUSWRITER interface. The top navigation bar includes the FIDUSWRITER logo and links to DOCUMENTS, BIBLIOGRAPHY, IMAGES, TEMPLATES, and BOOKS. Below the navigation bar, there are links to 'Create new document', 'Create new folder', and 'Upload FIDUS document', along with a search bar labeled 'Search documents'. The main content area is titled '/My Documents/' and displays a table of documents.

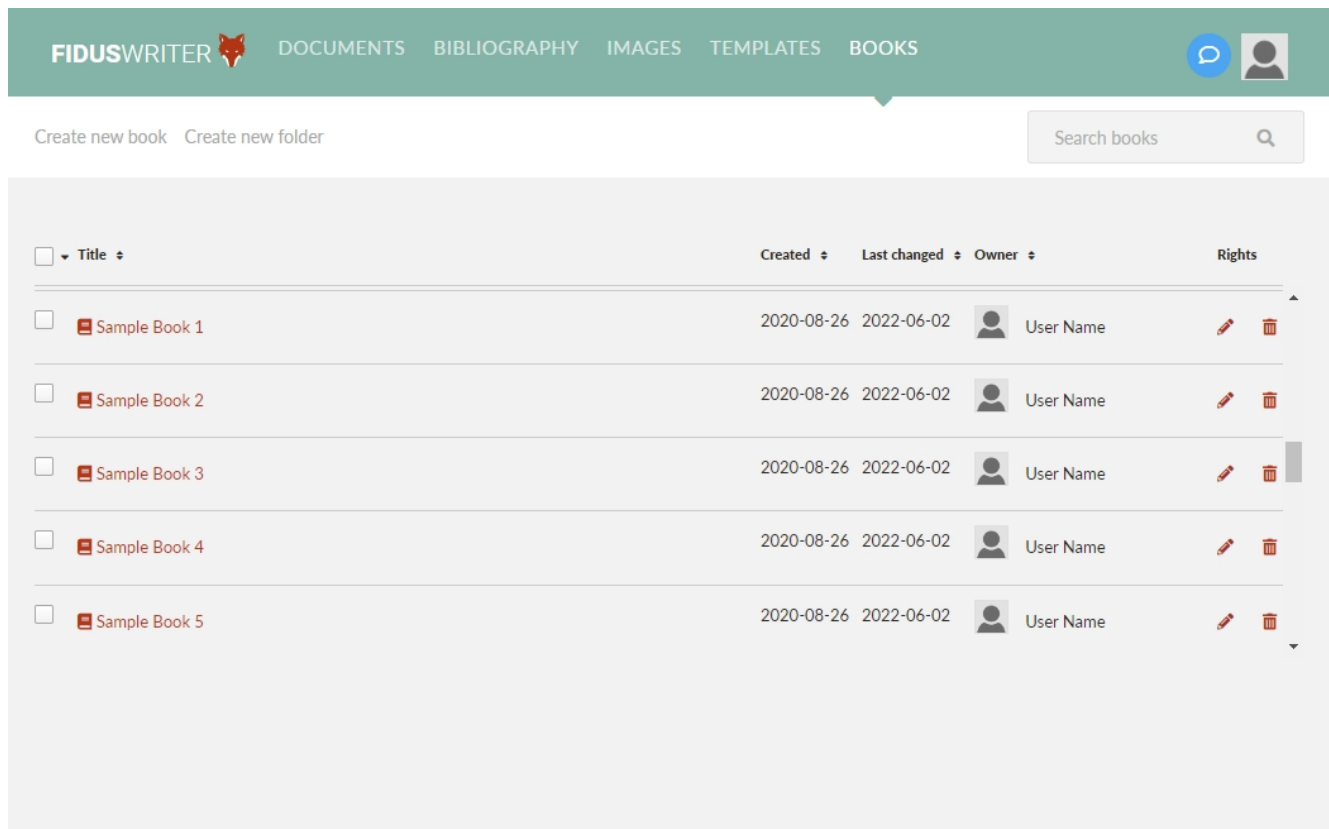
<input type="checkbox"/>	Title	Revisions	Created	Last changed	Owner	Rights
	..					
<input type="checkbox"/>	Front Matter		2022-06-02	2022-06-02	User Name	 
<input type="checkbox"/>	Body		2022-06-02	2022-06-02	User Name	 
<input type="checkbox"/>	Back Matter		2022-06-02	2022-06-02	User Name	 
<input type="checkbox"/>	Section 1		2022-06-02	2022-06-02	User Name	 
<input type="checkbox"/>	Section 2		2022-06-02	2022-06-02	User Name	 
<input type="checkbox"/>	Section 3		2022-06-02	2022-06-02	User Name	 

**Figure 1:** Adding documents to be used in your book

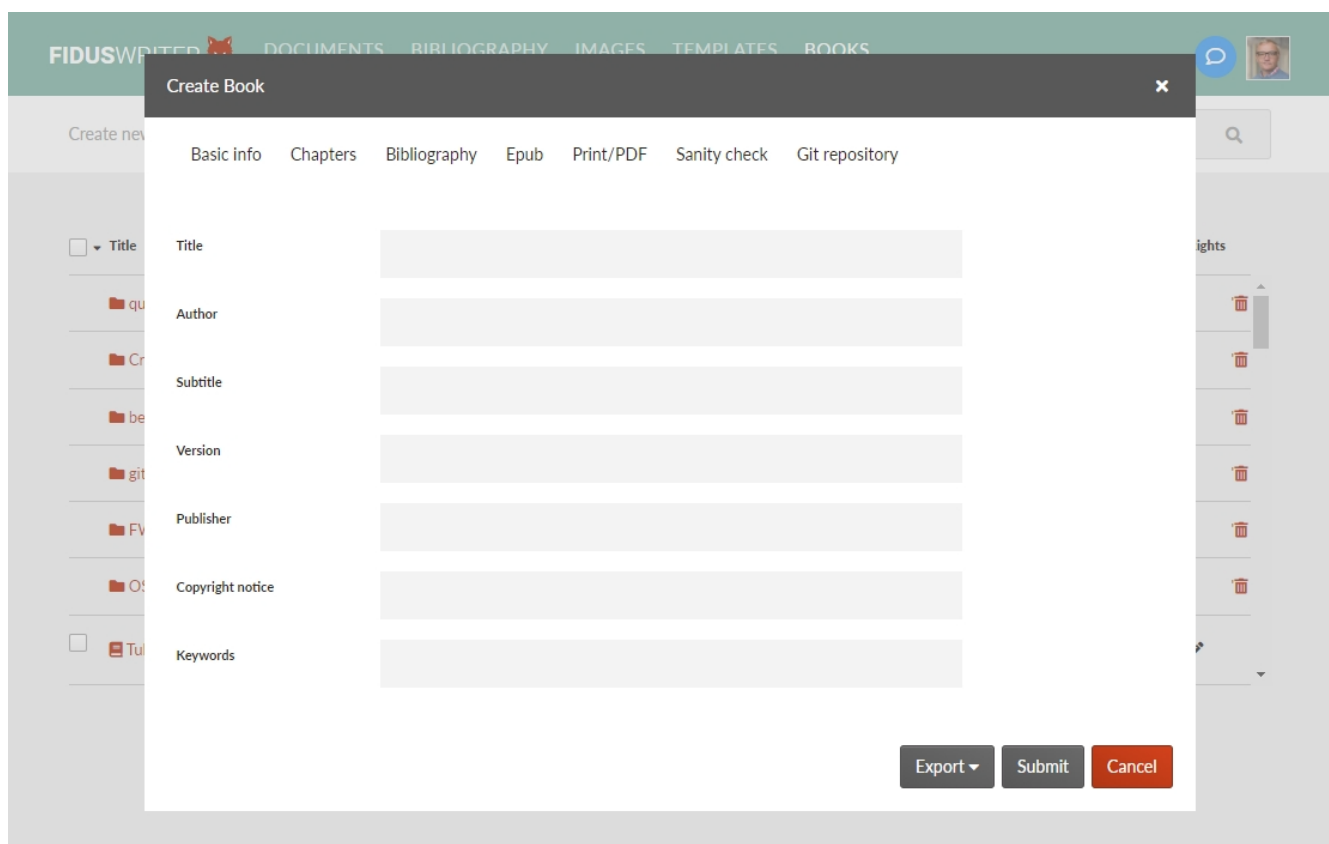


**Figure 2:** Edit document and add a title

Create a book

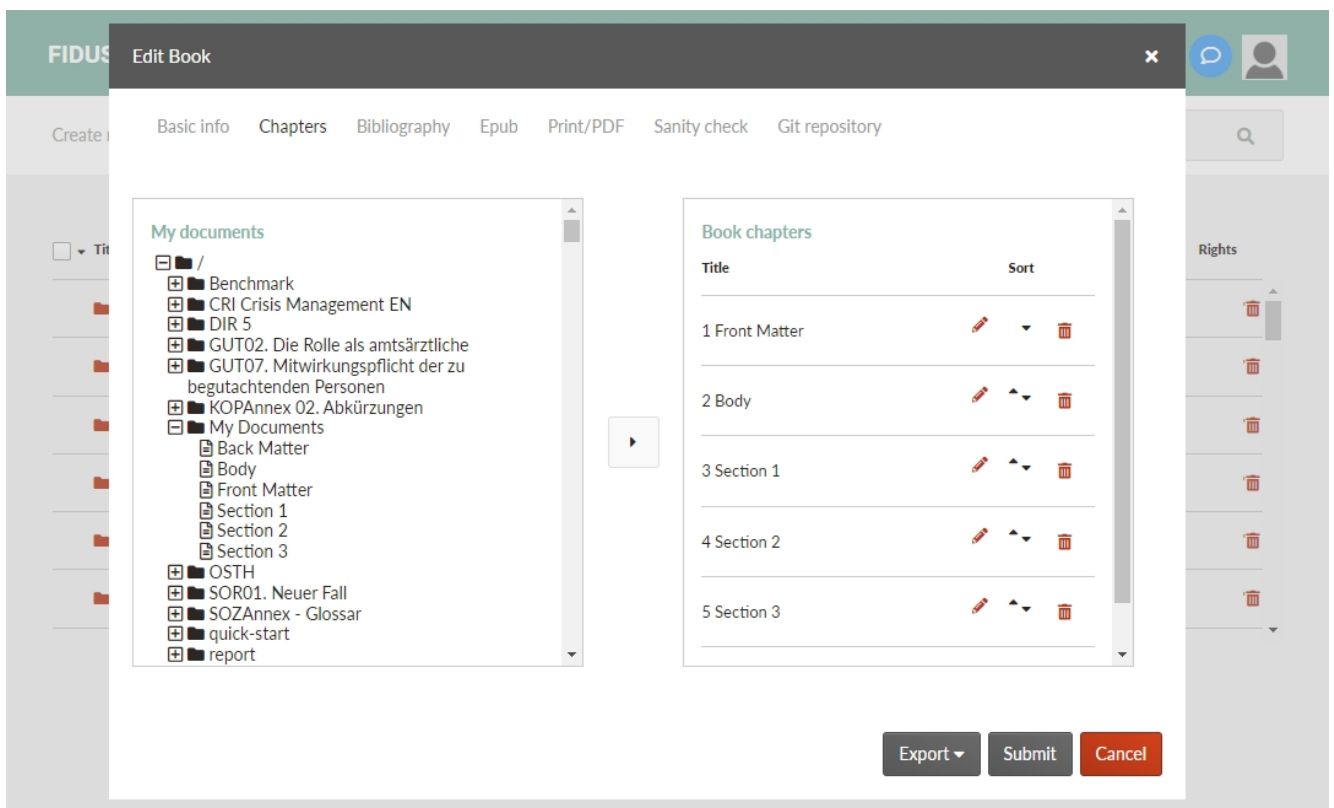


**Figure 3:** Book section, add your book here



**Figure 4:** Add book information

## Add documents to your book



**Figure 5:** Add your documents to the book

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## Step 3: Invite Your Team

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# Step 4: Publish Multi-format!

**Table 1:** Starter output formats. More formats are available but to start with we'll cover the set below.

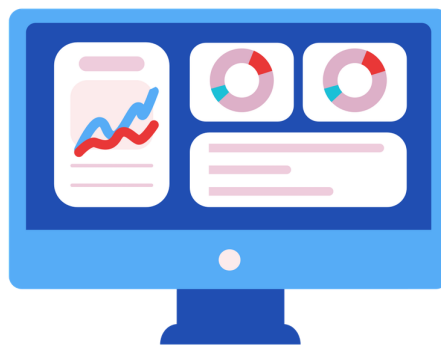
<i>Formats</i>	<i>Website</i>	<i>Paginated Web</i>	<i>PDF</i>	<i>Print-on-Demand</i>	<i>eBook</i>
<b>Examples</b>	CS4RL	CS4RL	CS4RL	CS4RL	CS4RL
<b>Features</b>	Mobile first reponsive	Fixed page	Screen	Print from one copy at a time.	Use on e-Readers and distribute through book trade.
<b>Static header / footer</b>	Place in left menu	yes	yes		n /a?
<b>Date (custom formats)</b>	Place in left menu	yes	yes		n /a?
<b>Version (From Fidus book version No.)</b>	Place in left menu	yes	yes		n /a?

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# Step 5: Enhanced Publications

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To enable a publication to be findable and have greater impact, modern publishing features of 'enhanced publications' developed by the area of open science need to be used. Open science practice is exemplified by the FAIR Principles (GO FAIR 2016) and fully outlined in the UNESCO Open Science Recommendations (UNESCO 2021).



These are:

- Accessibility<sup>2</sup>
- Plain language summaries<sup>3</sup>
- Multilingual and translation ready
- Accessible metadata

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**2.** Key accessibility guidelines for the web are: WCAG 2.1 (Web Content Accessibility Guidelines) Web Content Accessibility Guidelines (WCAG) 2.1 covers a wide range of recommendations for making Web content more accessible.

When websites and web tools are properly designed and coded, people with disabilities can use them. However, currently many sites and tools are developed with accessibility barriers that make them difficult or impossible for some people to use.

Making the web accessible benefits individuals, businesses, and society. International web standards define what is needed for accessibility. (W3C Web Accessibility Initiative)

**3.** Publication-associated plain language summaries are brief, jargon-free summaries of scientific publications.

<https://doi.org/10.1080/03007995.2022.2058812>

- Machine readable
- Open access
- Open data
- Persistent identifiers - for publications, for related entities (persons, organisations, funders, etc.), and for digital objects.
- Linked open data
- Controlled vocabularies and schemas
- Open standards
- Interoperable formats
- Software citation
- Expanded roles and attribution
- Open and accessible metadata
- Using a landing page with all publication parts as human readable and machine readable
- Accessible metadata
- Using inventory packaging
- Open citations

## Bibliography

GO FAIR, ed. 2016. "FAIR Principles." 2016. <https://www.go-fair.org/fair-principles/>.

UNESCO. 2021. "UNESCO Recommendation on Open Science." <https://unesdoc.unesco.org/ark:/48223/pf0000379949?6=null&queryId=N-EXPLORE-6186794e-ad06-46ba-9a10-4913967e2bd1>.



# Imprint



## Open licencing

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