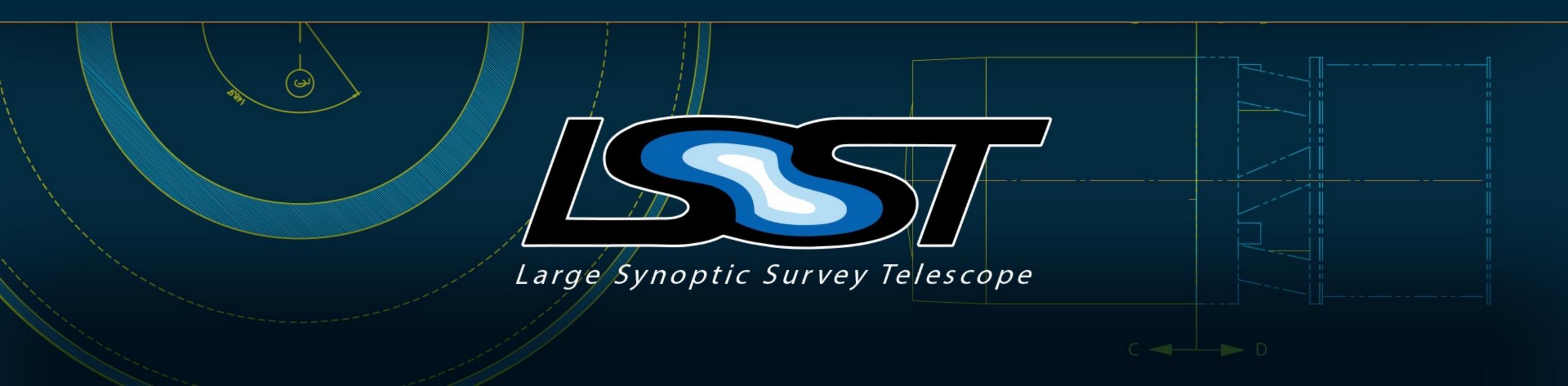


DM and Automated Summit Services

Kian-Tat Lim



Originally



Isolation between subsystems

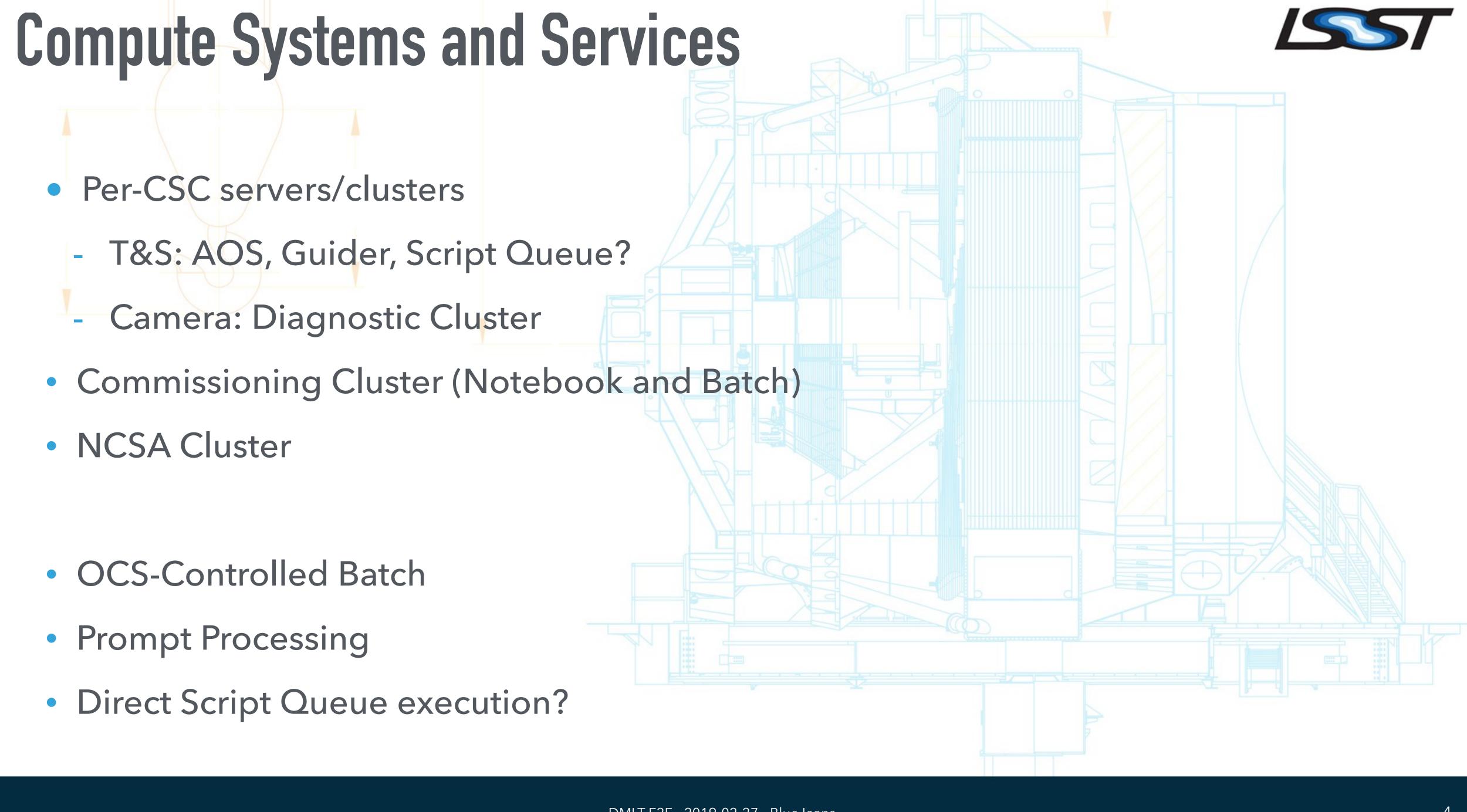
- Not only does DM only operate at the Base, but DM has nothing to do with the Summit.
- Summit systems could choose to use DM code, but they would get no special support or custom code.
- The expectation was that low-level objects would be used, but not higher-level middleware or control systems.

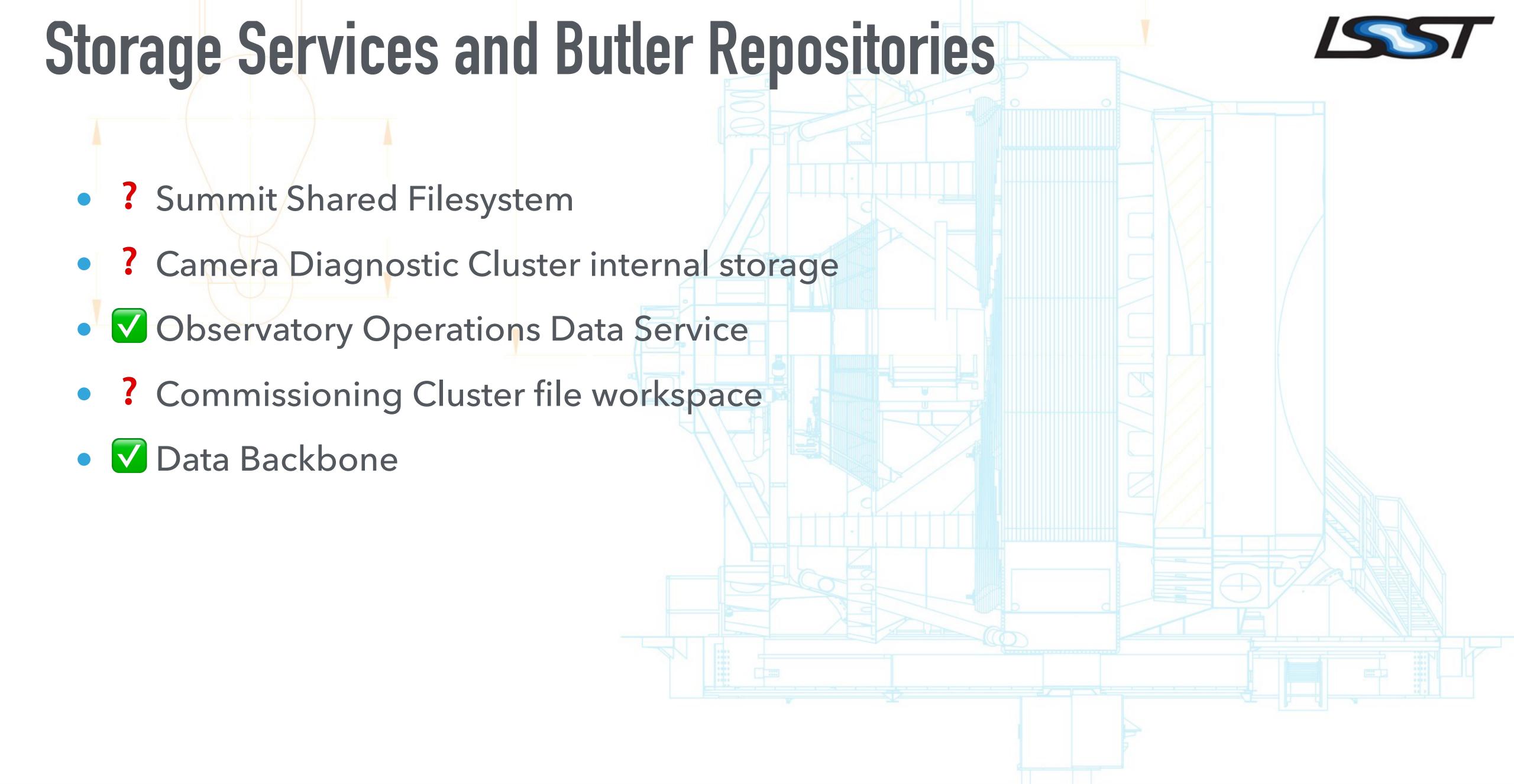
Today



DM in control loops

- Wavefront sensor processing for active optics
 - Includes ISR
- Guider image centroiding
- LATISS positioning and focus
- Camera Diagnostic Cluster analysis and visualization
- Commissioning and calibration scripts executed by Script Queue
 - Combine CSC control with analysis of images (or telemetry)
- (T&S CSCs running in full Science Pipelines environment)





Proposal



No LSP on the Summit unless Camera puts one in Diagnostic Cluster

- Nearly all LSP uses from the Summit should go to the Commissioning Cluster
- Notebook != LSP; can have notebooks on laptops or other servers

All Butlers on Summit use local SQLite registries

- Not integrated with DBB or each other
- No Oracle at the Summit

OCS-Controlled Batch is sufficient for Script Queue usage