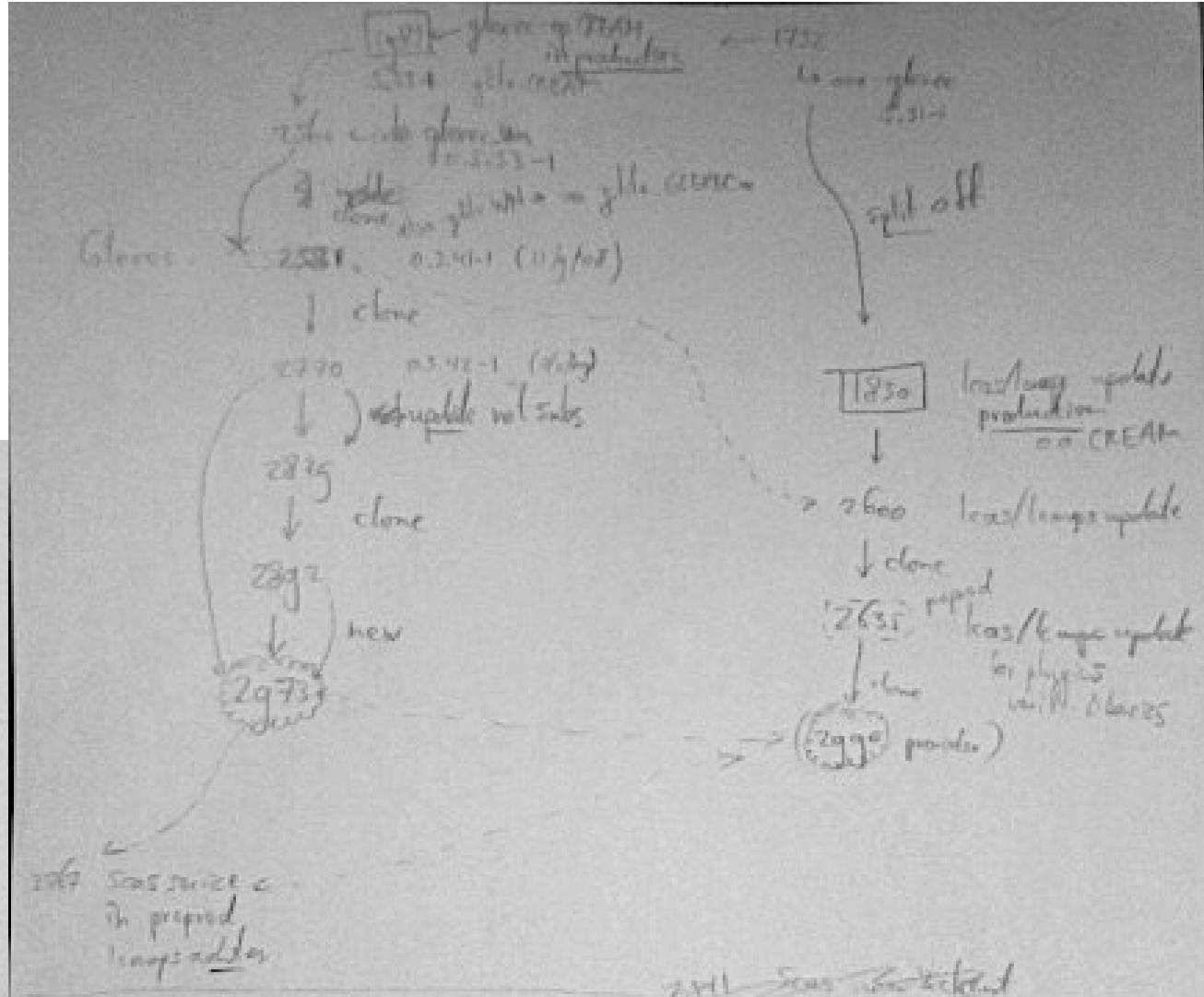
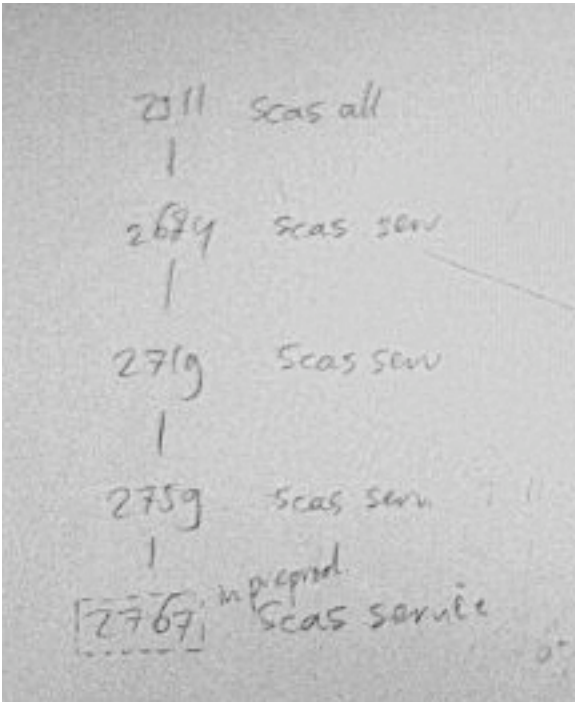


Patch & Bug management, issues to avoid...

Oscar Koeroo

Mischa Sallé

JRA1



- **Name of component not (explicitly) mentioned in the bug title or report**
 - Unable to trigger on the bug by its name
- **(Process of) assigning to responsible person is left dangling**
 - If the title is unclear and not assigned to security, then dangling
 - If Joni is on vacation, then that's resulting into a dangling bug
- **Setup or deployment scenario not explained**
 - Listing the RPMS doesn't explain how the node is configured
 - Various configuration options may alter the behavior

- **Information in patches are unsearchable**
 - Find an open patch based on RPM, component name, etc.
- **What is in a meta package (today...)**
- **Tracing the history of a patch is hard**
 - Reasons why a patch is Obsoleted or Rejected are unclear
 - what is the formal difference between Obsoleted and Rejected...
 - Communication between developers and certifiers/integrators must ensure mutual understanding about the reasoning
 - We must ensure traceability
- **How do patches link to each other**
 - Rejected/Obsoleted -> Cloned
 - New patch -> old patch?

- **When “HowToFillAPatch” isn’t clear enough goto “HowToFillAPatch”**
 - Pre-knowledge about this page is not assumed
 - Sometimes the text raises questions but are not answered
 - e.g. Original Submission: “In this field you can provide any general information that is useful for certifying the patch.”
- **Patch dependency semantics are unclear**
 - HowToFillAPatch hints to “Fixed bugs” not to “Dependencies”
 - What does it “mean” to add a dependency from a patch to another patch
 - What kind of signal does it trigger at the certifiers and integrators?
 - Which one is leading?
- **Who is responsible for harmonizing component versions between multiple patches?**
 - Note: the shared YUM repository takes the latest and greatest

- **We've got the best possible communication lines on the planet... let's use them not 'just' for the LHC**
- **Sometimes communication is distorted by misunderstanding**
 - Signal for this problem early
 - Ask for missing information to get on track
 - Pick up a phone and talk the person (or use IM when hesitant)
 - Ensure that others are able to know what you discussed and concluded during an IM or phone session

- **Why can't gLite 3.1 build SL5 32/64?**
- **Why can't gLite 3.2 build SL4 32/64?**
- **What's the status of Debian...?**

- **“Yes, we can...”**
 - Saml2-xacml2-c-lib can build on all these platforms from glite 3.1
 - gLExec is deployed on OSG by using Etics builds at Fermilab and VDT via NMI on centos3-32, centos4-32/64, centos5-32/64