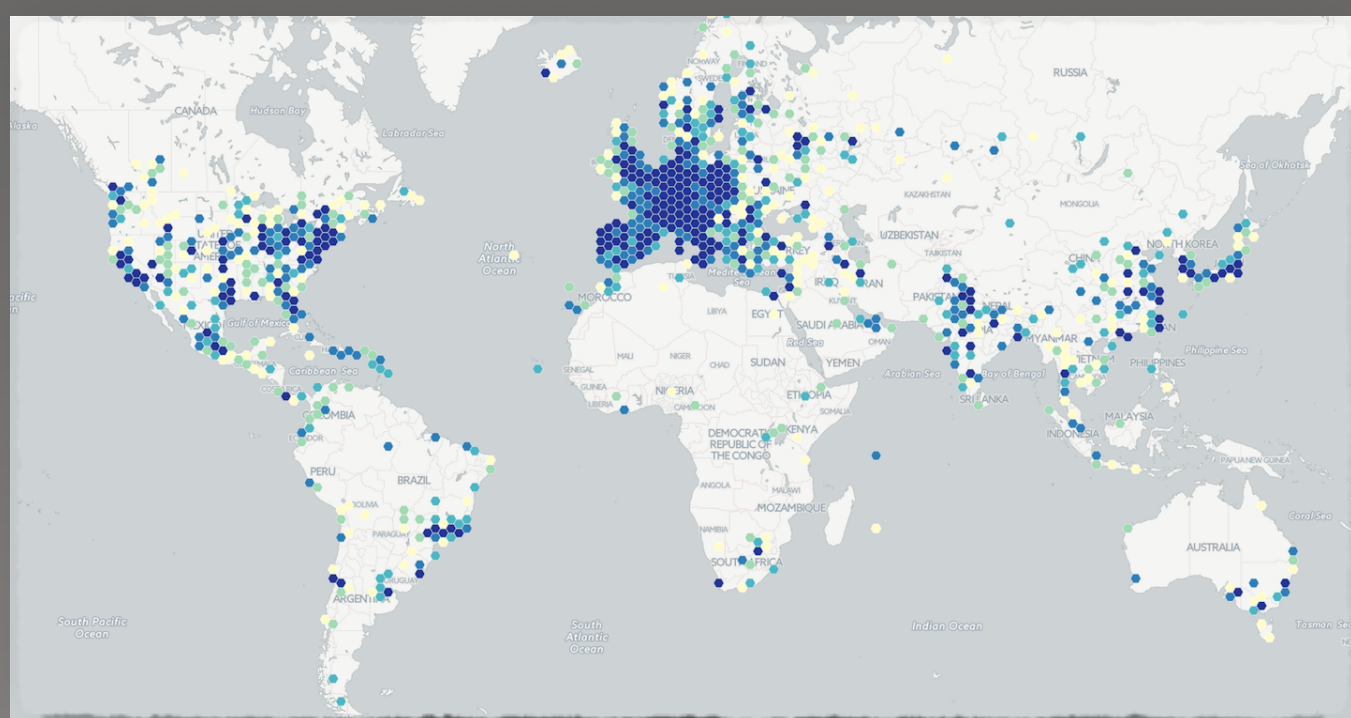
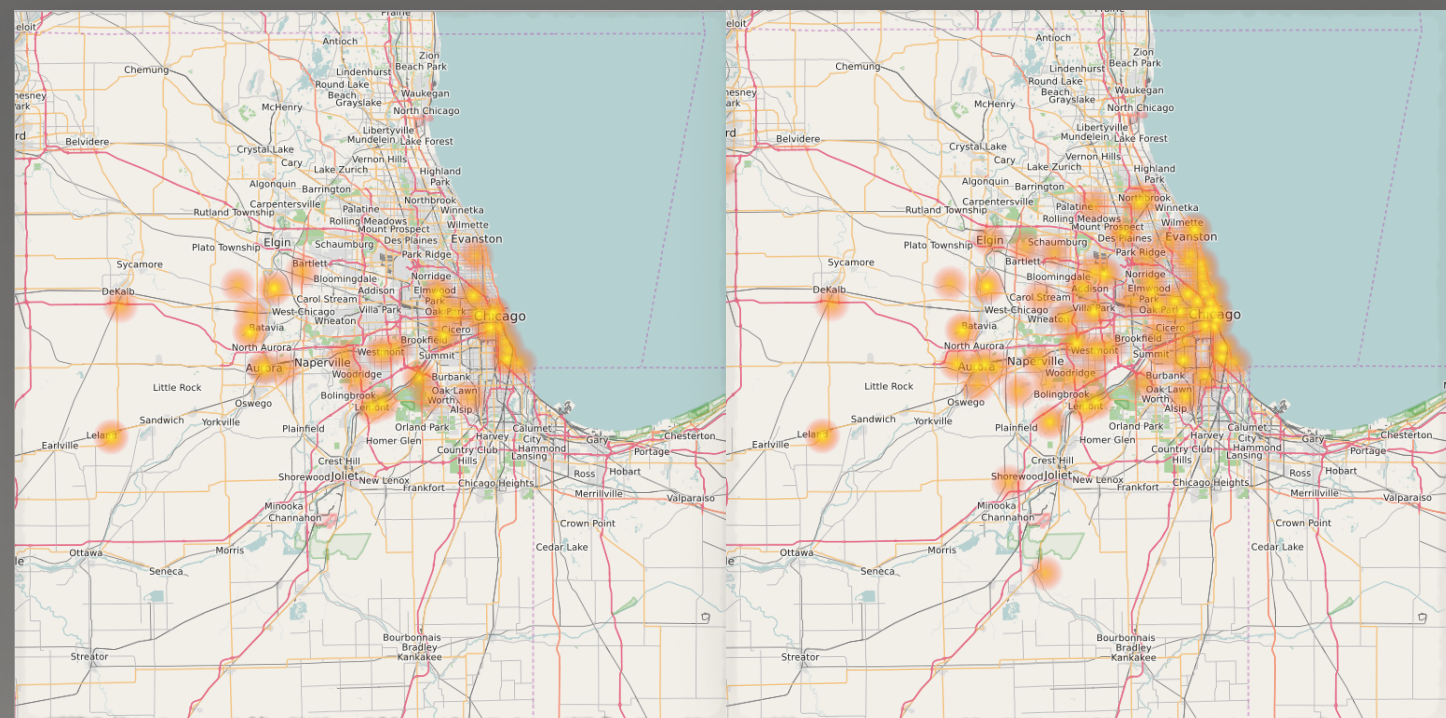


Users

ICHEP Chicago



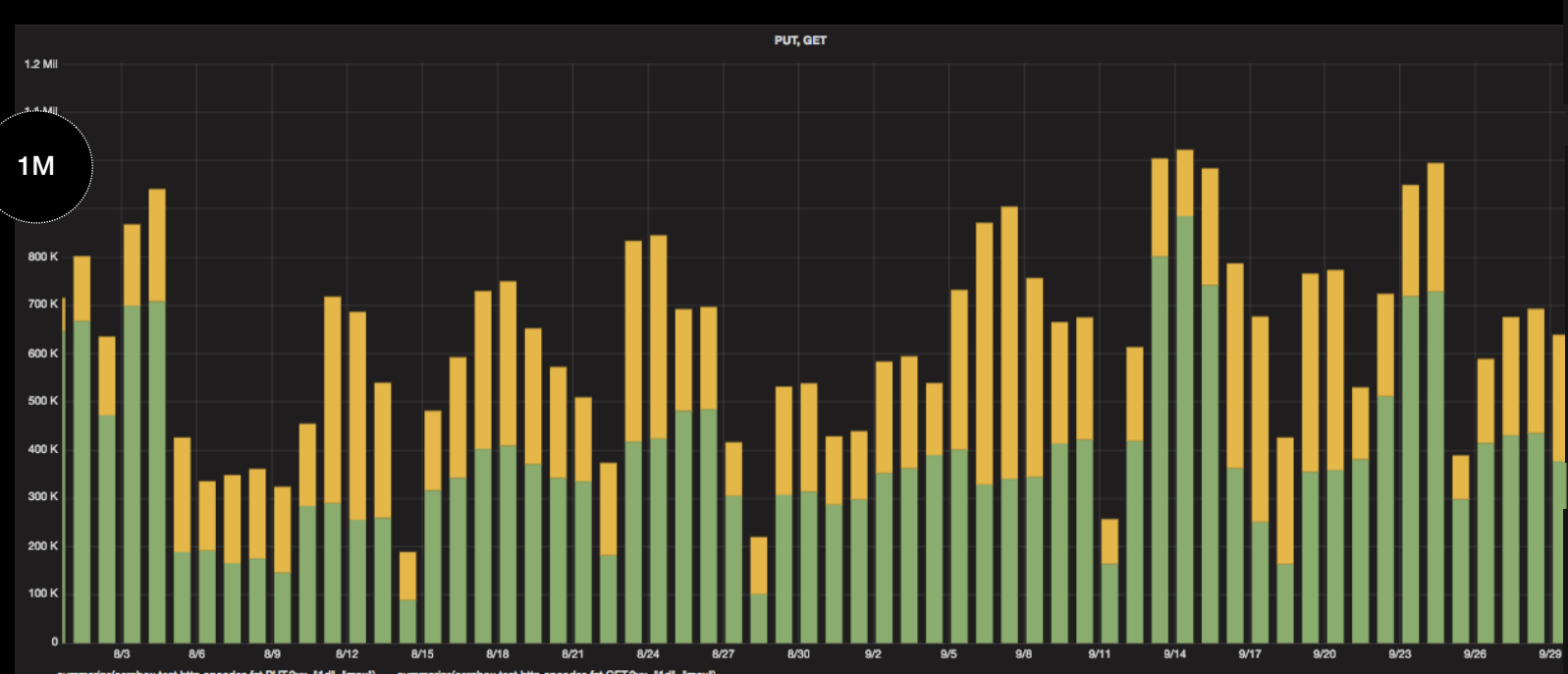
6K Users, 20K Shares



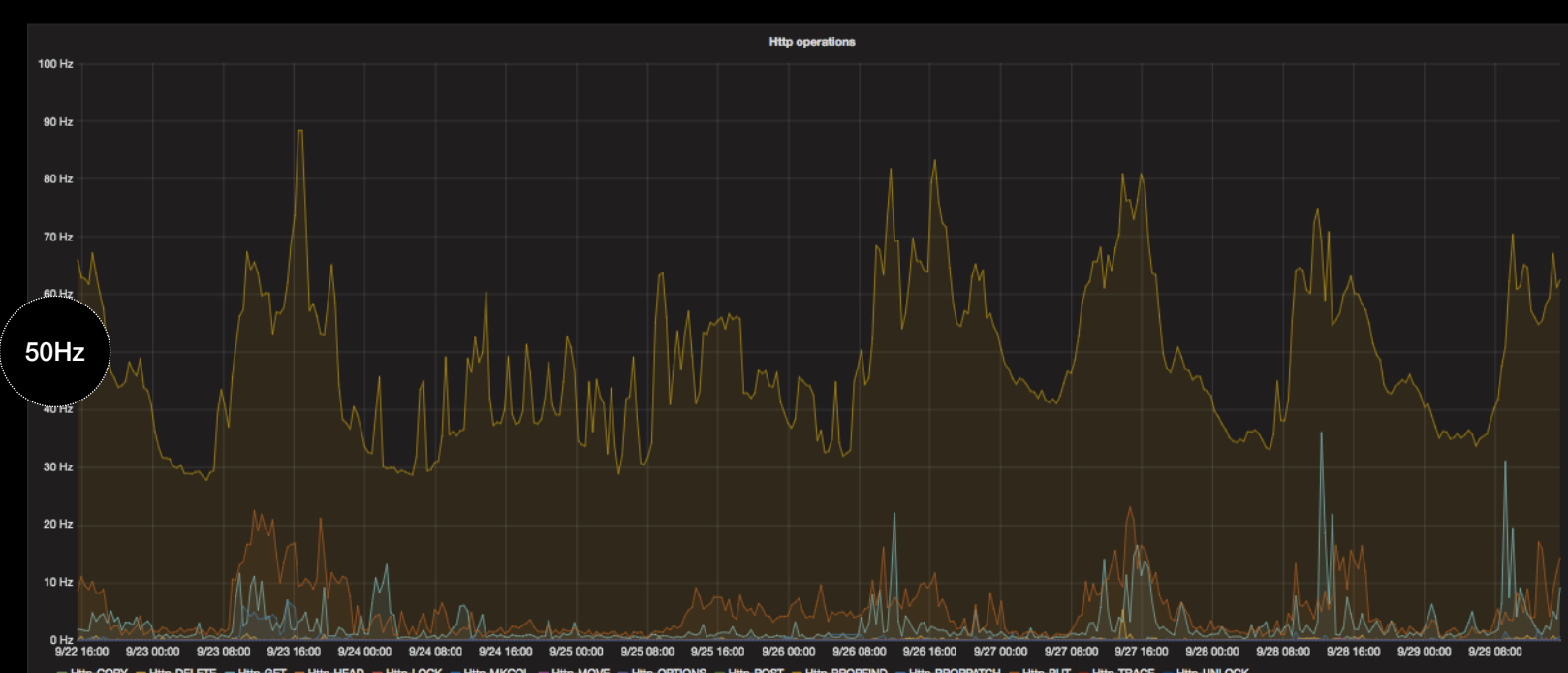
July

August

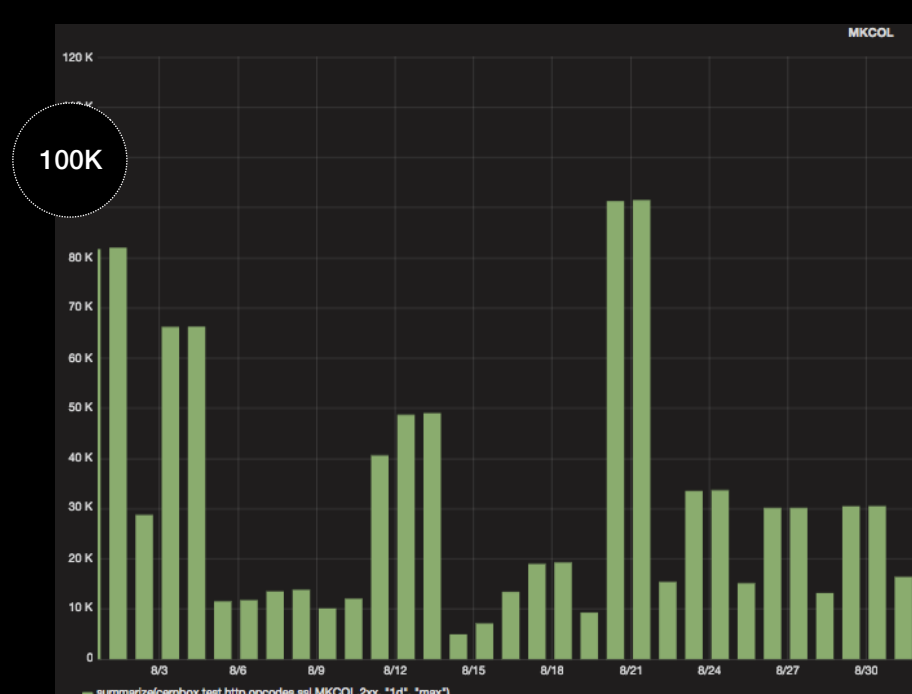
Operations



Daily File Transfers



HTTP Access Rate



Daily Dirs Created

CERNBox #files: 109.4 Mil

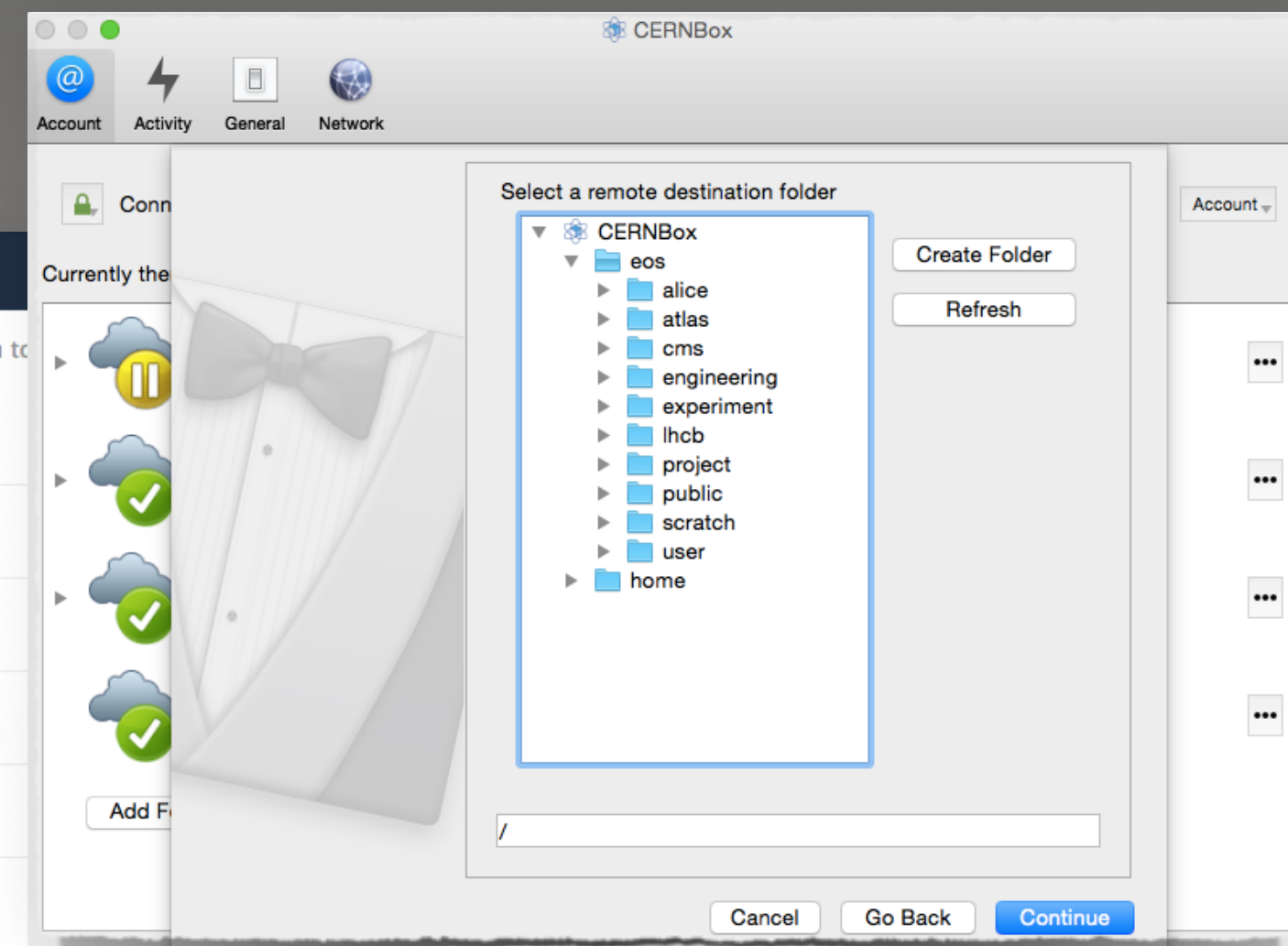
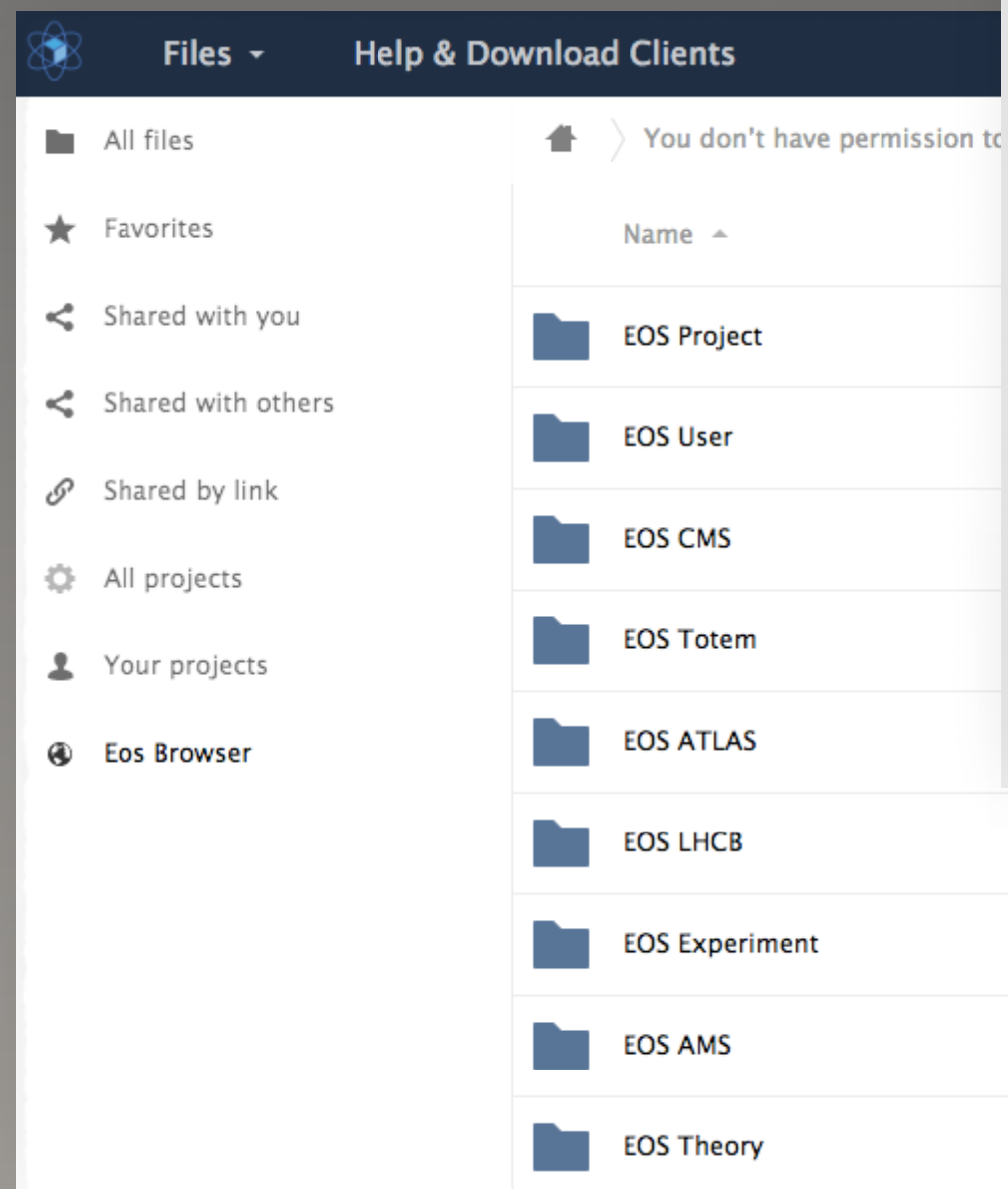
Δ #files: 2735530 (1 week)

CERNBox #users: 6556

Δ(#users): 60 (1 week)

CERNBox data: 240 TiB

Big Data Repositories at the Fingertips



Share



Shared File Spaces for All Platforms



Data hub for analysis, shared file spaces and more

G. Adde
B. Chan
D. Duret
A. Fiorot
N. Guerrero
H.G. Labrador
J. Lopez

M. Lamanna
L. Mascetti
P. Mato
J.T. Mościcki
A.J. Peters
D. Piparo
E. Tejedor



CERNBox

CERN IT-ST

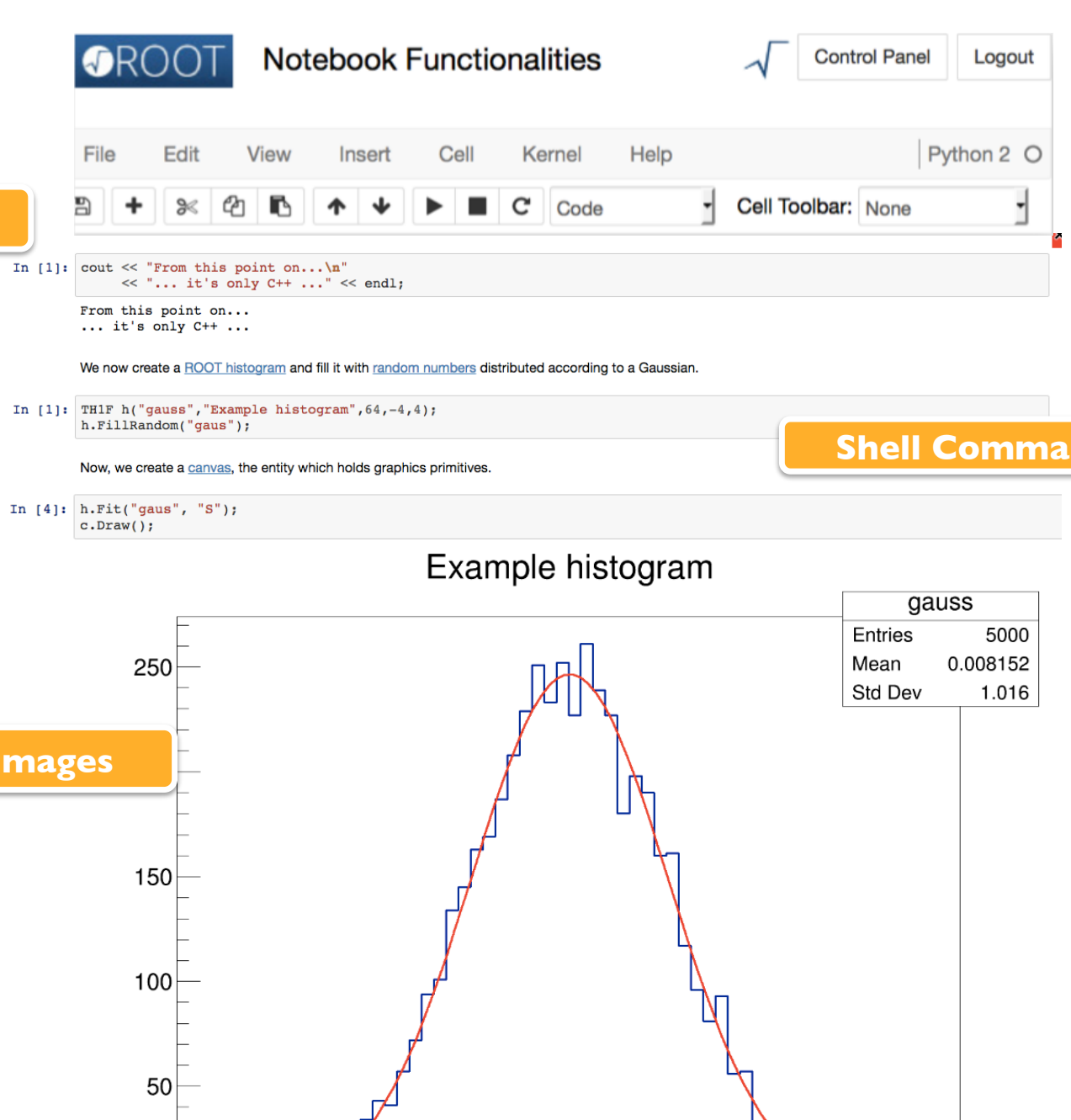
Contact:
jakub.moscicki@cern.ch



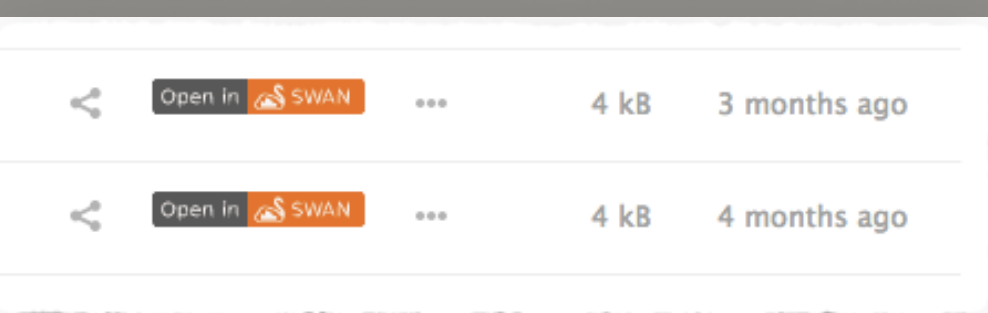
Cloud data analysis storage backend

In a browser

Scientific & Educational Notebooks



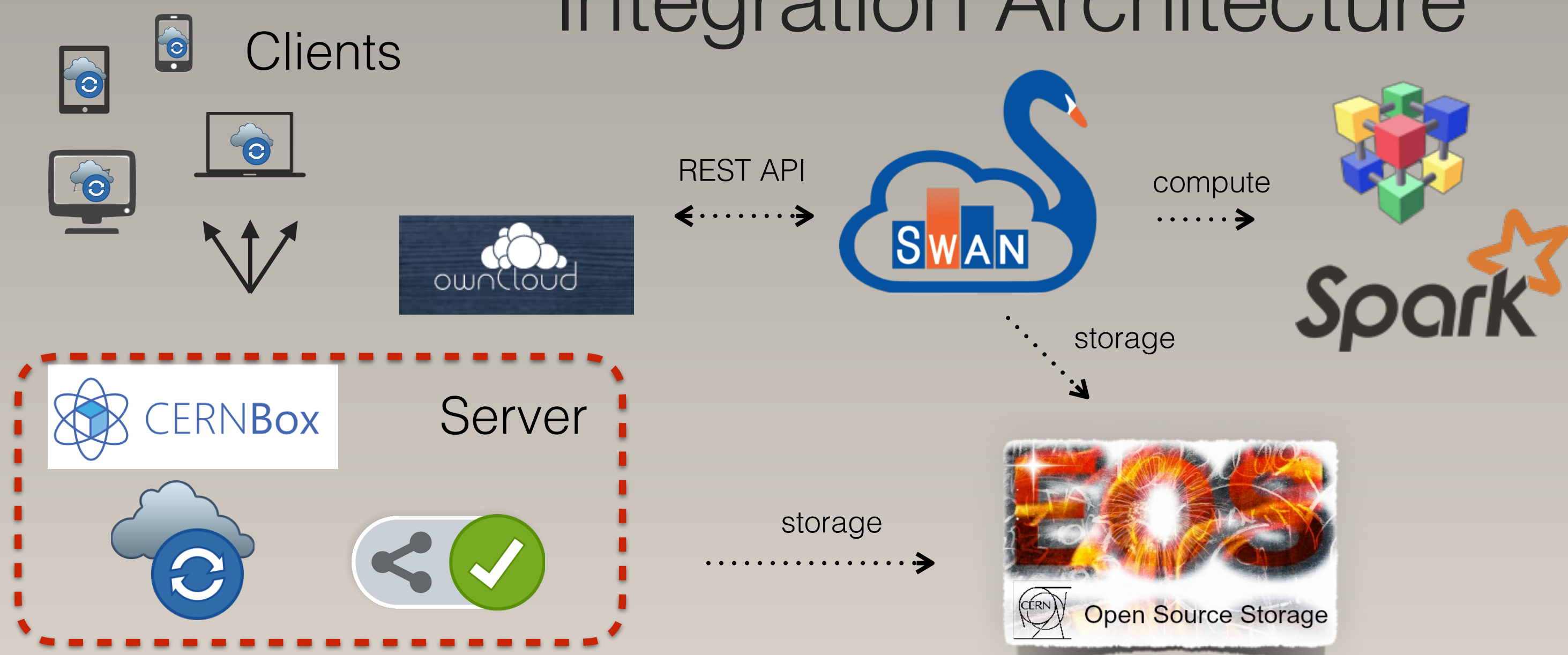
SWAN is an integrated analysis environment with access to online data repositories in EOS and locally synchronised files in CERNBox. User may easily choose which files are synchronised and shared with their collaborators..



Sharing of SWAN notebooks via CERNBox.

Notebooks may be viewed or opened for editing directly from CERNBox.

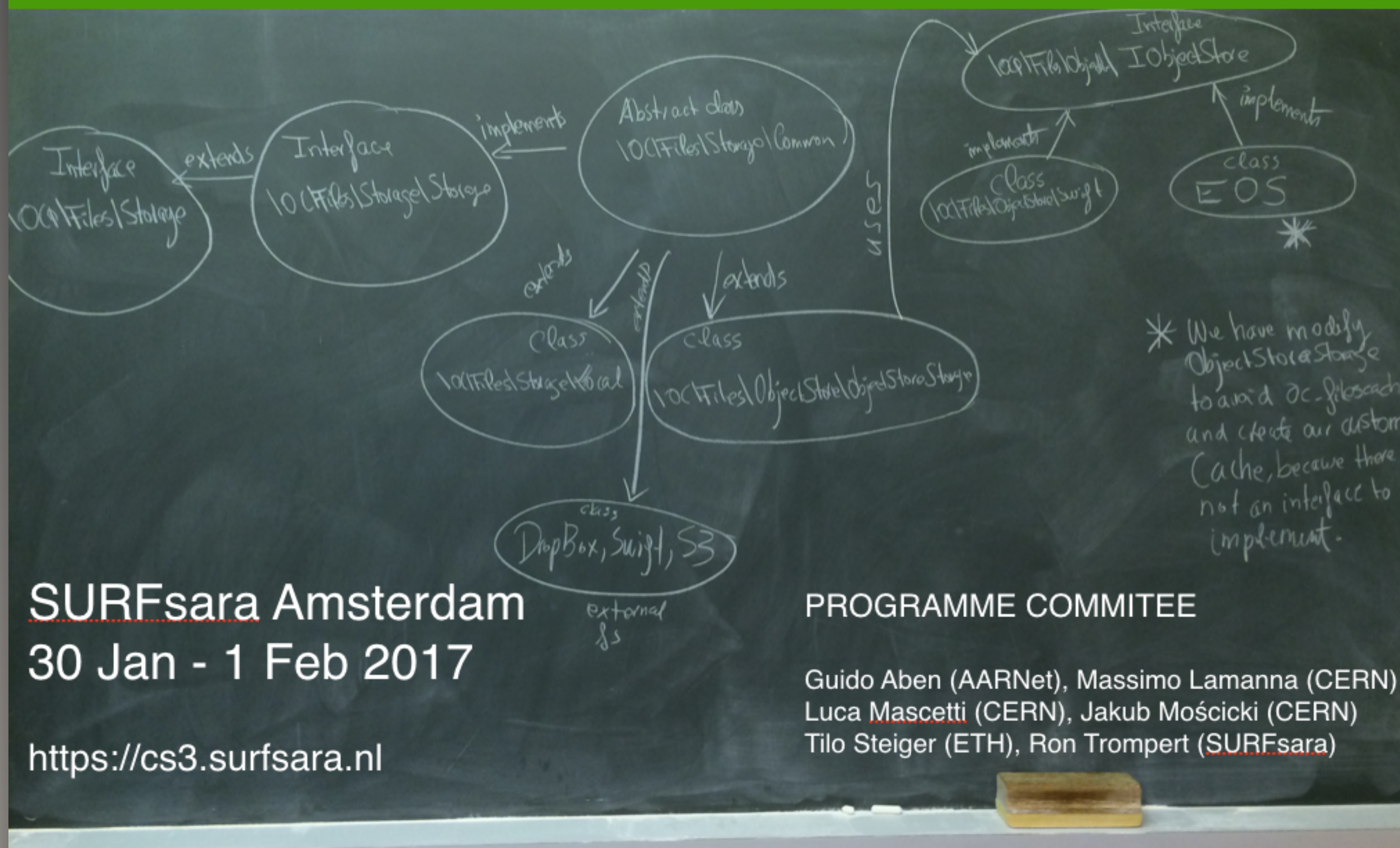
Integration Architecture



Education & Research Community

Cloud Services for Synchronisation and Sharing (CS3)

Novel applications, cloud storage technology, collaborations



Federation

Multi-vendor API to connect on-premise clouds and sync/share solutions.