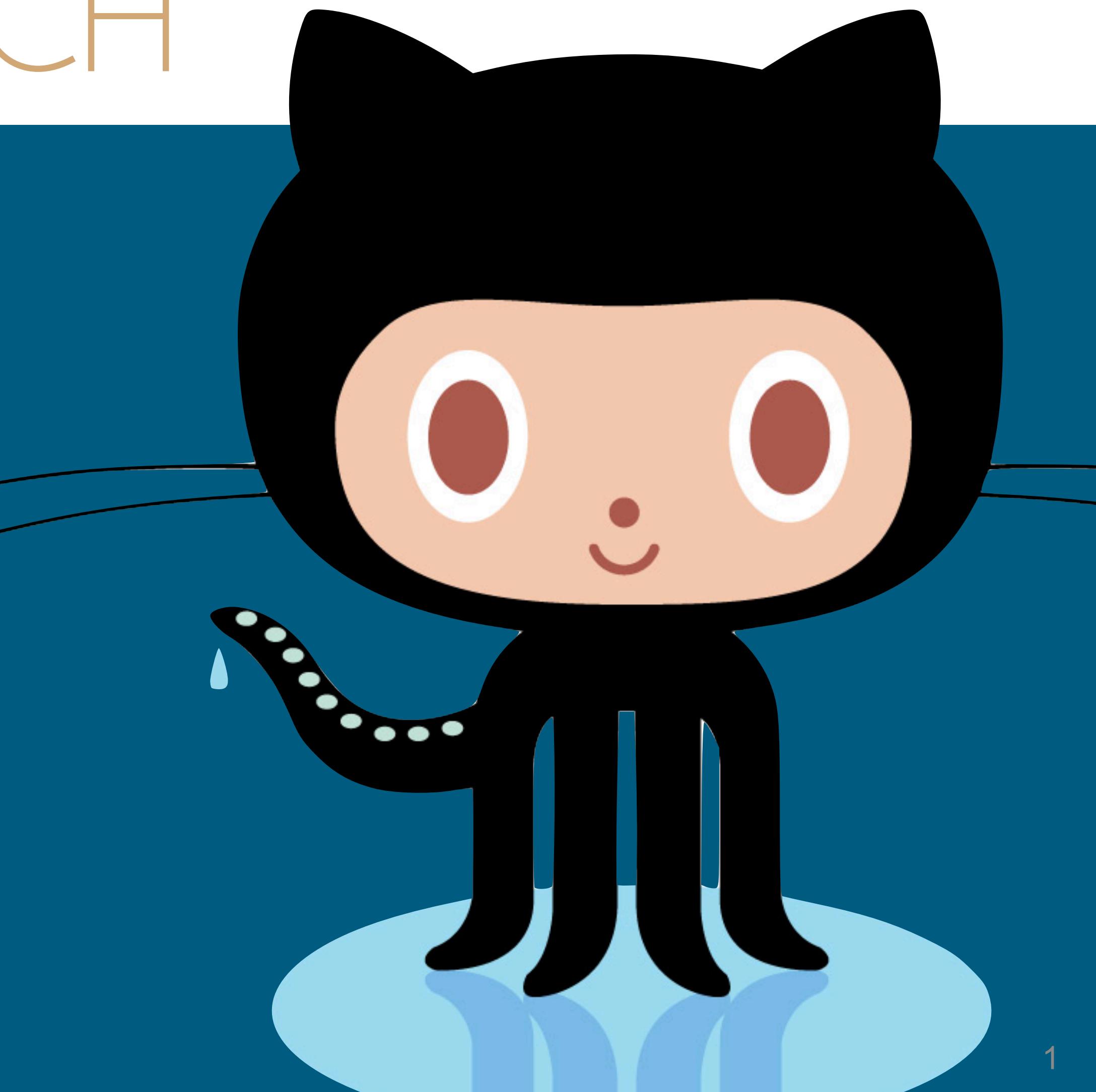


GITHUB IN RESEARCH

VERSION CONTROL,
COLLABORATION,
STORAGE

Guillaume Lobet,



REPOSITORY

REPOSITORY

LBRAI2219-2024 / template_sensibility

Type to search | > | + | ○ | ⚡ | 🛠 | ⚙ | ⚙

<> Code | Issues | Pull requests | Actions | Projects | Wiki | Security | Insights | Settings

template_sensibility (Public template)

Edit Pins | Unwatch 1 | Fork 0 | Star 0 | Use this template

main ▾ | 1 Branch | 0 Tags | Go to file | + | <> Code

guillaumelobet added architecture c687b5d · 11 minutes ago 5 Commits

architectures added architecture 11 minutes ago

crootbox-marshall first commit 20 minutes ago

.DS_Store added architecture 11 minutes ago

README.md Update README.md 23 minutes ago

About

No description, website, or topics provided.

Readme | Activity | Custom properties | 0 stars | 1 watching | 0 forks

Report repository

Releases

No releases published | Create a new release

Packages

Devoir - Analyse de sensibilité

Dans cet exercice, on vous propose de :

ONLINE EDITING

The screenshot shows a web-based code editor interface, likely GitHub's, with the following details:

- Repository:** LBRAI2219-2024 / template_sensibility
- File:** README.md
- Branch:** main
- Buttons:** Edit (selected), Preview, Cancel changes, Commit changes...
- Text Editor Options:** Spaces (dropdown), 2, Soft wrap (dropdown)
- Content:**

```
1 ## Devoir - Analyse de sensibilité
2 Dans cet exercice, on vous propose de :
3
4 - prendre en main le code de MARSHAL et sélectionner les paramètres hydrauliques par défaut pour le maïs ;
5 - simuler avec CPlantBox ou CRooftBox 100 architectures en faisant varier des paramètres « archi » au hasard et dont le volume racinaire
6 total est entre 100 et 101 cm3 (expliquez-nous quels paramètres vous avez changés) ;
7 - isoler les architectures qui maximisent Krs / minimisent Krs / maximisent ZSUF / minimisent ZSUF ;
8 - stocker ces 4 architectures sous format « NomPrenom1.txt » dans le dossier /architecture ;
9 - écrire un script (R ou python) qui permette de :
10 - visualiser les différences entre les 4 architectures
11 - comparer ZSUF et Krs pour chaque architecture
12 - comparer le profil de SUF de chaque architecture
13
```

BRANCHES

Plant-Root-Soil-Interactions-Modelling / CRootBox

Watch 0 Star 0 Fork 0

Code Issues 0 Pull requests 0 Projects 0 Wiki Pulse Graphs Settings

Overview Yours Active Stale All branches Search branches...

Default branch

master Updated 12 days ago by DanielLeitner ✓ Default Change default branch

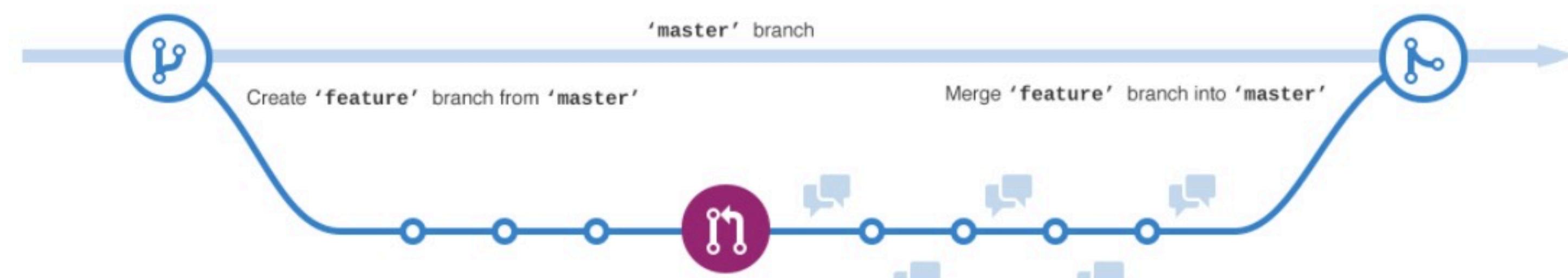
Your branches

gh-pages Updated 3 months ago by DanielLeitner ✓ 58 | 0 New pull request ⚡

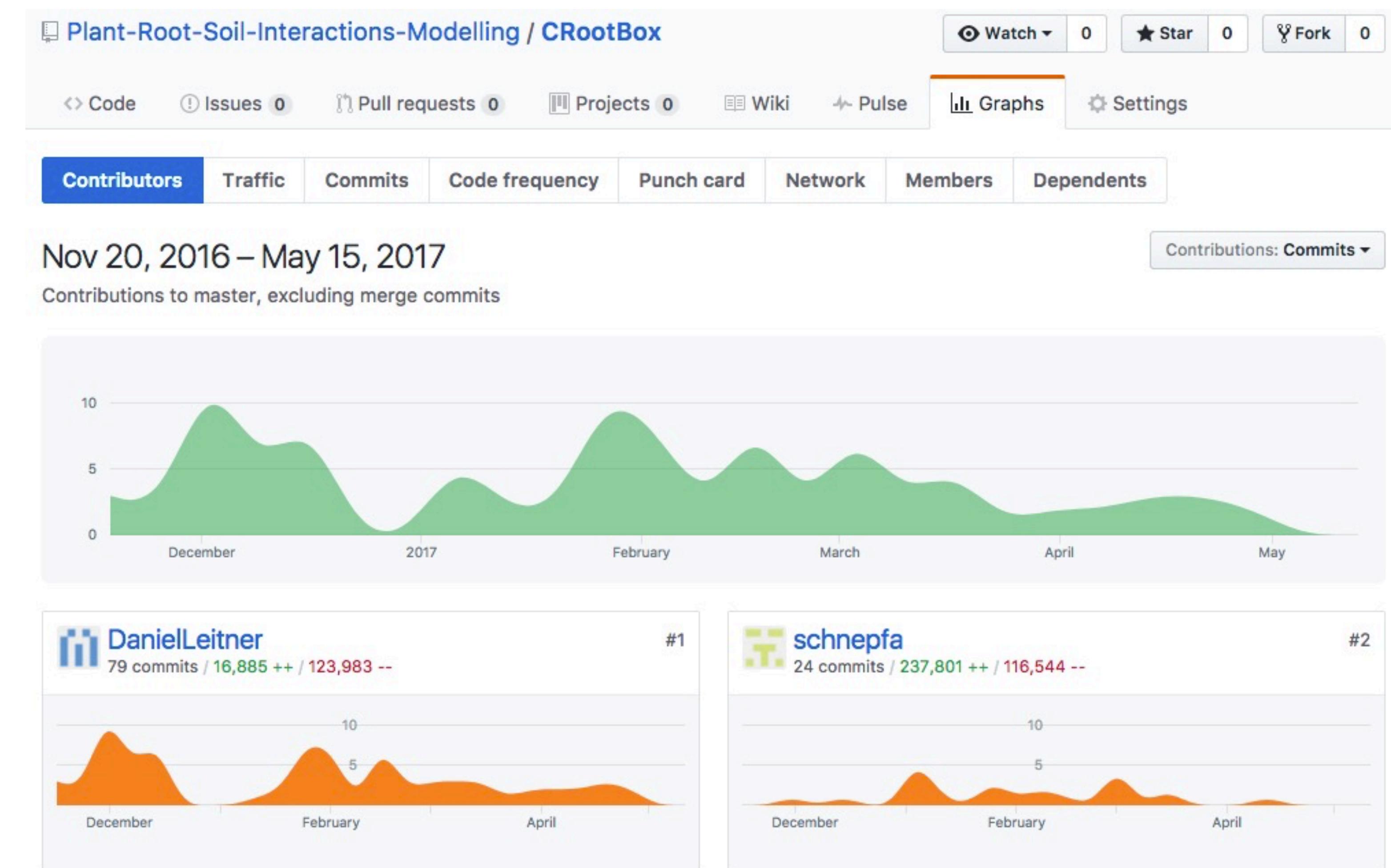
Active branches

pubsAoB2017 Updated 11 days ago by schnepfa 0 | 3 New pull request ⚡

pubs Updated 11 days ago by schnepfa 0 | 3 New pull request ⚡



CONTRIBUTIONS



RELEASES

Latest release

Release 2.0

2.0
-o 1c05af9[Edit](#) guillaumelobet released this on Dec 19 2016 · 2 commits to master since this release

Second release of the code, after the first round of revision. The main analysis script was divided in several small ones, for more clarity.

Downloads

[Source code \(zip\)](#)[Source code \(tar.gz\)](#)

December 19, 2016

[Software](#) [Open Access](#) [Edit](#)

Available in

GitHub

WITH DOI ON ZENODO.ORG

Preview		
Root-Image-Analysis-Pipeline-Evaluation-2.0.zip		x
 Root-Image-Analysis-Pipeline-Evaluation-2.0.zip		
guillaumelobet-Root-Image-Analysis-Pipeline-Evaluation-1c05af9	30 Bytes	
.gitignore	95 Bytes	
00_data		
README.md	10.8 kB	
figures	10.4 kB	
PL-shape-fibrous.pdf	381.6 kB	
PL-shape-tap-rooted.pdf	562.0 kB	
error-depth.pdf	1.7 MB	
error-depth.png	1.8 MB	
error-n_laterals.pdf	1.7 MB	
error-n_laterals.png		
error-tot_root_length.pdf		

Publication date:
December 19, 2016**DOI:**
[DOI 10.5281/zenodo.208499](#)**Related identifiers:**
Supplement to:
<https://github.com/guillaumelobet/Root-Image-Analysis-Pipeline-Evaluation/tree/2.0>**License (for files):**
 Other (Open)

ISSUES

gitpitch / gitpitch

Watch 60 Star 2,926 Fork 142

Code Issues 7 Pull requests 0 Projects 0 Wiki Pulse Graphs

Filters is:issue is:open Labels Milestones New issue

① 7 Open ✓ 59 Closed Author ▾ Labels ▾ Projects ▾ Milestones ▾ Assignee ▾ Sort ▾

Issue	Author	Labels	Projects	Milestones	Assignee	Sort
Latex subscripts with longer strings don't work as expected	#70 opened 12 hours ago by rpappu					1 comment
Elements overflowing slide	#66 opened 13 days ago by miguescri					15 comments
Permalinks	#59 opened 18 days ago by Y-Less					
Clicking right then pressing left on kitchen sink.	#58 opened 18 days ago by Y-Less					1 comment
Enter Full-screen using mouse, too	#57 opened 18 days ago by light2yellow					9 comments
Exporting to pdf does not preserve LaTeX font	#45 opened on Feb 20 by boileau					2 comments
For code snippets, consider binding an event that will select all of the text within the code box	#36 opened on Jan 7 by terrywbrady					5 comments

ProTip! Exclude everything labeled bug with -label:bug.

WIKI

LBRAI2219-2024 / ressources

Type ⌘ to search

Code Issues Pull requests Actions Projects Wiki Security Insights Settings

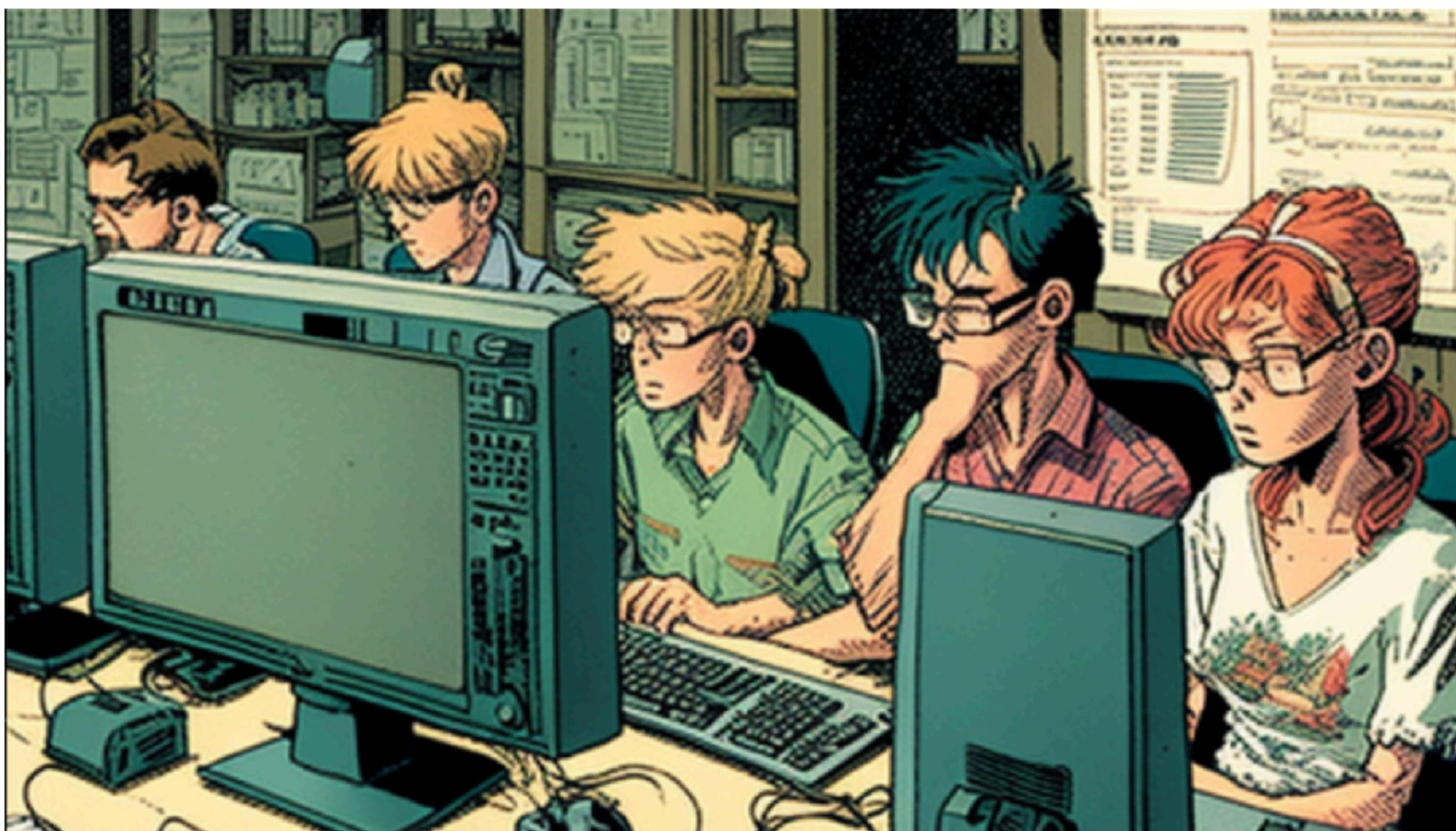
Home

Edit New page

Guillaume Lobet edited this page 10 hours ago · 2 revisions

Bienvenue sur le wiki du cours.

Vous trouverez ici toutes les informations utiles pour le cours et pour la réalisation de votre projet.



Pages 6

Find a page...

[Home](#)

[▶ Consignes générales](#)

[▶ Description du projet](#)

[▶ Devoir 1 - 2024-02-28](#)

[▶ Install Jupyter Notebook](#)

[▶ Liens vers ressources externes](#)

+ Add a custom sidebar

Clone this wiki locally

ORGANISATIONS

ORGANISATIONS

The screenshot shows the GitHub organization page for 'LBRAI2219-2024'. At the top, there's a navigation bar with icons for menu, organization logo, and search ('Type ⌂ to search'). Below the bar are tabs for 'Overview' (selected), 'Repositories' (4), 'Projects', 'Packages', 'Teams', 'People' (2), and 'Settings'. The main content area features a dark blue card for the organization, which includes a small icon of a plant in a beaker, the name 'LBRAI2219-2024', a description in French ('Ressources pour le cours de modélisation des systèmes biologiques'), and a link ('https://lbrai2219-2024.github.io/').

We think you're gonna like it here.

We've suggested some tasks here in your organization's overview to help you get started.

Invite your people



Invite your first member

Find people by their GitHub username or email address.



Customize members' permissions

Set everyone's base permissions for your code.

MULTIPLE REPOSITORIES

The screenshot shows a user interface for managing multiple repositories. At the top, there's a header bar with a menu icon, a profile picture, the organization name "LBRAI2219-2024", a search bar, and a plus sign for creating new repositories. Below the header, a navigation bar includes links for Overview, Repositories (4), Projects, Packages, Teams, People (2), and Settings. The main content area is titled "Repositories" and "All". On the left, a sidebar lists repository filters: All (selected), Public, Private, Sources, Forks, Archived, Mirrors, and Templates. A search bar allows searching for repositories. The main list displays four repositories:

Repository Name	Last pushed	Language
template_sensibility	2 days ago	C++
Ibrai2219-2024.github.io website	2 days ago	No language
codes_partages	2 days ago	Python
ressources	2 days ago	R

Pagination at the bottom shows "Previous" and "Next" buttons, with the page number "1" highlighted.

MEMBER PRIVILEGES

LBRAI2219-2024

Overview Repositories 4 Projects Packages Teams People 2 Settings

Organization permissions Members Outside collaborators Pending collaborators Invitations 1 Failed invitations

Find a member... Export Invite member

Members 2 FA Membership

Guillaume Lobet guillaumelobet ✓2FA Private Owner 0 teams 0 roles ...

ValentinCouverre ✓2FA Private Owner 0 teams 0 roles ...

WEBSITE

SmartRoot / smartroot.github.io

Unwatch 1 Star 0 Fork 0

Code Issues 0 Pull requests 0 Projects 0 Wiki Pulse Graphs Settings

No description, website, or topics provided. Edit

Add topics

11 commits 1 branch 0 releases 1 contributor MIT

Branch: master New pull request Create new file Upload files Find file Clone or download

guillaumelobet	Added tags	Latest commit 9787181 on Feb 22
css	Change website look and feel	3 months ago
font-awesome	Change website look and feel	3 months ago
fonts	Change website look and feel	3 months ago
img	Removed unused images	3 months ago
js	Change website look and feel	3 months ago
LICENSE	Change website look and feel	3 months ago
index.html	Added tags	3 months ago

Help people interested in this repository understand your project by adding a README. Add a README

SYNCHING

<https://try.github.io/>

GIT VS SVN

The main point in Git vs SVN debate boils down to this:

Git is a **distributed version control system (DVCS)**, whereas **SVN** is a **centralized version control system**. The difference between these two is that in distributed version control system, every developer has their own local copy of the full version history, whereas in centralised version control systems the version history is stored in a server-side repository.

DESKTOP SYNC

The screenshot shows the GitHub Desktop application interface. At the top, there's a header with buttons for '+' (New Repository), a square (Open Repository), a branch dropdown set to 'master', and a 'Pull Request' button. Below the header, a timeline shows the 'master' branch with numerous commits. A 'Compare' button is visible above the commit list.

The main area displays a list of '19 Changes' across various files. The file 'main.cpp' is selected, showing a diff view with 19 lines of code. The changes are color-coded: red for deleted lines and green for added lines. The code includes multiple #include statements for example files like 'example1.h' through 'example5.h'.

File	Line	Change Type	Text
main.cpp	7	Added	#include <fstream>
	8	Added	#include <unistd.h>
	9	Added	- #include "examples/example1.h"
	10	Added	- #include "examples/example1_wb.h"
	11	Added	- #include "examples/example1_wb_dgf.h"
	12	Added	- #include "examples/example2.h"
	13	Added	- #include "examples/example3.h"
	14	Added	- #include "examples/example4.h"
	15	Added	- #include "examples/example5.h"
	16	Added	+ #include "examples/example.h"
	17	Added	+ //#include "examples/example1_wb.h"
	18	Added	+ //#include "examples/example1_wb_dgf.h"
	19	Added	+ //#include "examples/example2.h"
	20	Added	+ //#include "examples/example3.h"
	21	Added	+ //#include "examples/example4.h"
	22	Added	+ //#include "examples/example5.h"
	23	Added	- #include "examples/benchmarks.h"
	24	Added	+ //#include "examples/benchmarks.h"
	25	Added	- #include "examples/shehan_SoilCore.h"
26	Added	- #include "examples/shehan_RhizoTubes.h"	
27	Added	- #include "examples/shehan_Trenches.h"	
28	Added	+ //#include "examples/shehan_SoilCore.h"	
29	Added	+ //#include "examples/shehan_RhizoTubes.h"	
30	Added	+ //#include "examples/shehan_Trenches.h"	
31	Added	- #include "examples/Exudation/example_exudation.h"	
32	Added	+ //#include "examples/Exudation/example_exudation.h"	
33	Added	##include "DumuxRootSystem.h" // suggested coupling	
34	Added	##include "examples/example_dumux.h"	
35	Added	@@ -37,8 +37,9 @@ int main(int argc, char* argv[])	
36	Added	name= argv[1];	
37	Added	}	

DESKTOP SYNC

The screenshot shows the GitHub desktop application interface. At the top, there are buttons for '+' (New Repository), 'master' (Branch dropdown), 'Sync' (Sync button), and 'Pull Request' (Pull Request button). Below the header, there's a 'Filter Repositories' dropdown and a 'Compare' button.

The main area displays a timeline of commits across two branches:

- GitHub Branch:** master
- Remote Branch:** master

A specific commit from the GitHub master branch is highlighted in blue:

Update parameter set for maize_postma_2011
20 days ago by guillaumelobet

This commit has 19 uncommitted changes. The diff view shows the following code snippet:

```
@@ -16,6 +16,7 @@ void example1()  
16 16  
17 17     string name = "Anagallis_femina_Leitner_2010";  
18 18  
19 20     /*  
20 21     * Open plant and root parameter from a file  
21 22     */  
... ... @@ -42,18 +43,18 @@ void example1()  
42 43     /*  
43 44     * Export final result (as vtp)  
44 45     */  
45 46     - rootsystem.write("www/rootsystem.vtp",RootSystem::ot_segments); // use ot_polyline for nicer visualization, ot_segments for animations  
46 47     + rootsystem.write("rootsystem.vtp",RootSystem::ot_segments); // use ot_polyline for nicer visualization, ot_segments for animations  
47 48     /*  
48 49     * Export segments in RSML format  
49 50     */  
50 51     - rootsystem.write("www/rootsystem.rsml");  
51 52     + rootsystem.write("rootsystem.rsml");  
52 53     /*  
53 54     * Export segments for Matlab analysis  
54 55     */  
55 56     SegmentAnalyser analysis(rootsystem);  
56 57     - analysis.write("www/rootsystem.txt");  
57 58     + analysis.write("rootsystem.txt");  
58 59     /*  
59 60     * Export dgf file
```

**THANK YOU
ANY
QUESTIONS ?**

