



Causerie DIO

Calcul

09/01/2023



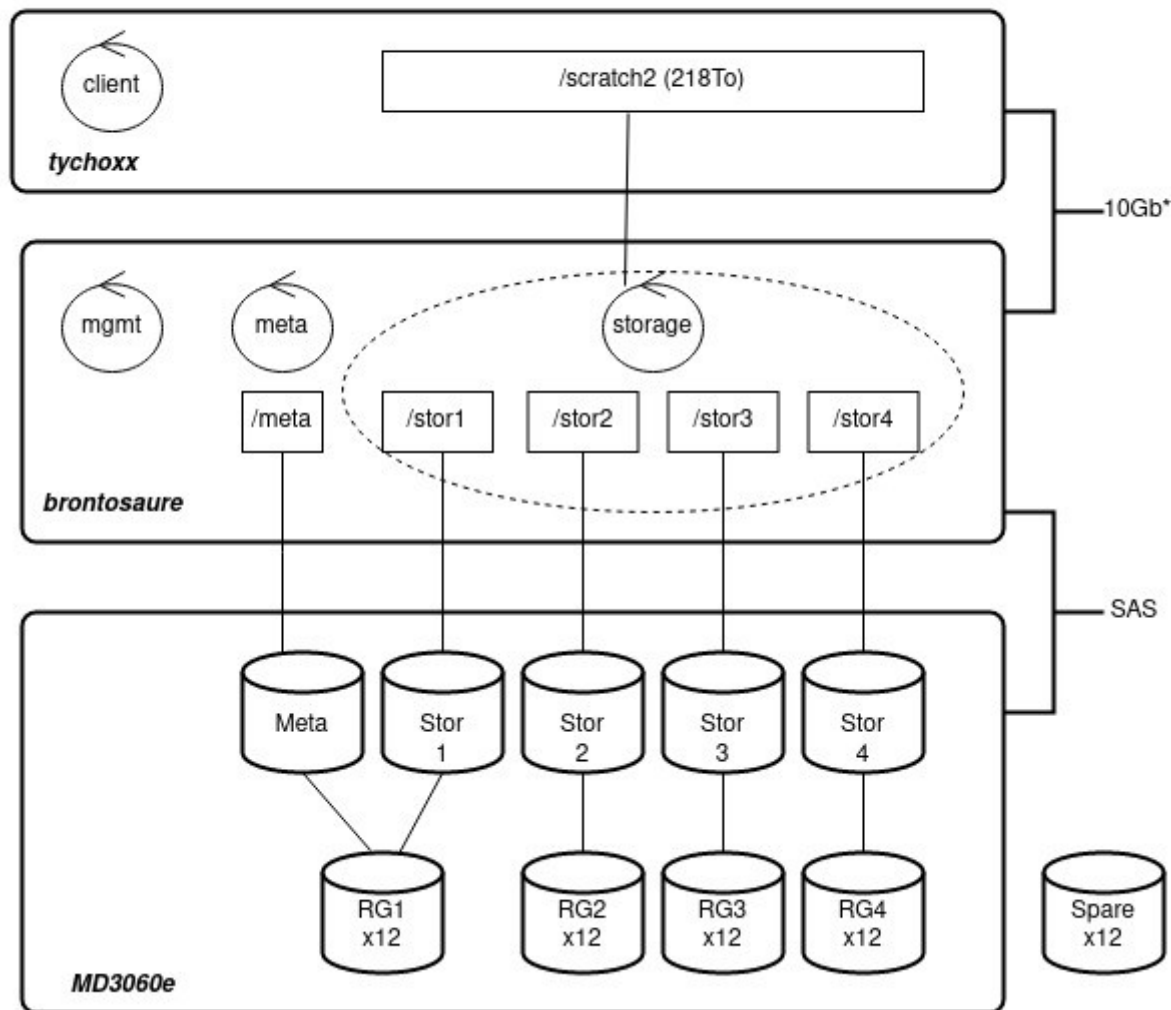


Nouveaux espaces de stockage BeeGFS

- scratch2 sur Tycho

- loreli sur MesoPSL

Espace BeeGFS /scratch2 sur Tycho



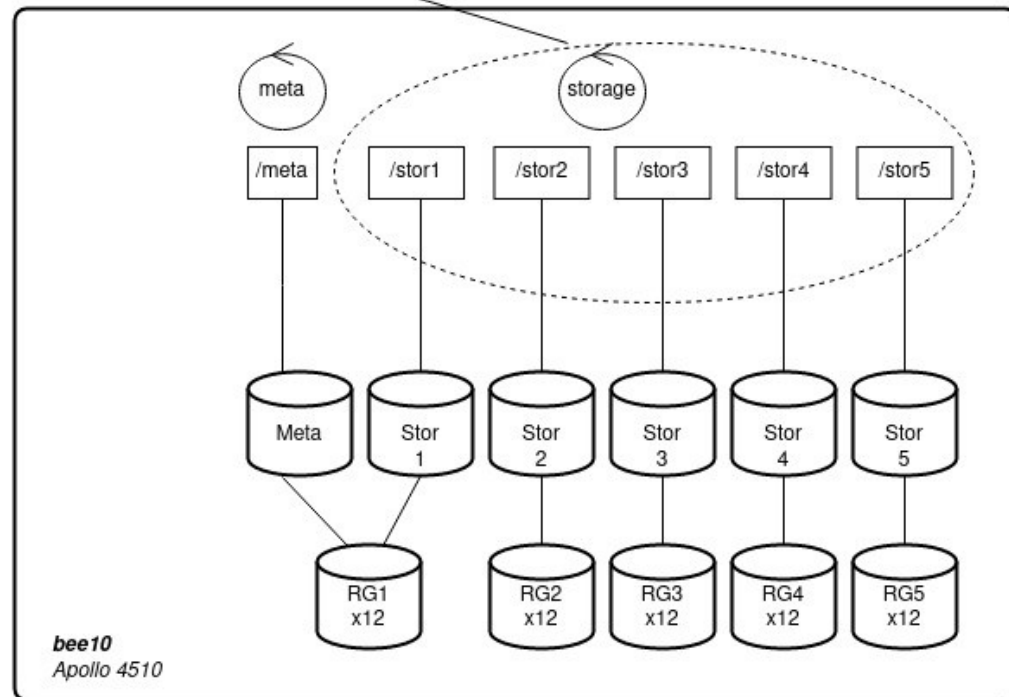
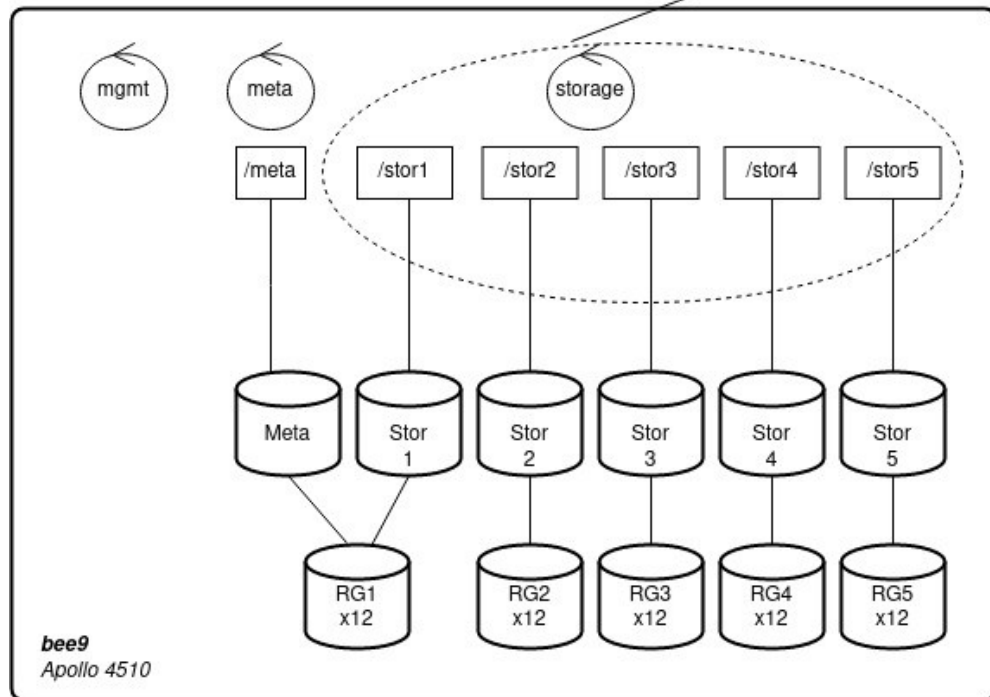
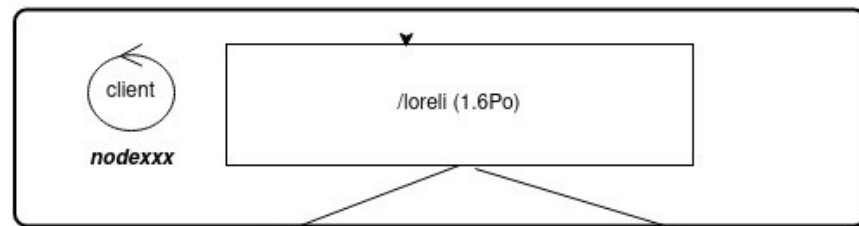
Tests de performance avec IOR

mpiexec -machinefile machinefile0 -np 16 src/ior -wr -i2 -t2m -b 1g -g -F -e -p -o <répertoire>

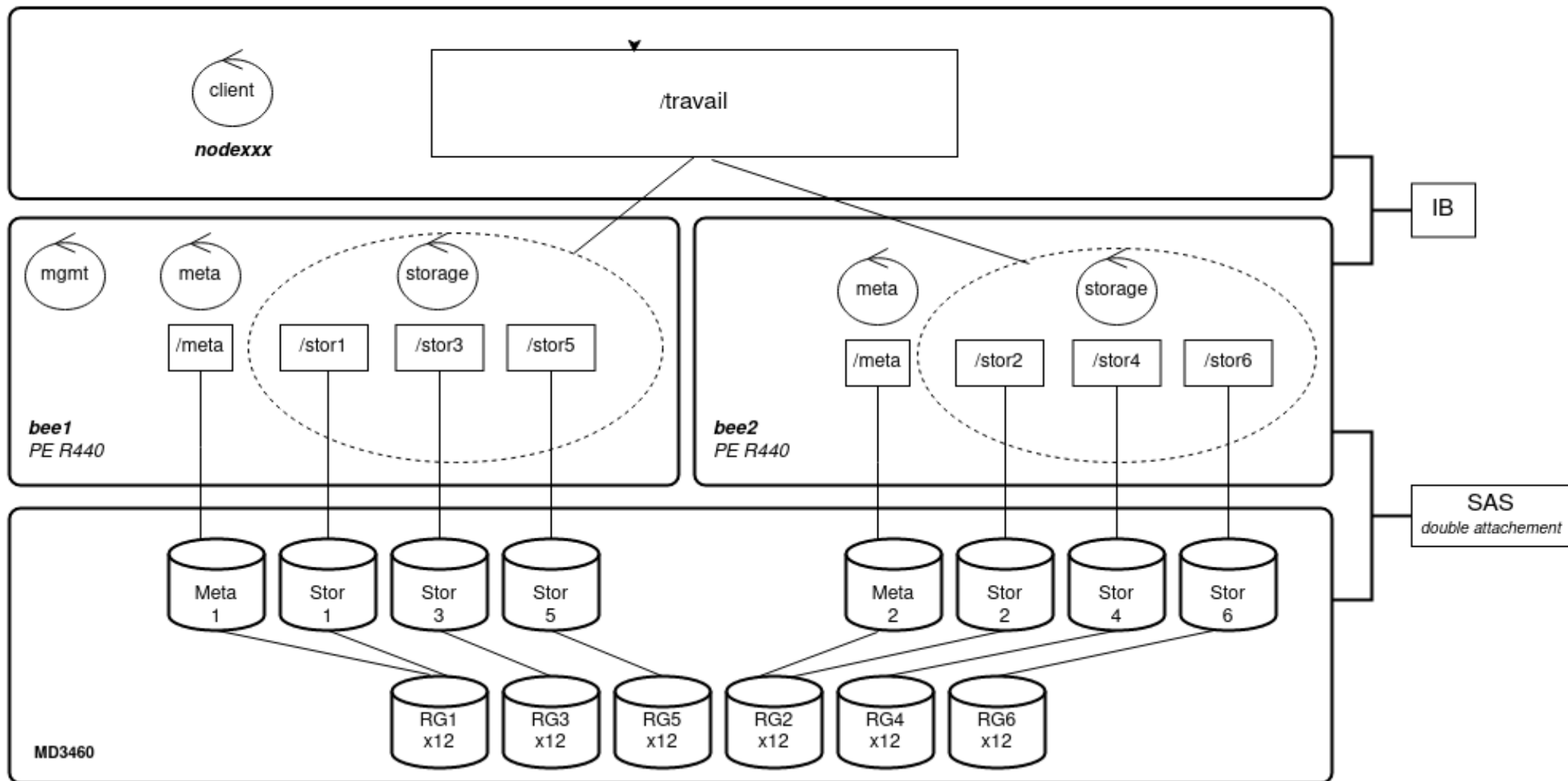
		Local	NFS*	BeeGFS	BeeGFS
	Écriture en Mo/s	/scratch	/poubelle	/scratch2	/travail
1G	tycho02	92.86	86.15	104.59	n/a
10G	tycho82	655.68	79.14	911.57	n/a
56G	mesopsl	n/a	n/a	n/a	855.80

**Export NFS sur un lien 1G*

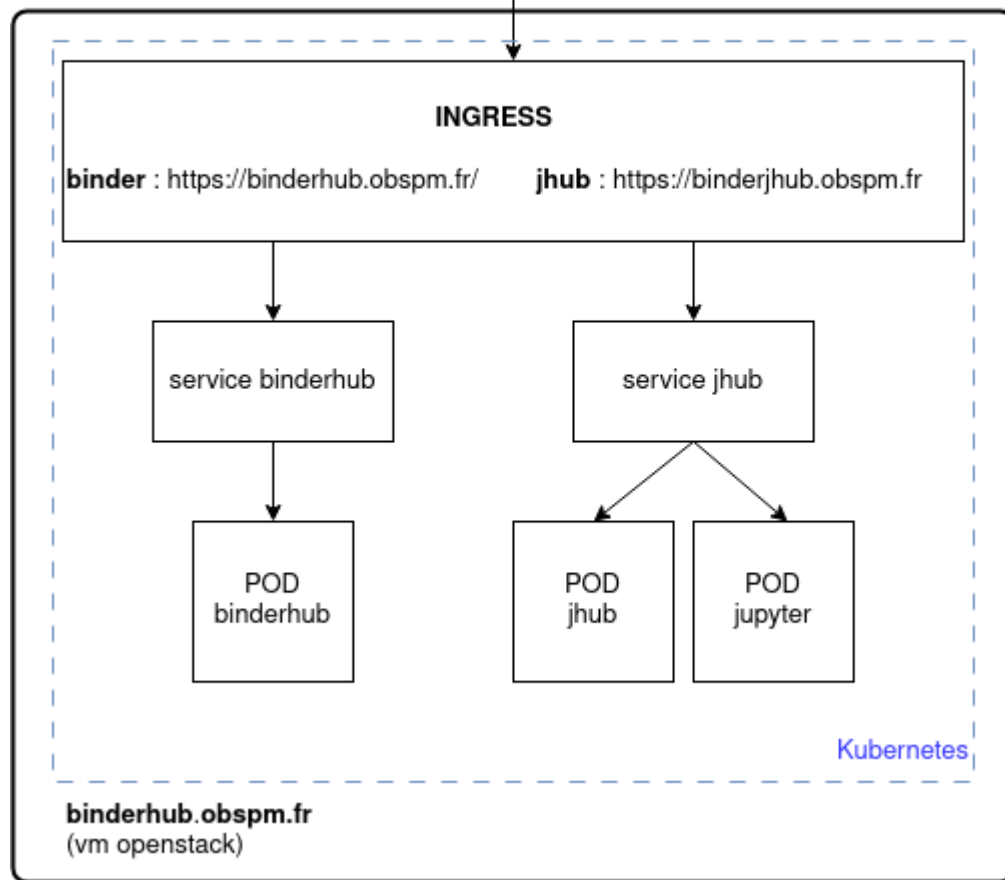
Espace BeeGFS /lorel sur MesoPSL



Espace BeeGFS standard sur MesoPSL









Turn a Git repo into a collection of interactive notebooks

Have a repository full of Jupyter notebooks? With Binder, open those notebooks in an executable environment, making your code immediately reproducible by anyone, anywhere.

New to Binder? Get started with a [Zero-to-Binder tutorial](#) in Julia, Python, or R.

Build and launch a repository

Arbitrary git repository URL (<http://git.example.com/repo>)

Git repository ▾

GitHub (commit) Path to a notebook file (optional)
Gist Path to a notebook file (optional) File ▾

Git repository

GitLab.com
Zenodo DOI
Figshare DOI
Hydroshare resource
Dataverse DOI

Share your Binder with others:

Expand to see the text below, paste it into your README to show a binder badge:



Folder navigation icons: +, +, ↑, ↻

Filter files by name

Folder icon /

Name	Last Modified
Y: environme...	2 months ago
index.ipynb	2 months ago
notebook-...	2 months ago
README...	2 months ago

Launcher

Notebook

Python 3 (ipykernel)

Console

Python 3 (ipykernel)

Other

Terminal | Text File | Markdown File | Python File | Show Contextual Help

MESoNET

Le mésocentre des mésocentres



Les partenaires MesoNET

Un réseau de 21 partenaires régionaux coordonné par GENCI



Mesonet :

- Projet EquipEX qui rassemble 21 mésocentres sous la coordination de Genci
- A pour but de mettre en place des ressources de calcul distribuées en région

GT Stockage :

- Fédération de stockage
- 2 Po de stockage par mésocentre

Cas d'utilisation :

- Acquérir des données à Nantes
- Les traiter à Strasbourg
- Les visualiser à Reims

Choix de la solution

- iRods vs Rucio

Planning

13/01 : définition de l'architecture technique iRods

27/01 : préparation des prérequis techniques des backends iRods afin de lancer les commandes



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