

artdaq - Feature #25405

Add names to threads to help debug performance issues

01/15/2021 08:53 AM - Eric Flumerfelt

Status:	Closed	Start date:	01/15/2021
Priority:	Normal	Due date:	
Assignee:	Eric Flumerfelt	% Done:	50%
Category:		Estimated time:	0.00 hour
Target version:	artdaq v3_09_05	Co-Assignees:	Ron Rechenmacher
Experiment:	-		
Description			
An artdaq process starts a number of threads, and it would be useful to set the names of these threads so that a user can use top in thread mode to more accurately diagnose where an artdaq process is spending its time.			

History

#1 - 01/15/2021 09:02 AM - Eric Flumerfelt

- Status changed from New to Resolved

feature/25405_ThreadName branches in artdaq, artdaq-core, artdaq-utilities, mf-extensions-git

#2 - 02/24/2021 02:48 PM - Ron Rechenmacher

- % Done changed from 0 to 50

Partially reviewed.

I discussed with Eric and made a tweak to the sprintf usage.

There are 4 packages involved: artdaq, artdaq_core, artdaq_mfextensions, and artdaq_utilities.

I merged artdaq_mfextensions into develop.

I pushed my changes to the other 3 branches.

#3 - 02/24/2021 03:49 PM - Eric Flumerfelt

- Status changed from Resolved to Reviewed

- Co-Assignees Ron Rechenmacher added

Reviewed Ron's changes and merged to develop.

#4 - 03/01/2021 12:55 PM - Eric Flumerfelt

- Target version set to artdaq v3_09_05

- Status changed from Reviewed to Closed