



Sayef Azad Sakin <sayefsakin@email.arizona.edu>

New Primitive Histogram in Traveler

4 messages

Sayef Azad Sakin <sayefsakin@email.arizona.edu>
To: phylanx@stellar-group.org

Wed, Aug 5, 2020 at 2:31 PM

Hi Everyone,

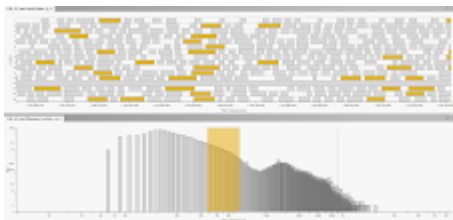
Last couple of weeks I've been working on a new histogram view with primitive duration. I have added a hamburger menu (see picture: cascading_menu.PNG) on the left sidebar to browser and select a primitive from a list. Upon selection of a primitive, respective Histogram view will appear on the interface. The new Histogram view presents the count of intervals of a specific duration on a logarithmic scale. This new view is acting as an accessory to filter out and highlight data in the Gantt View. You can use a brush to navigate on different time spans. Upon selection with the brush over the Histogram, intervals with related primitive is being highlighted with the same color in the Gantt View. (see picture: brushing.PNG)

I will be grateful to have some recommendations and feedback about this chart.

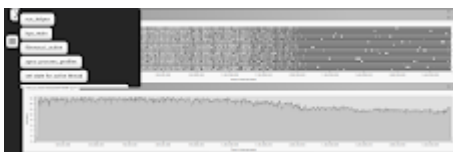
Thanks,
Sayef

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2 attachments



brushing.PNG
141K



cascading_menu.PNG
157K

Kevin Huck <khuck@cs.uoregon.edu>
To: Sayef Azad Sakin <sayefsakin@email.arizona.edu>
Cc: phylanx@stellar-group.org

Wed, Aug 5, 2020 at 4:06 PM

External Email

Sayef -

This is super cool! I like this feature a lot. Is there a way to select the number of bins in the histogram? I don't think it's needed, just curious.

Kevin

[Quoted text hidden]

[Quoted text hidden]

<brushing.PNG><cascading_menu.PNG>

Phylanx mailing list

Phylanx@stellar-group.org

<https://mail.cct.lsu.edu/mailman/listinfo/phylanx>

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Kevin Huck, PhD

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Sayef Azad Sakin <sayefsakin@email.arizona.edu>

Wed, Aug 5, 2020 at 4:19 PM

To: Kevin Huck <khuck@cs.uoregon.edu>

Cc: phylanx@stellar-group.org

Hi Dr. Kevin,

The number of bins is fixed (1000) in the histogram, and right now, it's not customizable through the UI. Though my backend implementation supports customizable bins. I also put a parameter 'bins' in the API which fetches data from the backend.

Thanks,

Sayef

[Quoted text hidden]

Hartmut Kaiser <hkaiser@cct.lsu.edu>

Wed, Aug 5, 2020 at 4:24 PM

Reply-To: hkaiser@cct.lsu.edu

To: Sayef Azad Sakin <sayefsakin@email.arizona.edu>, phylanx@stellar-group.org

External Email

Very cool! That will allow for easy identification of tasks that are too short, which is what we're always looking for.

Thanks!

Regards Hartmut

<http://stellar.cct.lsu.edu>

<https://github.com/STELLAR-GROUP/hpx>

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