

# SAT Meeting 2014-08-19

## Date



August 19, 2014 12:00-2:00 PDT

< [previous \(2014-08-05\)](#) | [next \(2014-09-02\)](#) >

## Attendees

<a href="#">Kian-Tat Lim</a>	<input checked="" type="checkbox"/>
<a href="#">Mario Juric</a>	<input type="checkbox"/> (too busy)
<a href="#">Jacek Becla</a>	<input checked="" type="checkbox"/>
<a href="#">Unknown User (ciardi)</a>	<input type="checkbox"/>
<a href="#">Andrew Connolly</a>	<input type="checkbox"/> (on travel)
<a href="#">Gregory Dubois-Felsmann</a>	<input checked="" type="checkbox"/>
<a href="#">Donald Petravick</a>	<input checked="" type="checkbox"/>
<a href="#">Frossie Economou</a>	<input checked="" type="checkbox"/>
<a href="#">Unknown User (rlambert)</a>	<input type="checkbox"/>
<a href="#">Robert Lupton</a>	<input checked="" type="checkbox"/>
<a href="#">Unknown User (xiuqin)</a>	<input checked="" type="checkbox"/> (late)
<a href="#">Unknown User (robyn)</a>	<input checked="" type="checkbox"/> (interested party)
<a href="#">Jim Bosch</a>	<input checked="" type="checkbox"/> (interested party)
<a href="#">Unknown User (shaw)</a>	<input checked="" type="checkbox"/> (interested party)

## Discussion Items

Item	Who	Notes
Action Review	KTL	<ul style="list-style-type: none"> <li>Qserv dependencies added to stack by Mario.</li> <li>Jacek to make sure copyright statements/licensing are sent to Robyn.</li> <li>RHL to file a ticket about releases of pseudopackages including unnecessary packages.</li> </ul>
Action Request	Jacek	<ul style="list-style-type: none"> <li>  <a href="#">DM-1008</a> - Jira project doesn't exist or you don't have permission to view it.         </li> <li>  <a href="#">DM-1009</a> - Jira project doesn't exist or you don't have permission to view it.         </li> <li>Need better document on how/when to use each log level.</li> <li>Jacek to send instructions to RHL on how to build it.</li> </ul>
Action Request	KTL for Dick Shaw	<ul style="list-style-type: none"> <li>Add ds9 to the stack?</li> <li>RHL: We will continue to be able to use ds9 even if we move to something else.</li> <li>Camera team may not have ds9 already.</li> <li>JB: Do as "bring your own" with documentation and a link?</li> <li>DS: Have already done that.</li> <li>FE: Have a better error message if ds9 is not present?</li> <li>DS: Kind of late at that point. Put in <code>newinstall.sh</code>?</li> <li>Should keep <code>newinstall.sh</code> minimal.</li> <li>Keep in mind this category of optional-but-useful packages.</li> <li>Need a script to check for prerequisites; optional packages could be put in there.             <ul style="list-style-type: none"> <li>FE to create a ticket for this.</li> </ul> </li> </ul>
Design Deep Dive	KTL	<ul style="list-style-type: none"> <li><a href="#">Level 2 Calibrated Exposure Processing</a> differences from L1</li> <li>Crosstalk correction</li> <li>Master calibration products (including extra ones beyond L1)</li> <li>Source measurement</li> <li>PSF estimation may use entire focal plane, wavefront sensors, history of wavefront data, PSF model built up over time.</li> </ul>
Discussion	KTL	<ul style="list-style-type: none"> <li>Items from LSST2014 meeting</li> <li>DS: Warnings about deprecated packages in doxygen and even at build time?</li> <li>RHL: Two situations: where there is a replacement now and where there will be eventually.</li> <li>When we know a package is likely to go away or have its interface change extensively, we should mark the package as such. Doing it in the package summary page is adequate for now.</li> </ul>
Discussion	KTL	<ul style="list-style-type: none"> <li>Package renaming and reorganization</li> <li>JBosch: People should submit strawman proposals for debate. Also come up with possible relevant issues like SWIG being slower for multiple packages.</li> <li>FE: Want some idea of how repos work with each other; hard with a large number.</li> <li>History: many packages for dependencies and developer interaction.</li> <li>JBosch: Reorganize Python namespaces to make more sense; can be independent of git repos.</li> <li>RHL: Focused proposal for objections might be better.</li> <li>DS: Structure can be helpful explaining how packages relate.</li> <li>FE: git modules are a problem. Highly hierarchical namespace, but can be in one or a few repos.</li> <li>JBosch: Namespaces that make sense conflict with dependencies.</li> <li>JBecla: Qserv is all in one package.</li> <li>Maximum package size may be set by sharing considerations.</li> <li>FE can provide effort to implement.</li> <li>Should do before moving off gitolite.</li> <li>Aim to have proposal from Jim in the next week or two, have decision by end of September, get everything moved in a week thereafter (if necessary).</li> </ul>

---

## Action Items