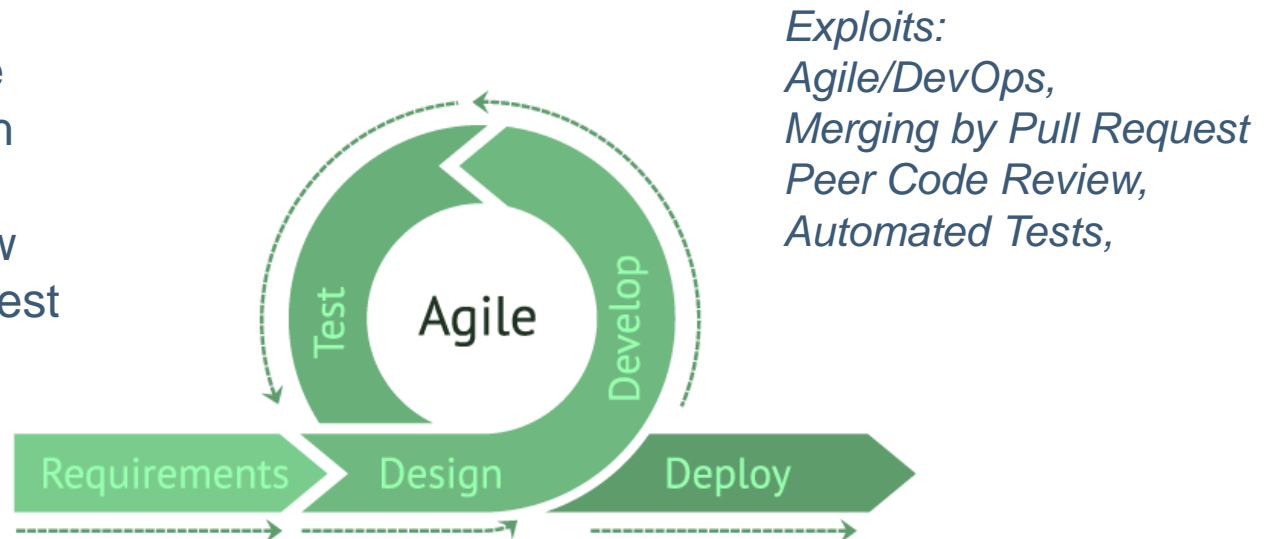


Coding and Development Workflow

- Language: C++11
- Code Format:
 - Based on [Google C++ Style Guide](#)
 - Proposal: `clang-format -style="{BasedOnStyle: Google, BreakBeforeBraces: Linux, DerivePointerAlignment: false}"`
- Project layout: [pitchfork](#)
- Development Workflow:

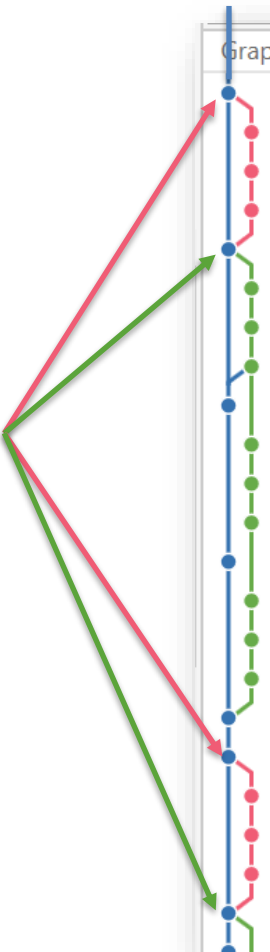
1. Create Issue
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3. Develop
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5. Merge Request
6. Release



Development workflow

Master branch

On master
commit
only when merge

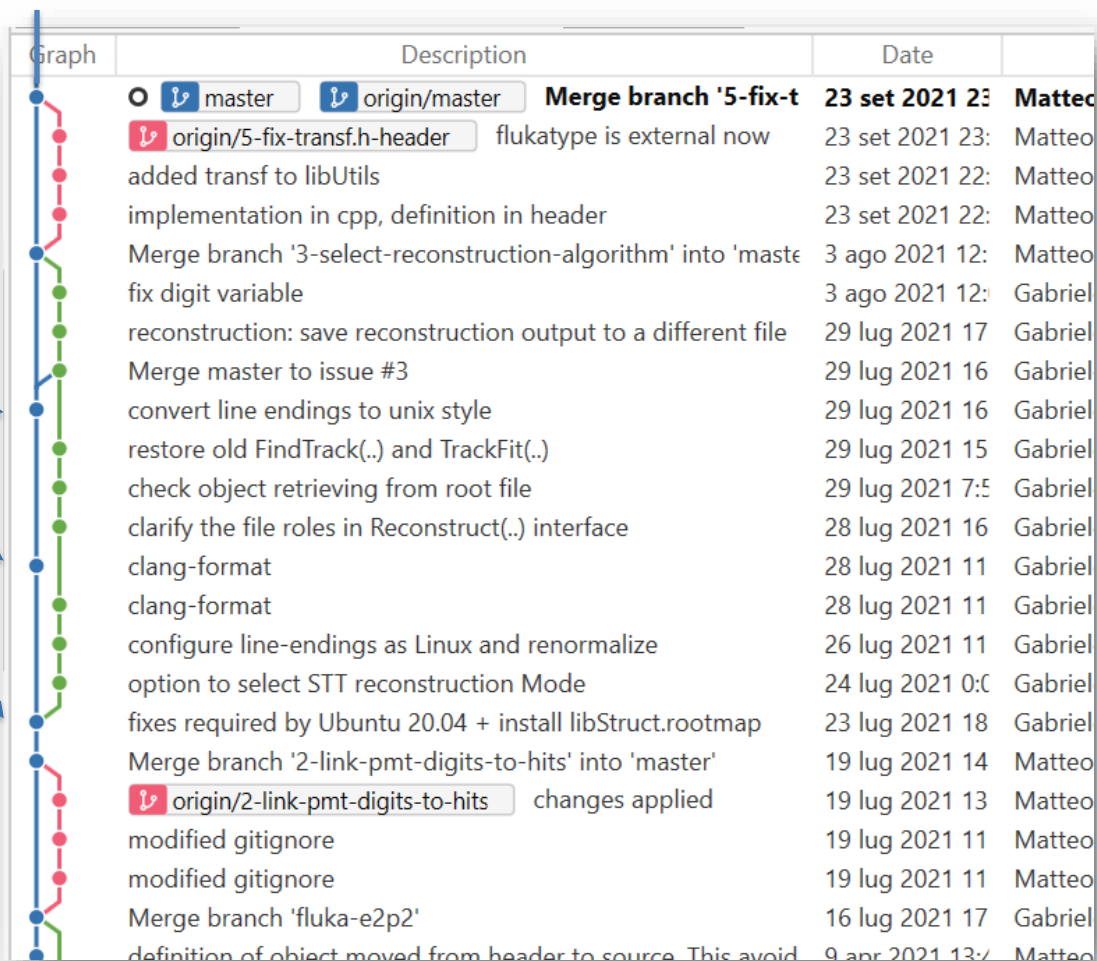






Graph	Description	Date	
○ master	Merge branch '5-fix-t	23 set 2021 23	Matteo
🔒 origin/master	flukatype is external now	23 set 2021 23	Matteo
🔒 origin/5-fix-transf.h-header	added transf to libUtils	23 set 2021 22	Matteo
	implementation in cpp, definition in header	23 set 2021 22	Matteo
	Merge branch '3-select-reconstruction-algorithm' into 'maste	3 ago 2021 12	Matteo
	fix digit variable	3 ago 2021 12	Gabriel
	reconstruction: save reconstruction output to a different file	29 lug 2021 17	Gabriel
	Merge master to issue #3	29 lug 2021 16	Gabriel
	convert line endings to unix style	29 lug 2021 16	Gabriel
	restore old FindTrack(..) and TrackFit(..)	29 lug 2021 15	Gabriel
	check object retrieving from root file	29 lug 2021 7:5	Gabriel
	clarify the file roles in Reconstruct(..) interface	28 lug 2021 16	Gabriel
	clang-format	28 lug 2021 11	Gabriel
	clang-format	28 lug 2021 11	Gabriel
	configure line-endings as Linux and renormalize	26 lug 2021 11	Gabriel
	option to select STT reconstruction Mode	24 lug 2021 0:0	Gabriel
	fixes required by Ubuntu 20.04 + install libStruct.rootmap	23 lug 2021 18	Gabriel
	Merge branch '2-link-pmt-digits-to-hits' into 'master'	19 lug 2021 14	Matteo
🔒 origin/2-link-pmt-digits-to-hits	changes applied	19 lug 2021 13	Matteo
	modified gitignore	19 lug 2021 11	Matteo
	modified gitignore	19 lug 2021 11	Matteo
	Merge branch 'fluka-e2p2'	16 lug 2021 17	Gabriel
	definition of object moved from header to source. This avoid	9 apr 2021 13:4	Matteo

Development workflow

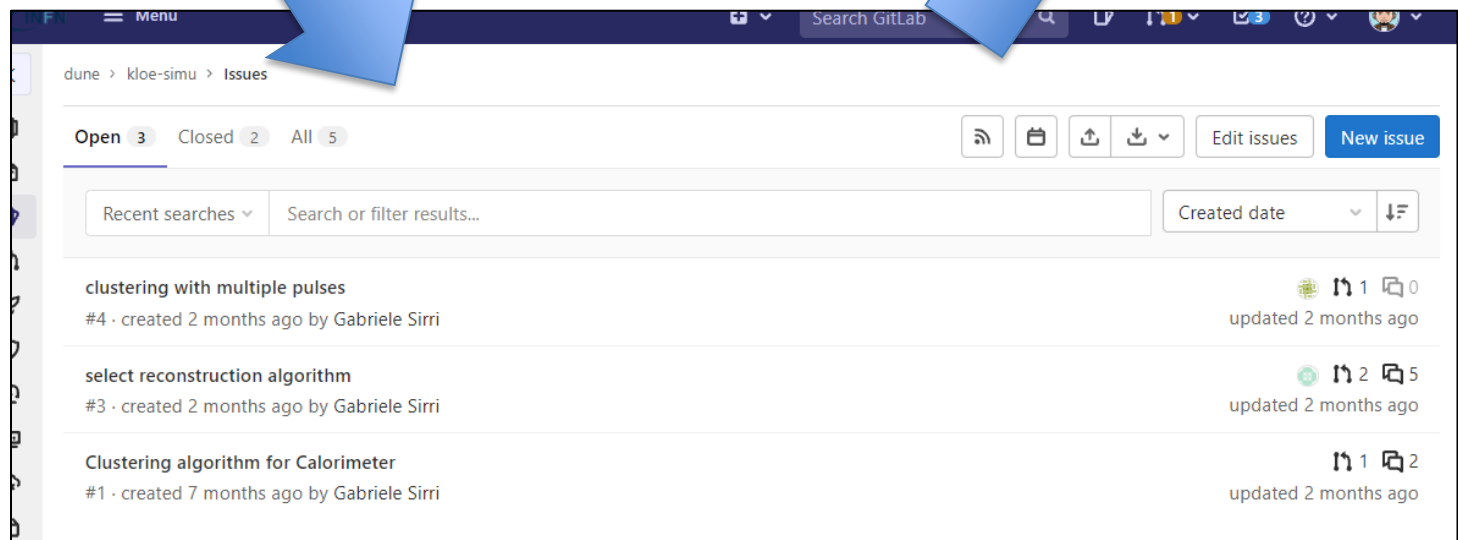
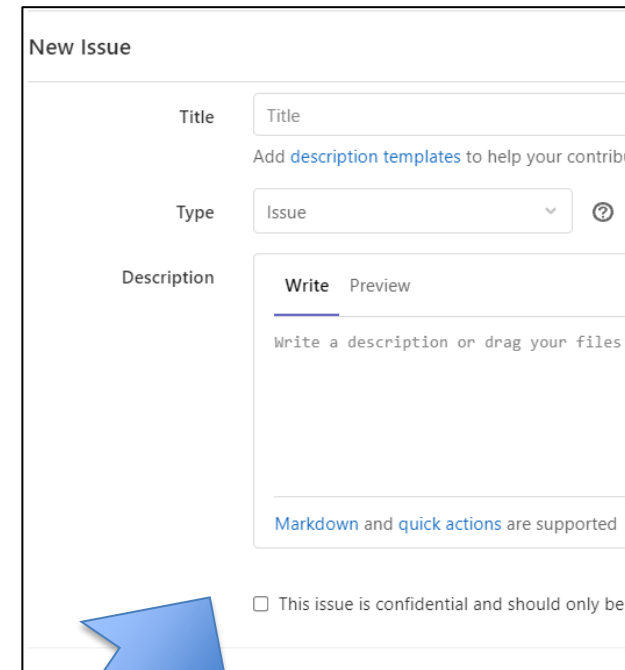
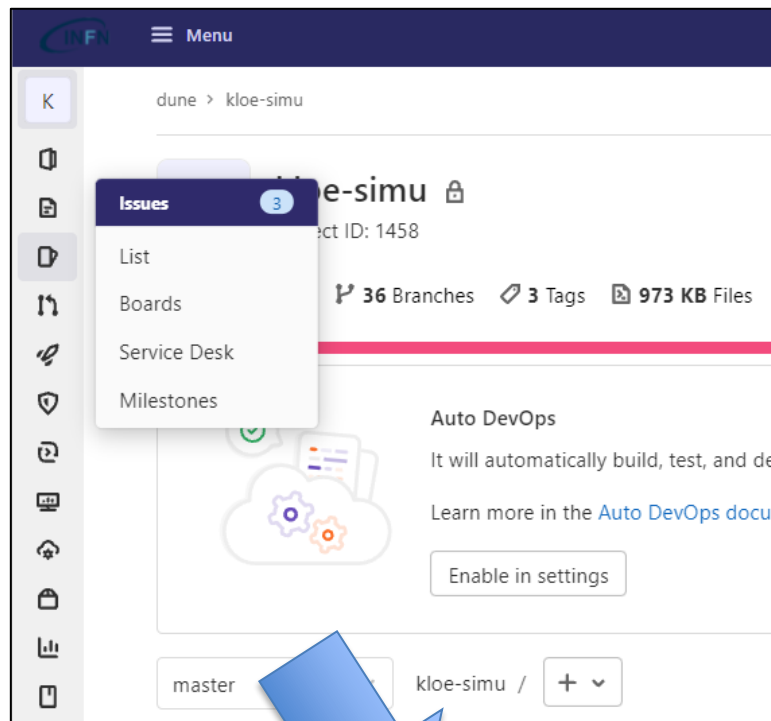
Master branch

or
very minor commits
- code formatting
- bug fix



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Testing and code review
may be performed at each
PUSH by other developers or
continuous integration

```
tentineutrino@neutrino-01:analysis (redesign-STTcluster)$ git checkout -b new_branch
Switched to a new branch 'new_branch'
tentineutrino@neutrino-01:analysis (new_branch)$ echo new_file > new_file
tentineutrino@neutrino-01:analysis (new_branch)*$ git add new_file
tentineutrino@neutrino-01:analysis (new_branch)*$ git commit -m "created new_file"
[new branch 8950a83] created new_file
 1 file changed, 1 insertion(+)
 create mode 100644 new_file
tentineutrino@neutrino-01:analysis (new_branch)$ git push --set-upstream origin new_branch
Enumerating objects: 4, done.
Counting objects: 100% (4/4), done.
Delta compression using up to 8 threads
Compressing objects: 100% (2/2), done.
Writing objects: 100% (3/3), 281 bytes | 281.00 KiB/s, done.
Total 3 (delta 1), reused 0 (delta 0), pack-reused 0
remote:
remote: To create a merge request for new_branch, visit:
remote:   https://baltig.infn.it/tenti/STTTrackReco/-/merge\_requests/new?merge\_request%5Bsource\_branch%5D=new\_branch
remote:
To baltig.infn.it:tenti/STTTrackReco.git
 * [new branch]      new_branch -> new_branch
Branch 'new_branch' set up to track remote branch 'new_branch' from 'origin'.
tentineutrino@neutrino-01:analysis (new_branch)$
```

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