a benchmark for science
Why?

To Validate
To Compare
What’s inside?

Specific tasks/tests
Sample data
Scales (1TB, 100TB, 1PB)
Not included

TPC
Ease of use
 Compatibility
Current Status

Astronomy
LSST
Array model
Cook Observations
Match Observations between images
Find nearest neighbors
Statistics

Background density

Mean observation flux

Spatial observation density
Metrics

- Performance despite fault (loss of x% of servers, y% data)
- Performance at various scales
- Maximum tolerable failure
- Degree of query support
Needed

Tasks from the other 90% of science

Needs of your community

Editing the suite

Publishing sample data

Make everything as simple as possible, but not simpler.
-- A. Einstein
Up for discussion

- Your use cases
- Your specs
- Your sample data
- Any other comments

Everything’s on it!