Metrics Discussion

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Topic 1: How do we build trust in the data related to the metrics for success?

- Question regarding validity of citation data, whether various publications equally valuable
- Need for community standards
- Need for international standards
- Value of sanity check / multiple perspectives / multiple related metrics
- Any metric will be gamed if stakes high enough

Topic 2: What are the challenges related to gathering the metrics of success related to your projects?

- Considerable effort across HPC center community to collect acknowledgement, and more (automated) effort needed
- Difficulty getting human response, value in automation
- Several centers use a publication and citation thereof to generate acknowledgement.
- Software citation challenges - cultural issue / community standard, limitations on citations,
- Demonstrating software use via downloads challenging.

Topic 3: How are we currently using the data related to our project metrics, to inform or revise, our processes/actions/decision-making?

- User feedback shaping training curriculum (before/after surveys, 3 mo. follow up)
- Use data on cluster, job size (multinode vs not) informing need for infiniband on future cluster
- Experience of HPC evangelist trying to on-board non traditional HPC users - led to adoption of desktop tool, additional resources dedicated to that style of use.

Topic 4: What are the considerations for developing or improving on the "responsible metrics" for assessing the CI projects and defining benchmarks for success?

- One size doesn't fit all
- Context is key for understanding and adaptation