

SAT Meeting 2014-07-08

Date

July 8, 2014 12:00-2:00 PDT

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Attendees

Kian-Tat Lim	<input checked="" type="checkbox"/>
Mario Juric	<input type="checkbox"/> (on travel)
Jacek Becla	<input type="checkbox"/> (on vacation)
Unknown User (ciardi)	<input type="checkbox"/> (on travel)
Andrew Connolly	<input checked="" type="checkbox"/>
Gregory Dubois-Felsmann	<input checked="" type="checkbox"/>
Unknown User (mfreemon)	<input type="checkbox"/>
Donald Petravick	<input checked="" type="checkbox"/>
Unknown User (rlambert)	<input type="checkbox"/>
Robert Lupton	<input type="checkbox"/> (at SciPy 2014)
Unknown User (xiuqin)	<input type="checkbox"/>

Goals

Discussion Items

Item	Who	Notes
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Design Deep-Dive	CTL	<ul style="list-style-type: none"> • Discussed Level 1: Level 1 Calibrated Exposure Processing and Level 1 Difference Imaging and Moving Object Processing • Is ISR suitable for wavefront sensors? (They're out of focus, among other things.) Gregory to ask Chuck (Bo/Srini). • Unclear how well we need to know the PSF for L1. • We can use data from L1 or a previous DR to set initial conditions, but provenance points to that specific data. • Use multifit outputs for DCR-corrected template generation? • Filtering false positives? • Where/when do glints and other artifacts get masked? • Where do fakes get inserted and how? And how do we make sure they're flagged appropriately in the outputs? <ul style="list-style-type: none"> ◦ Do we have to insert into the template as well as the image? ◦ Do we have to process faked regions twice?
Data Storage	CTL	<ul style="list-style-type: none"> • Conditions/calibrations (bitemporal data): <ul style="list-style-type: none"> ◦ Butler handles all queries. <ul style="list-style-type: none"> ▪ But we need technologies underlying the butler. ◦ Gregory has a preference against numbers as code, but doesn't take git into account. <ul style="list-style-type: none"> ▪ git is not a conditions database. ◦ For data intended for tests, there is a third dimension beyond bitemporality: versioning. ◦ Need to have at least a metadata database, even if data itself is not in database.

Action Items

- ✓ Gregory Dubois-Felsmann: Ask Chuck (Bo/Srini) if ISR as defined for science sensors is suitable for wavefront sensors.
- ✓ Kian-Tat Lim: Update Confluence pages with corrections from RHL and questions from this meeting.