

## Arvados - Story #3022

### Improvements to sortable log viewer

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

<b>Status:</b>	New	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assigned To:</b>		<b>% Done:</b>	0%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	Arvados Future Sprints		
<b>Description</b>			
(Continues where <a href="#">#2883</a> left off)			
Timing / resource usage summary			
<ul style="list-style-type: none"><li>• "3 hours 8 minutes of worker node usage, plus 28 minutes idle" ("idle" = node allocated but no tasks running there)</li><li>• For each category (completed task IDs / incomplete task IDs / failures), show min/max runtime.</li></ul>			
Time chart			
<ul style="list-style-type: none"><li>• Perhaps like the chrome debug panel's view of network activity (attached screen shot), but more compact.</li><li>• Or, perhaps a vertical view with y=time(down), x=node -- i.e., idle nodes show up as empty areas.</li></ul>			
Live updates			
<ul style="list-style-type: none"><li>• Subscribe to job UUID via websocket. Update charts, statistics, and log messages as logs arrive.</li></ul>			
Testing			
<ul style="list-style-type: none"><li>• Write a crunch script and a 1-component pipeline to exercises various features<ul style="list-style-type: none"><li>◦ Request &gt;1 node and make 1st task sleep a few seconds, to ensure some idle node time</li><li>◦ Run multiple tasks per node and produce stderr every few seconds, to exhibit "sort by task" behavior and usability</li></ul></li></ul>			
Other			
<ul style="list-style-type: none"><li>• Add tooltips with more detail about exactly what the categories mean</li></ul>			

#### 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