



Arch S21B Status and Plans to FY23

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LSST
CORPORATION

S21B Status

Requirements and Design

- USDF specification
- Campaign management draft

Oversight and Release

- Exact environment for release (almost done)
- Slack Culture page
- C++17 approval

Investigation and Coding

- Gen3 Middleware
 - Prototype client/server Registry
 - UUID for repository merges
 - Execution Butler
 - CLI additions
- Build engineering
 - rubin-env updates, Jenkins maintenance, GitHub Actions consulting and maintenance
- OCPS initial delivery
- docsteady
 - New templates, Jira API, GitHub Actions

- USDF sizing, hybrid model

Plans to FY23

Requirements and Design

- Image service and regeneration
- Prompt Processing
- Campaign management

Oversight and Release

- Release re-engineering around exact environments
- git training?

Investigation and Coding – Middleware

- Retire Gen2
- Client/server Butler with signed URLs, auth, permissions
- Prompt Processing needs
- pipetask Python API
- Provenance
- Rucio integration?
- Registry subsets

Investigation and Coding – Other

- Build engineering
 - lsstinstall
 - rubin-env-extra
 - Optimize builds (e.g. Linux startup time)
 - Work with build engineer when hired
- OCPS updates
 - Return values and error handling
 - Multiple instances
 - Event-triggered
- Felis maintenance
- docsteady maintenance

Pre-Ops

- Integration
- V&V
- USDF sizing, technology, hybrid model