

LArSoft - Bug #20221

larsim repository is >2GB big

06/25/2018 07:01 PM - Gianluca Petrillo

Status:	Closed	Start date:	06/25/2018
Priority:	Normal	Due date:	
Assignee:	Erica Snider	% Done:	0%
Category:	Other	Estimated time:	0.00 hour
Target version:		Spent time:	0.00 hour
Occurs In:		Co-Assignees:	
Experiment:	-		
Description			
Please remove whatever in the repository history was there, should have not been there and is making future generations pay for it.			

History

#1 - 06/27/2018 10:16 AM - Marc Mengel

Okay, so I know how to clean the repository, we send a script through cleaning out the .root files from all history for all time, and this will take the repository back to a reasonable size.

However, this changes the commit hash id's all the way up the chain from quite some time ago on develop and master, which means anyone who has a clone of the repository who doesn't similarly clean it out can push the stuff back in.

So we need to:

- get **everyone** who has it checked out to:
 - git flow publish any branch they are working on
 - git commit their changes
 - git push
 - remove their local copy
- scrub the cdcvs copy of the repository
- folks can git clone it again.

Otherwise we will keep having people inadvertently pushing this stuff back into the repository, and being confused about where branches actually are, etc.

#2 - 07/02/2018 11:27 AM - Lynn Garren

- Status changed from New to Under Discussion

We have already reduced the repository sized from 11 GB to it's present 2.3 GB. However, it appears that certain actions result in inadvertently pushing the old history again. We will discuss the problem and solution at the next coordination meeting.

#3 - 07/19/2018 03:40 PM - Katherine Lato

Marc Mengel presented options at the July 3rd Coordination meeting - <https://indico.fnal.gov/event/17502/contribution/3/material/slides/0.pdf>
Further discussion is needed to finalize the plan.

#4 - 08/06/2018 01:33 PM - Katherine Lato

We have a filter that should prevent most probably causes of the problem. We can create a new repository with a different name, same content. It will be a breaking change, however it's very scriptable.

#5 - 08/20/2018 10:37 AM - Kyle Knoepfel

- Status changed from Under Discussion to Assigned

- Assignee set to Erica Snider

Erica will send out an email.

#6 - 08/06/2020 03:24 PM - Erica Snider

- Status changed from Assigned to Closed

Permanently fixed in move to GitHub