

Arvados - Story #3022

Improvements to sortable log viewer

06/13/2014 02:51 PM - Tom Clegg

Status: New	Start date:
Priority: Normal	Due date:
Assigned To:	% Done: 0%
Category:	Estimated time: 0.00 hour
Target version: Arvados Future Sprints	

Description
(Continues where [#2883](#) left off)

Timing / resource usage summary

- "3 hours 8 minutes of worker node usage, plus 28 minutes idle" ("idle" = node allocated but no tasks running there)
- For each category (completed task IDs / incomplete task IDs / failures), show min/max runtime.

Time chart

- Perhaps like the chrome debug panel's view of network activity (attached screen shot), but more compact.
- Or, perhaps a vertical view with y=time(down), x=node -- i.e., idle nodes show up as empty areas.

Live updates

- Subscribe to job UUID via websocket. Update charts, statistics, and log messages as logs arrive.

Testing

- Write a crunch script and a 1-component pipeline to exercises various features
 - Request >1 node and make 1st task sleep a few seconds, to ensure some idle node time
 - Run multiple tasks per node and produce stderr every few seconds, to exhibit "sort by task" behavior and usability

Other

- Add tooltips with more detail about exactly what the categories mean

History

#1 - 06/18/2014 12:37 AM - Tom Clegg

- Description updated

#2 - 06/18/2014 01:14 PM - Tom Clegg

- Description updated

#3 - 06/18/2014 03:25 PM - Tom Clegg

- Story points changed from 1.0 to 2.0

#4 - 06/18/2014 03:25 PM - Tom Clegg

- Target version deleted (2014-07-16 Sprint)

#5 - 06/19/2014 09:18 AM - Peter Amstutz

- Description updated

#6 - 06/19/2014 09:21 AM - Peter Amstutz

Additional suggestions/ideas

- add a text box where the user can type in a comma separated list or a range of task numbers that they want to filter on
- Combine each radio button group into a drop-down menu
- Put filtering checkboxes in a popup menu

- Sticky column headers
- Bidirectional windowed scrolling instead of paging

#7 - 07/01/2014 03:12 PM - Ward Vandewege

- Target version set to 2014-08-06 Sprint

#8 - 07/03/2014 09:49 AM - Tom Clegg

- Target version deleted (2014-08-06 Sprint)

#9 - 07/04/2014 03:05 PM - Tom Clegg

- Target version set to Arvados Future Sprints