

Calipsoplus @ ALBA

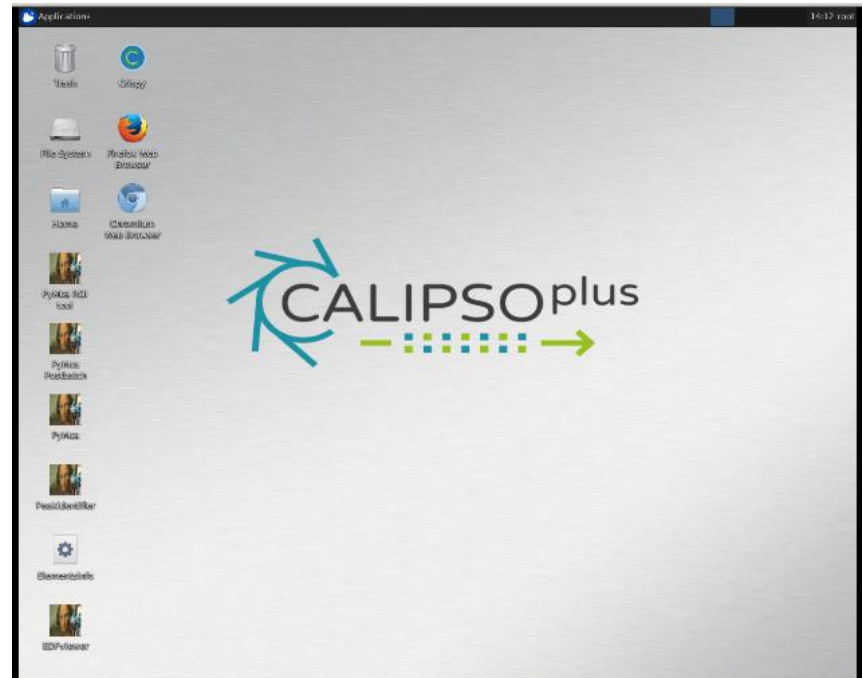
Design and implement
Remote Data Analysis
as a Service portal
demonstrator



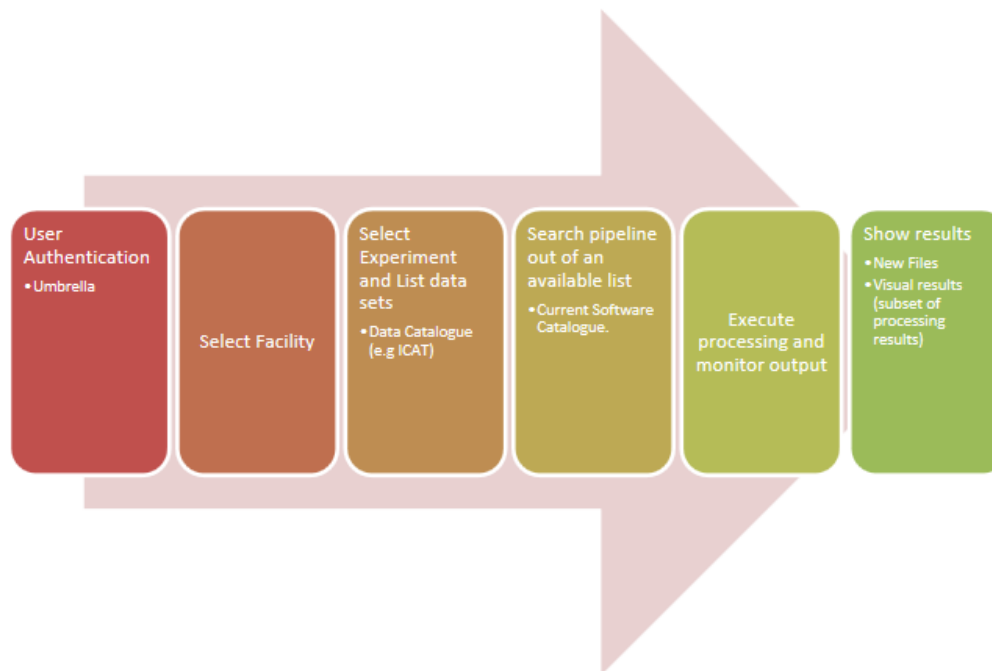
- **Project Manager**
 - Daniel Salvat Iturbide
- **Software Engineers**
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 - Daniel Sánchez Gil
- **Infrastructure/IT Systems**
 - Adara Carrion Gallegos
 - Pau Carnicer Heras
 - Sergi Pusó Gallard
- **Data Manager**
 - Vicente Rey Bakaikoa
- **Scientific Software**
 - Carlos Pascual Izarra



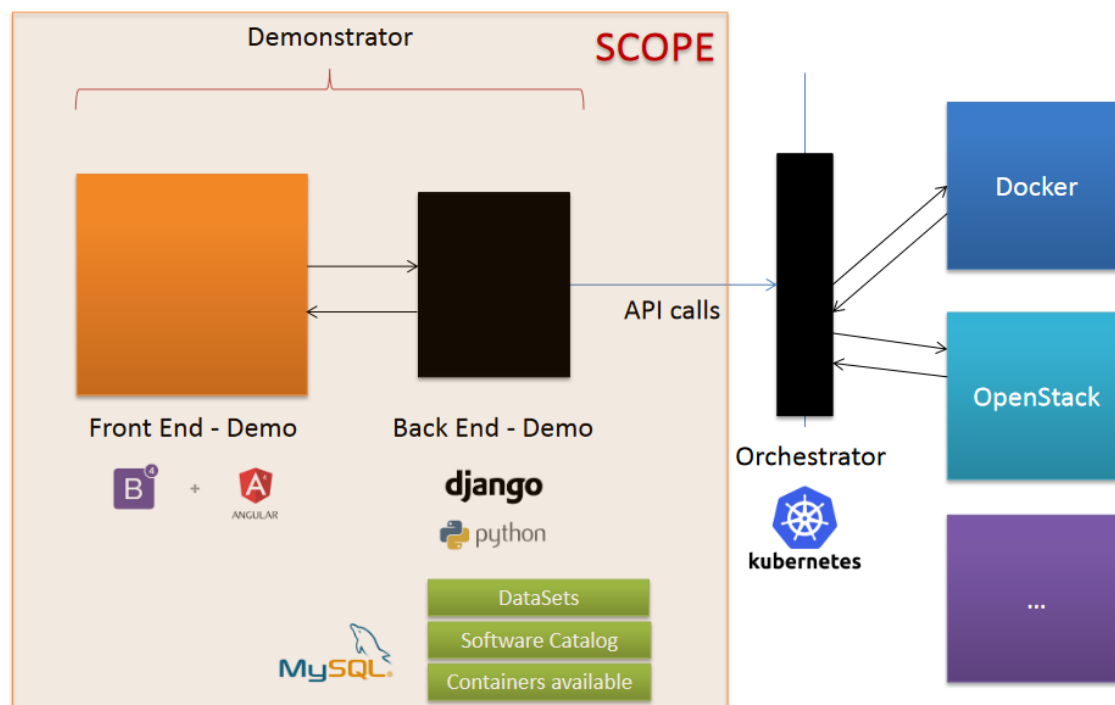
- Demonstrator of a Photon Science Analysis Service (DaaS).
- Demonstrator for remote data analysis for a small number of archetypal experiments.

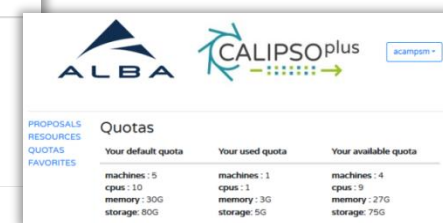
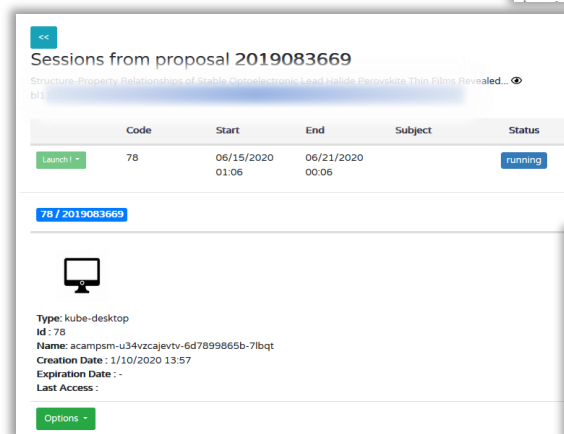
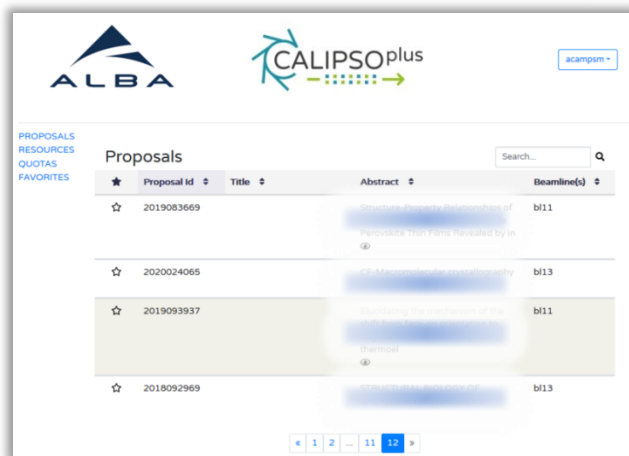
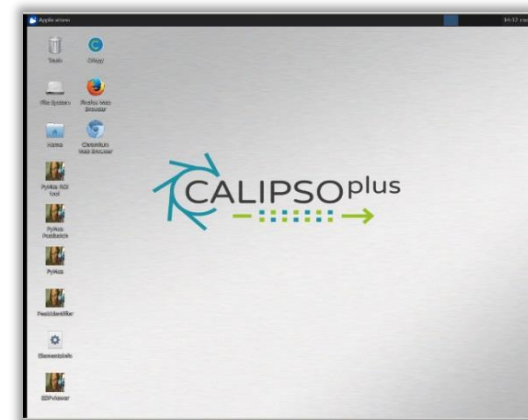
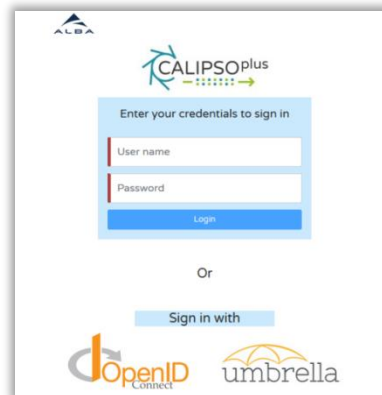
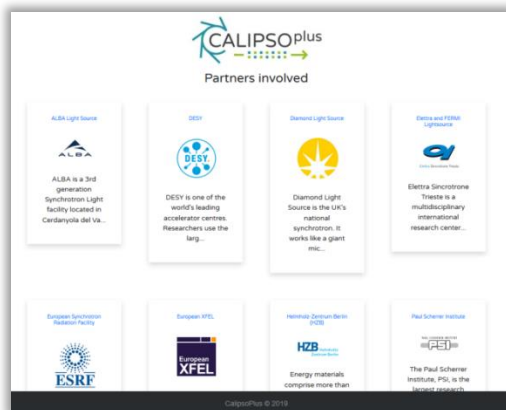


- Authentication.
- Select Facility.
- Select Experiments.
- Select Software.
- Monitoring output.
- Show Results.



- Angular.
- Django.
- Guacamole.
- Docker.
- Kubernetes.
- OpenStack.





Status at ALBA

- ~2.400 hours since June 2017.
- Status → Not in production (ICAT instance is still not in production either).
- Contributing to the Github repository for maintenance, mainly.
 - <https://github.com/Calipsoplus>
- New developments contribution has been frozen due to other assignments.



Thank you very much for your attention !

2020/10/08