ADC Monitoring
Points for Discussion

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Discussion

- This is an update of the ATLAS Computing and CERN-IT Monit experts meeting we held in September 2019.
    - A lot of progress has been made since
    - Here just a few points that are sticky and open for discussion
1) The data collection for the Job Accounting dashboard shows frequent faults and instabilities that need to be correcting by hand.
    - SNOW tickets have to be opened about once every week.
    - Manual fixes take time (days usually).
    - Not clear why these faults happen and why automatic procedures cannot be put in place to detect and fix them in real time.
2) Loading Grafana dashboards from InfluxDB can be very slow. Experience with Job Accounting and new SSB.
    - New ElasticSearch back-end for the Job Accounting dashboard looks much faster
        - But then why was it not done initially?
        - Can it be extended to other dashboards?

Discussion

3) Grafana is still lacking flexibility to customise the displays:

- No good representation for matrices containing URLs to the source of information

- No resizable labelling of axes

- No decent time interval representation

- No customisable legends

- Graphical extraction of the plots differs from the screen display

- In summary it's hard to produce plots to be used for presentations and publications - the only way is to take just the histogram, perhaps the legend separately in a different format and add titles, scales and labels by hand in PowerPoint or equivalent each time