

# ALDIRAC

status / future

May 27, 2015

ALDIRAC

ALDIRAC system: SimuDB

Usage/cost report

Comments

Prospects

This project has received funding from the European Union's Seventh Framework Programme for research, technological development and demonstration under grant agreement no 607521.

Uses:

- DIRAC v6r11p23
- VMDIRAC v1r0, patched for AWS

Adds dedicated system to manage  
Alpes Lasers data (SimuDB)

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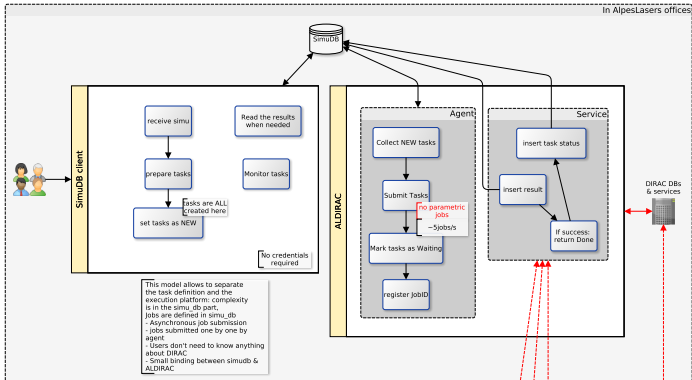
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## Use AWS:

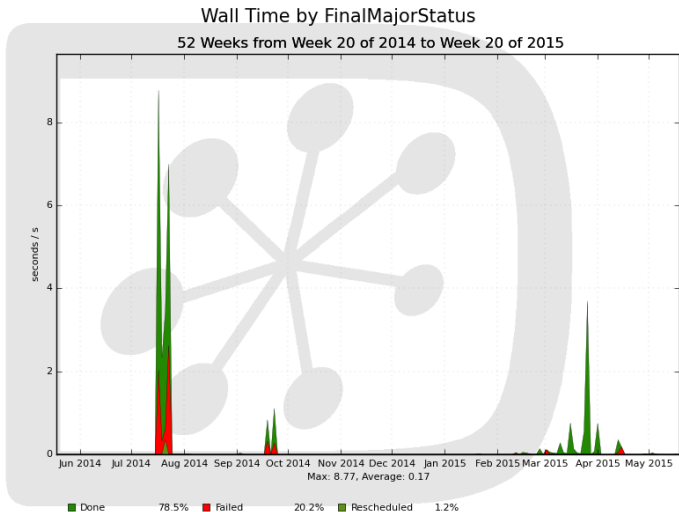
- Image created once, stored on AWS
- ALDIRAC update performed at boot time using dedicated script

## Software management:

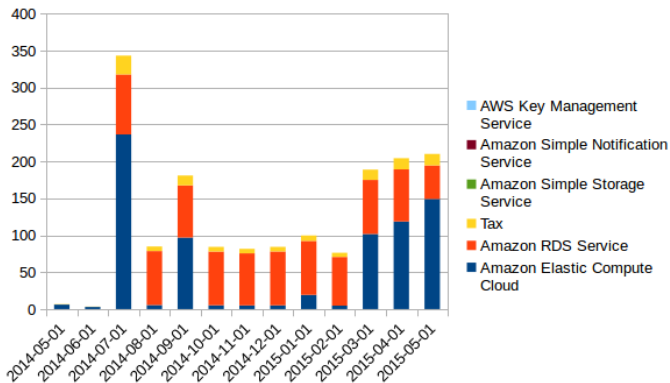
- AL software only in AL premises
- rsync'ed with ssh at job start
- Mostly uses 'pip' package structure → easy installation







Generated on 2015-05-20 12:52:02 UTC



And now some personal/shared comments



- Active development
- Lots of users
- Code review (Yeah!)



- Project leadership
- Project planning
- Project stability
- Project usability

- Who is responsible?
- Who is the contact person?
- Who is responsible for what?



- Where are written the development plans?  
(Discussed already, thanks Malachi)
- Where are the specs for the required changes? (Discussed already, thanks Jan)
- Can we stick to plans?



Ensure n-year stability  
(LTS):

- Need utilities to migrate
- Need “guarantee” that systems work
- Public reports for run quality (CI reports)

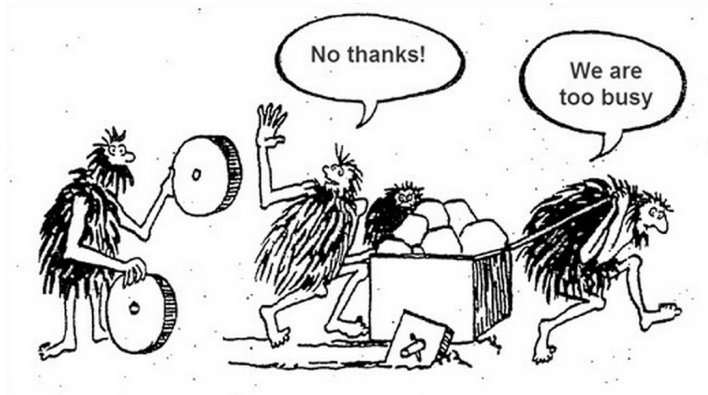


This version **MUST only** receive real patches.

Required:

- Better deploy/install tools: can we use setup.py/pip?
- pyOpenSSL?
- 'Standard' tools e.g. SimpleXMLRPCServer allows keyword args, function doc lookup (self documented client)
- Exceptions
- PEP8
- Flot

Web platform: why not django?



Currently DIRAC is not industry ready.

Submitted DIRAC abstract to



EUROPYTHON  
2015 Bilbao, 20-26 July

- Last DIRAC User Community meeting
- Unsure after Dec 8th
- ALDIRAC future?