LArSoft - Milestone #17920

Vectorization of LArSoft Code

10/16/2017 01:40 PM - Katherine Lato

Status:	Assigned		**Start date:**	10/16/2017
Priority:	Normal		**Due date:**	
Assignee:	Guilherme Lima		**% Done:**	20%
Category:	Architecture		**Estimated time:**	0.00 hour
Target version:			**Spent time:**	8.00 hours
Experiment:				

Description

Vectorizing optimizations to identify and vectorize appropriate targets across LArSoft to take advantage of resources within our existing computing infrastructure that has not been utilized.
There will be a number of subtasks to accomplish this work in phases. Once identified work has been done, this milestone will be closed even if there could be further vectorization of LArSoft code, but the resources aren't available to work on this.

Subtasks:

Task # 17922: Consulting on LArSoft information needed for vectorization	**Closed**
Task # 17946: setting up and running LArSoft on laptop (or elsewhere)	**Assigned**
Task # 17947: Profiling LArSoft	**Assigned**
Task # 17948: Investigate potential areas where vectorization may be applied in LArSoft...	**Assigned**
Task # 17950: Preliminary vectorization tests and evaluation	**Assigned**

History

#1 - 10/18/2017 11:42 AM - Guilherme Lima

- *Tracker changed from Milestone to Task*

#2 - 10/18/2017 11:42 AM - Guilherme Lima

- *Tracker changed from Task to Meeting*

#3 - 10/18/2017 12:48 PM - Guilherme Lima

- *Tracker changed from Meeting to Milestone*

#4 - 10/18/2017 07:00 PM - Katherine Lato

- *Status changed from New to Assigned*