



HYDROLIB

Deltares

HYDROLIB | WP1-OSC





After-lunch mini-lecture series

Maarten Pronk, Ruben Dahm

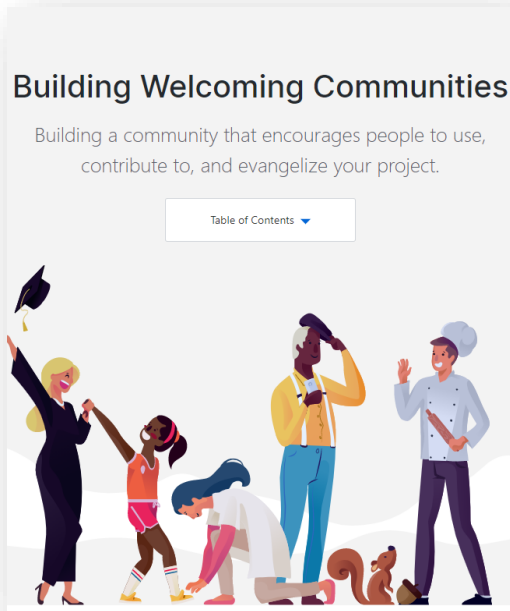
12 mei 2021



OSC | code of conduct 'After-lunch mini-lecture series'

-  **GoTo**Meeting
- De presentatie wordt opgenomen. Zolang alleen Deltares collega's spreken, mogen we de video delen.
- GoToMeeting neemt de deelnemers of het pop-up scherm van late binnenkomers niet op (fyi)
- Disclaimer → door deel te nemen geef je toestemming voor opname en verspreiding van de video aan de HYDROLIB consortium partners 
- Voor en tijdens de presentatie: demp je geluid en zet je camera uit 
- Vragen na afloop van de presentatie. Deltares beëindigt de opname voorafgaand aan de Q&A 

After-lunch mini-lectures



HYDROLIB als 'Open source community'

26 april

	 MIT	 GPLv3 Free as in Freedom
Type	Permissive	Copyleft
Provides copyright protection	✓ TRUE	✓ TRUE
Can be used in commercial applications	✓ TRUE	✓ TRUE
Provides an explicit patent license	✗ FALSE	✗ FALSE
Can be used in proprietary (closed source) projects	✓ TRUE	✗ FALSE

Licenties en IP

05 mei



Samen ontwikkelen op een platform

12 mei



Documentatie

19 mei



OSC | open source community

Building Welcoming Communities

Building a community that encourages people to use, contribute to, and evangelize your project.

Table of Contents ▾



HYDROLIB als 'Open source community'

```
master delft3dfmpy / delft3dfmpy / core / dfm.py / <> Jump to - Go to file ...
RuudHurkmans - structure time series in *.bc format; start of time series independ... Latest commit 53583b4 on 15 Mar History
3 contributors
1561 lines (1286 sloc) | 63 KB Raw Blame
1 import itertools
2 import logging
3 import os
4
5 import geopandas as gpd
6 import numpy as np
7 import pandas as pd
8 from tqdm.auto import tqdm
9 from scipy.spatial import KDTree
10 from shapely.geometry import LineString, Point, Polygon
11
12 from delft3dfmpy.converters import hydamo_to_dflowfm
13 from delft3dfmpy.core import checks, geometry
14 from delft3dfmpy.datamodels.common import ExtendedGeoDataFrame
15 from delft3dfmpy.datamodels.cstructures import meshgeom, meshgeomind
16 from delft3dfmpy.io import dfmreader
17 logger = logging.getLogger(__name__)
18
19 class DFlowFMModel:
20     """Main data structure for dflowfm model. Contains subclasses
21     for network, structures, cross sections, observation points
22     and external forcings.
23     """
24
25     def __init__(self):
26
27         self.mdu_parameters = {}
28
29         self.network = Network(self)
30
31         self.structures = Structures(self)
32
33         self.crosssections = CrossSections(self)
34
35         self.observation_points = ObservationPoints(self)
```



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Samen ontwikkelen op een platform

Maarten Pronk



Context



SAMEN AAN HYDROLIB
ONTWIKKELEN



BESTAANDE KEUZES
TOELICHTEN



Git

- Code uitwisselen
- Versiebeheer
- Eigenaarschap
- Samenvoegen



git



GitHub

- Centrale git opslag server
- Project management
- Sociaal platform
- Open source community

Deltares

The screenshot shows the GitHub interface for the repository 'Deltares / HYDROLIB'. At the top, there is a navigation bar with 'Pulls', 'Issues', 'Marketplace', and 'Explore'. Below this, the repository name is displayed along with 'Watch' (5), 'Star' (1), and 'Fork' (1) buttons. A secondary navigation bar includes 'Code', 'Issues', 'Pull requests', 'Actions', 'Projects' (1), and 'Wiki'. The main content area shows a file browser for the 'main' branch with buttons for 'Go to file', 'Add file', and 'Code'. A commit history table is visible, listing files like '.github/workflows', 'docs', 'hydrolib', 'tests', and various configuration files with their commit messages and dates. On the right side, there are sections for 'About' (Python wrappers around D-HYDRO Suite), 'Releases' (No releases published), 'Packages' (No packages published), and 'Contributors' (4 contributors listed).



Start

- Maak een Github account
- Stuur ons je @handle

Create your account

Username *

Email address *

Password *

Make sure it's at least 15 characters OR at least 8 characters including a number and a lowercase letter. [Learn more.](#)

Email preferences

Send me occasional product updates, announcements, and offers.

Verify your account



Create account

By creating an account, you agree to the [Terms of Service](#). For more information about GitHub's privacy practices, see the [GitHub Privacy Statement](#). We'll occasionally send you account-related emails.



Issues

- Voor vragen en foutmeldingen
- Relatie tot de code
- Wees zo duidelijk mogelijk

- <https://github.com/Deltares/HYDROLIB/issues>

Deltares

Deltares / **HYDROLIB**

Watch 5 Star 1 Fork 1

Code Issues Pull requests Actions Projects 1 Wiki ...

Installation error on Windows 7

Write Preview

H B I

I get the following error when I do:

```
`pip install hydrolib.whl`  
...  
Can't bla bla  
---  
etc  
...`
```

Attach files by dragging & dropping, selecting or pasting them.

Styling with Markdown is supported [Submit new issue](#)

Remember, contributions to this repository should follow our [GitHub Community Guidelines](#).

Assignees
No one—assign yourself

Labels
None yet

Projects
None yet

Milestone
No milestone

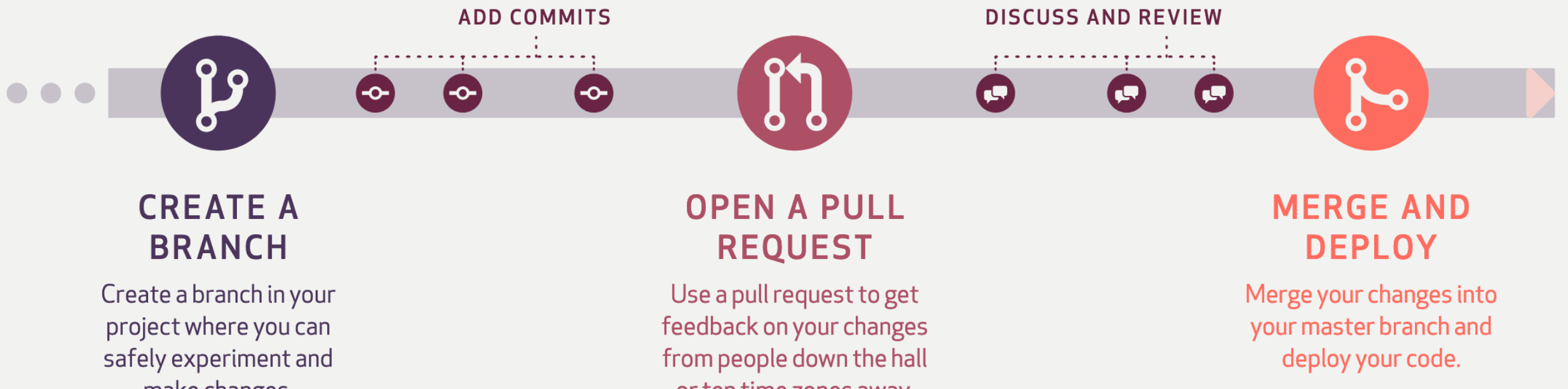
Linked pull requests
Successfully merging a pull request may close this issue.
None yet

Helpful resources
[GitHub Community Guidelines](#)



Bijdragen

- Branch
- Commit
- Push
- Pull/merge request





Bijdragen

- Nieuwe feature
- Documentatie
- Voorbeeld notebook
- Correctie typfout

• <https://github.com/Deltares/HYDROLIB/pulls>

Deltares

The screenshot displays a GitHub pull request interface. At the top, there is a header for the pull request titled "Add clarification." with a "Write" tab selected. Below the header is a rich text editor with a toolbar containing icons for bold, italic, link, code, list, and other formatting options. The main content area is a large text box with the placeholder "Leave a comment" and a "Create pull request" button at the bottom right. To the right of the main content is a sidebar with various filters and settings, including "Reviewers", "Assignees", "Labels", "Projects", "Milestone", "Linked issues", and "Helpful resources". Below the pull request details, there is a summary bar showing "1 commit", "1 file changed", "0 comments", and "1 contributor". The commit history shows a single commit titled "Add clarification." with a "Verified" badge and a commit hash "74f9d34". Below the commit history, there is a diff view for the file "docs/index.md" showing changes between lines 6 and 10. The diff view shows a green bar indicating additions, with the following text: "HYDROLIB is a Python package with tools for preprocessing, postprocessing and analysis of hydrodynamical data and simulation results, currently focused on (but not restricted to the D-HYDRO Suite for hydrodynamical simulations). HYDROLIB builds upon the basic D-HYDRO I/O functionality provided by the [HYDROLIB-core](https://github.com/Deltares/HYDROLIB-core) package. Everyone should be free to contribute their examples in this repository, see the `examples`".



OSC | meer weten?

The screenshot shows the GitHub Guides homepage. At the top, there are navigation links for 'Video Guides', 'GitHub Help', and 'GitHub.com'. Below this, there are four main guide cards arranged in a 2x2 grid. Each card has a colored header with a white icon, a title, a short description, and a '10 minute read' or '5 minute read' indicator.

- Understanding the GitHub flow**: A purple header with a fork icon. Description: 'GitHub flow is a lightweight, branch-based workflow that supports teams and projects where deployments are made regularly. This guide explains how and why GitHub flow works.' Read time: 5 minute read.
- Hello World**: A red header with a globe icon. Description: 'The easiest way to get started with GitHub. In this guide you'll complete a time honored "Hello World" exercise, and learn GitHub essentials.' Read time: 10 minute read.
- Getting Started with GitHub Pages**: A blue header with a document icon. Description: 'GitHub Pages are a great way to showcase some open source projects, host a blog, or even share your résumé. This guide will help get you started on creating your next website.' Read time: 10 minute read.
- Git Handbook**: A blue header with a monitor icon. Description: 'Learn about version control—in particular, Git, and how it works with GitHub.' Read time: 10 minute read.

<https://guides.github.com/>

<https://github.com/Deltares/HYDROLIB>

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19 mei



Vragen? Reacties?

HYDROLIB Samen ontwikkelen op een platform

HYDROLIB Contact



✉ arthur.vandam@deltares.nl



✉ ruben.dahm@deltares.nl



✉ rinske.hutten@deltares.nl



Deltares