

ComIn support ideas



0. Documentation

1. Trainings

2. Forum for exchange

3. GitLab repository with issues

ComIn support ideas

Documentation

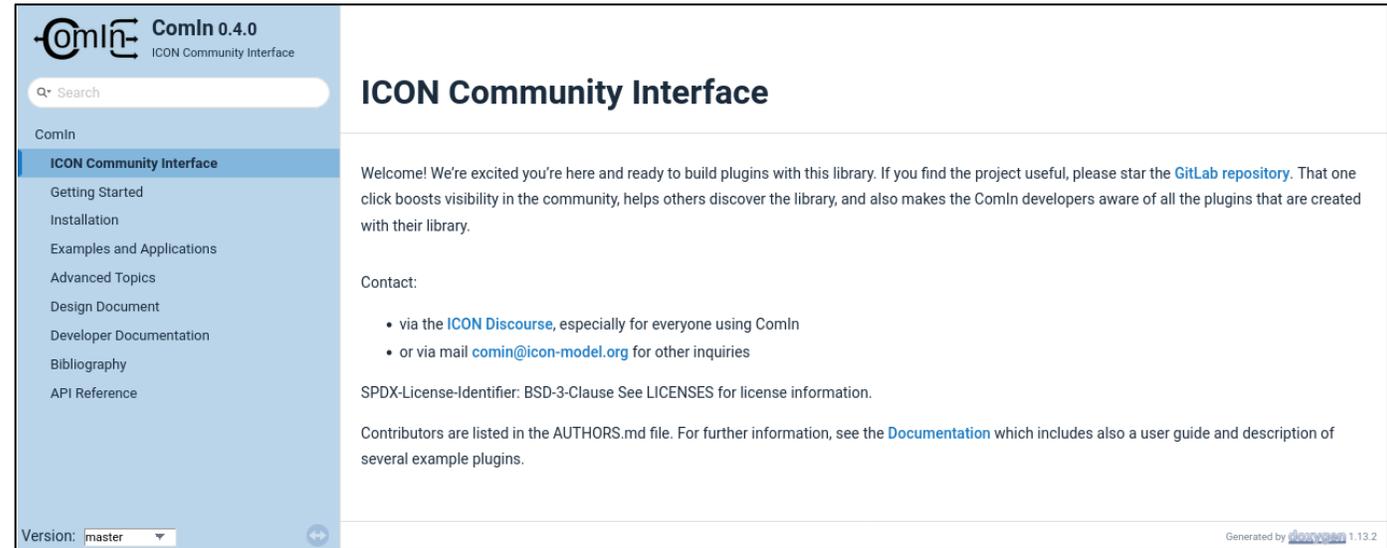


Goal

Introduction to ComIn, reference during development.

Setup

- versioned documentation
- API reference for different interfaces
- getting-started guide
- overview of existing plugins
- developer documentation



Effort

Keep up-to-date.

ComIn support ideas

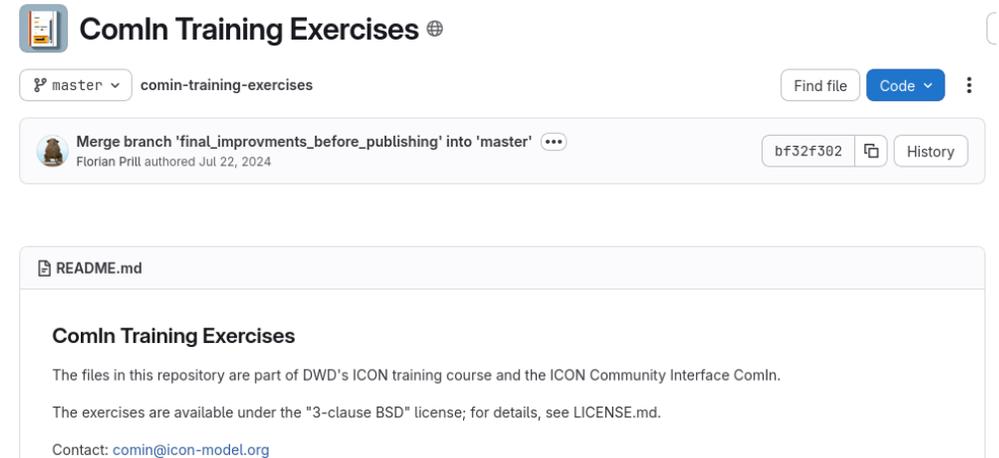
Trainings

Goal

Advertising and preparing new users to ComIn.

Setup

- self-explanatory introduction with usage examples
- can be used as self-guided tutorial or as basis for workshop events
- if workshop event, e.g. tagging along other events, like natESM meetings



Effort

Keep material updated, organize workshops.

ComIn support ideas Discussion forum



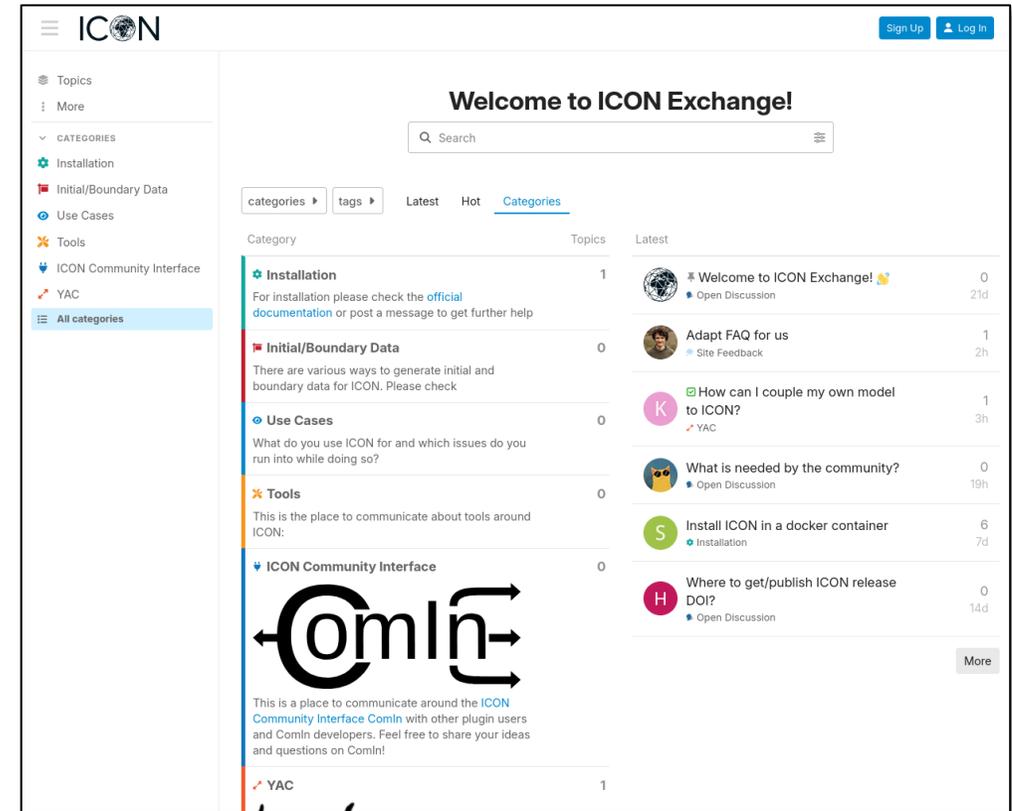
Goal

Peer support.

Setup

Platform for discussions on

- Who has seen this error and knows how to fix it?
- Who would like to contribute to this development?
- Who knows about a plugin for a specific use case?



Effort

Moderation, provide support.

ComIn support ideas Repository



Goal

Contributions and exchange of plugin codes.

Setup

Gitlab issues for

- bug reports, development suggestions

Repository to

- share plugin source codes



Effort

Moderation, provide support.

ComIn

Sharing plugins



- useful for plugin users as starting points for further development and for ComIn team to gauge usage patterns of ComIn
- plugin sharing requires
 - template for plugin documentation
 - decisions on citation agreements and licenses
- At the moment, there is a list of plugins in the ComIn documentation
 - get in touch, if you would add a plugin (comin@icon-model.org)

<https://icon-comin.gitlab-pages.dkrz.de/comin/index.html>

Examples and Applications							
Examples and Tutorial							
Name	Language	Author	Year	Description	URL	Status	Comin version
simple_fortran	Fortran	ICON-Comin	2024	None	https://gitlab.dkrz.de/icon-comin/comin/-/tree/	active	0.2.0

Table of Contents

- Examples and Tutorial
- Adapter and Interfaces
- Visualization
- Physics
- Diagnostics
- Share your plugin with the community