Advanced Air Mobility National Campaign (AAM NC) Tech Talk
Grafana
September 2, 2022

Microsoft Teams Meeting Chat Transcript:

Brandt, Jeffrey K. (LARC-B7)[EAST2]9/2 10:29 AM
Are you able to share your custom panel plugins to other NASA Grafana users?

Hosagrahara, Vaishali A. (ARC-TI)[KBR Wyle Services, LLC]9/2 10:30 AM
Mapbox provides 3D maps also. What are the advantages of using Cesium over Mapbox for 3D map display?

Bagasol, Leonard N. (ARC-AF)[UNIVERSITIES SPACE RESEARCH ASSN]9/2 10:39 AM
Do any of these 3rd party libraries required paid licenses?

Brandt, Jeffrey K. (LARC-B7)[EAST2]9/2 10:42 AM
I'm also interested if you are using Grafana Enterprise or the free OSS version. We provide Grafana as part of the NASA IoT Platform but in order to have full integration with Launchpad to map to Grafana user roles it seems to require a paid enterprise license

Coupe, William Jeremy (ARC-AFH)9/2 10:48 AM
Is there a dedicated team within AAM NC focused on grafana and monitoring? And if so how big is that team?

Garza, Tony (JSC-XM)[BOOZ ALLEN HAMILTON]9/2 10:49 AM
what frequency of data can it handle? samples/second

Bhadoria, Divya (ARC-AFH)9/2 10:50 AM
This work is under ATI team within NC. Michele is pretty much one person army who manages all aspects of Grafana, there are other ATI sub-teams which work on data pipeline and flight test support which all feed into Grafana

Hegde, Pallavi (ARC-AFO)9/2 10:51 AM
Is it possible to build custom plugin for ML performance metric data and visualize from Grafana frontend layer

Coupe, William Jeremy (ARC-AFH)9/2 10:51 AM
how many developers are working under Michele on this effort?

Bhadoria, Divya (ARC-AFH)9/2 10:51 AM
For Grafana - it's just him

Coupe, William Jeremy (ARC-AFH)9/2 10:52 AM
I heard him say that some of this work was done 3-4 years ago. Has this been a one developer effort over how many years?

Garza, Tony (JSC-XM)[BOOZ ALLEN HAMILTON]9/2 10:53 AM
Grafana already available in NAMS (uses APPDAT)

Bhadoria, Divya (ARC-AFH)9/2 10:55 AM
A lot of this is carried over from other NASA projects such as UTM, and then we added our own visualizations and customization plus additional development needed to support those

Modi, Hemil C. (ARC-AF)[SCIENCE & TECHNOLOGY CORP]9/2 10:57 AM

Michele is awesome! Thank you so much for this exciting presentation!

Bhadoria, Divya (ARC-AFH)9/2 10:57 AM
Yes he is!

Jung, Jaewoo (ARC-AFH)9/2 10:58 AM
TCL2. brings me back memories!

Rios, Joseph (ARC-AF)9/2 10:58 AM
UTM TCL2 is circa 2017

Snycerski, Mark E. (ARC-TH)[San Jose State University Research Foundation Inc]9/2 11:02 AM
Great presentation Michele! The screenshots from a wide range of projects were very useful to see Grafana's possibilities.