NeLS and StoreBioinfo storage Projects and storage layers

Kjell Petersen

EDIXIR Norway, Norwegian e-infrastructure for Life Sciences and usegalaxy.no



Overview of data management

FAIR data management from sequencing provider to public repository

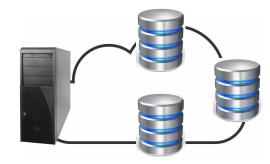
Data production



Data storage/sharing



Data compute



Data archiving









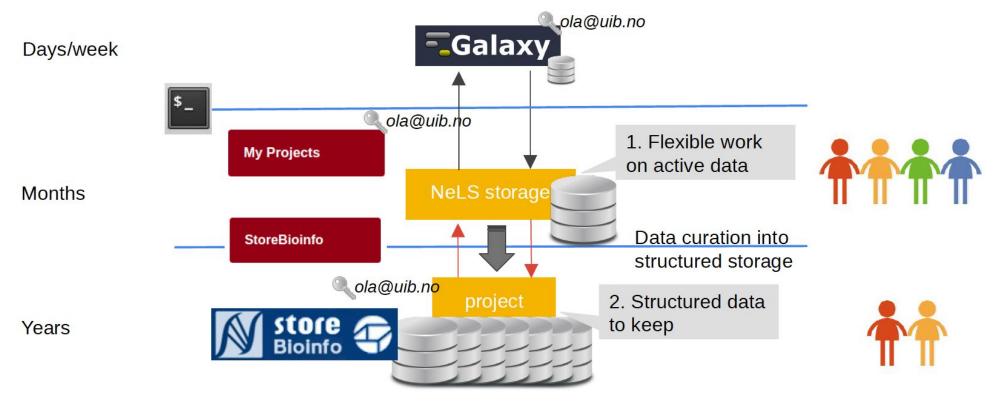




Data management



NeLS architecture



Decades



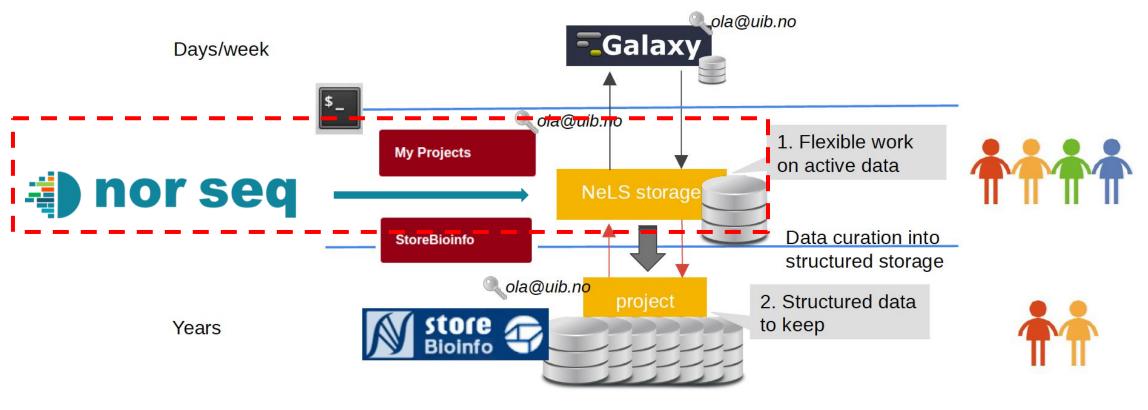
Research data archive







Data from data providers



Decades



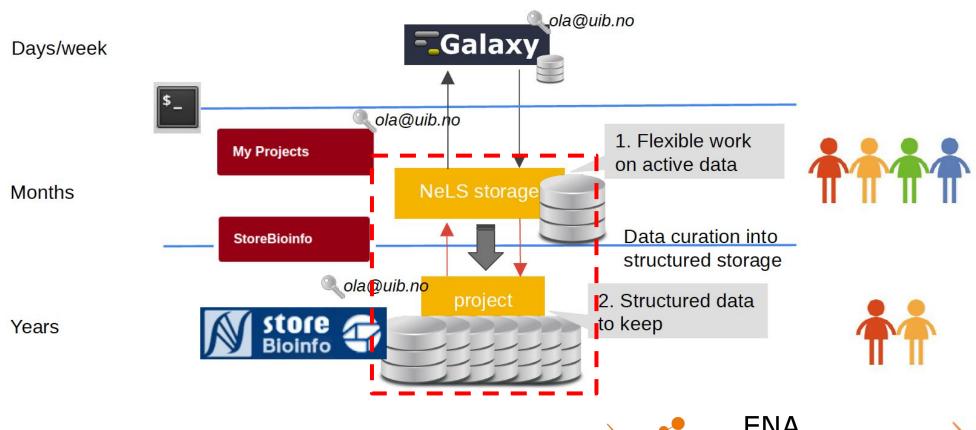
Research data archive







Data storage in NeLS and StoreBioInfo



Decades



Research data archive



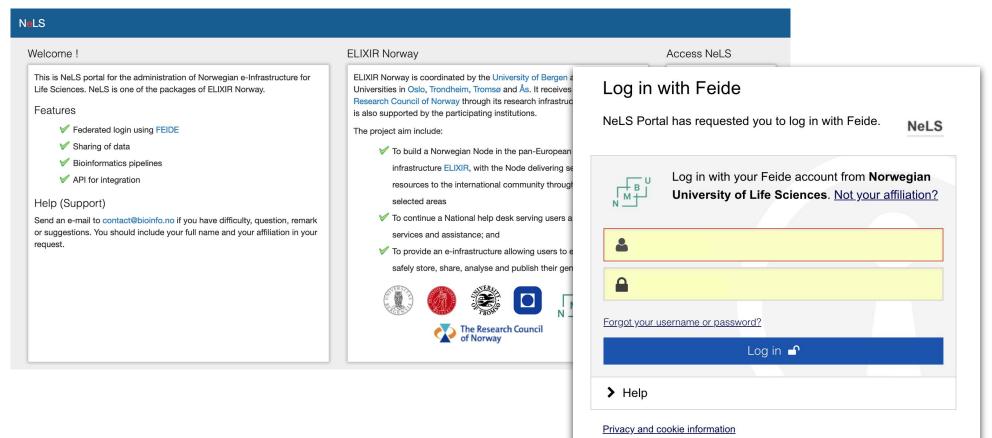






Access to storage and sharing of data in NeLS

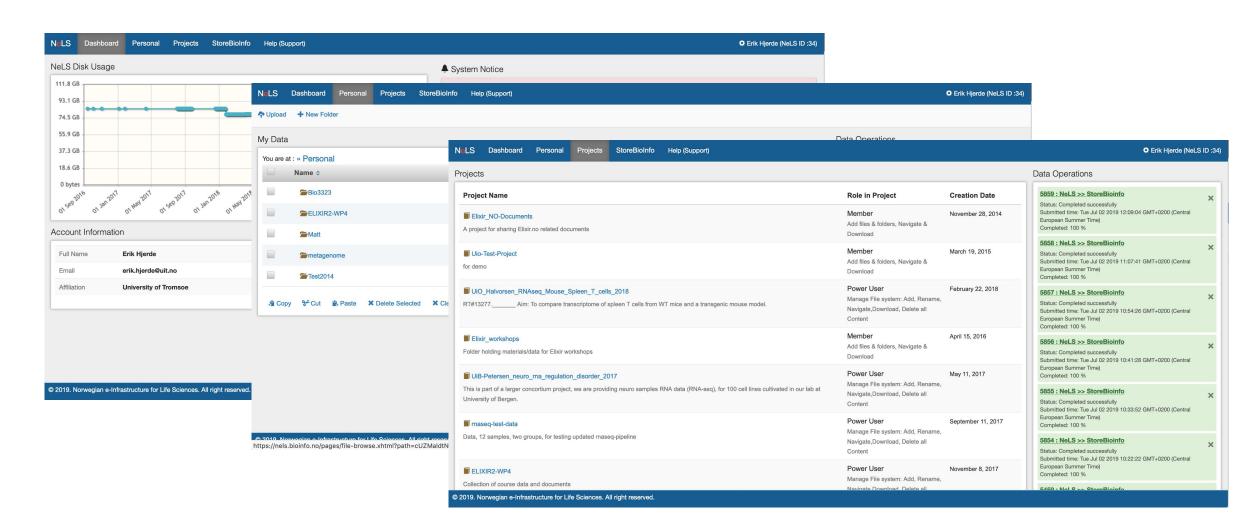
Temporary storage – typically during the data analysis and manuscript preparation Users with permissions can access data in a NeLS project (FEIDE or NeLS ID)





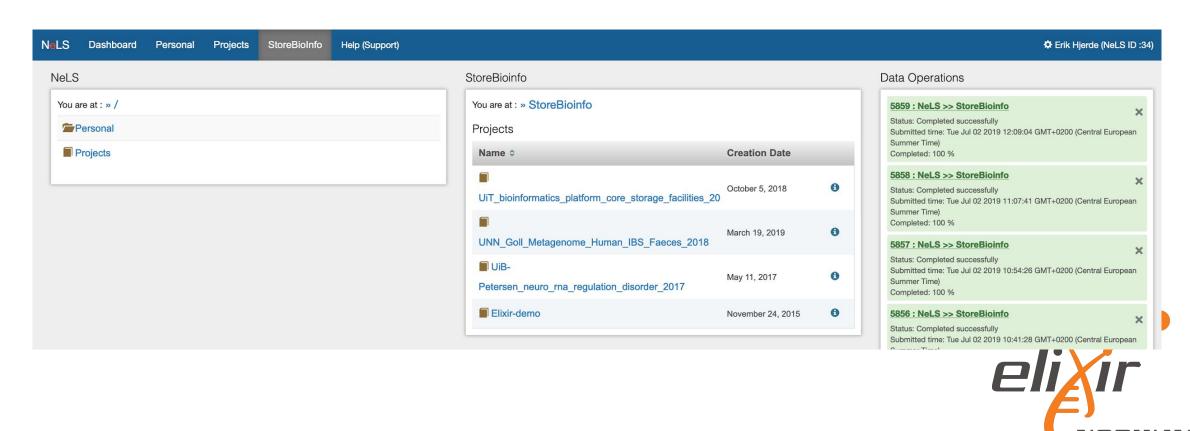
Access to storage and sharing of data in NeLS

Access to personal storage and projects

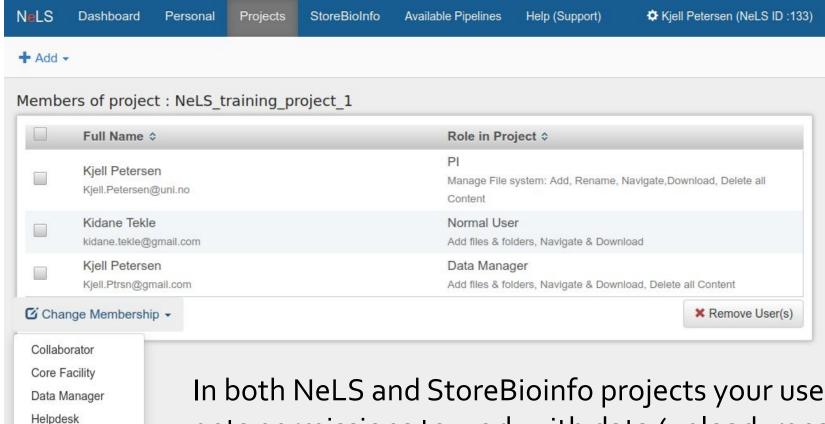


Data storage in StoreBioInfo

Long term storage — typically for large projects where data is used in several publications Storage quotas has to be applied for — typically > 1TB data



Collaboration through roles in a team



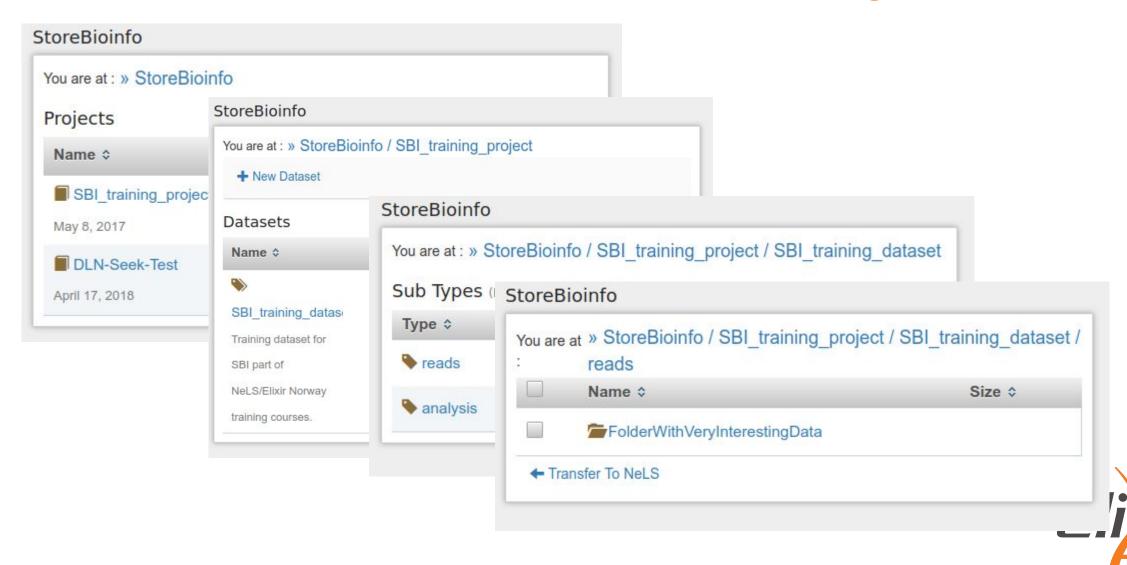
In both NeLS and StoreBioinfo projects your user profile gets permissions to work with data (upload, rename, move, delete, update) based on a **role** in a project.

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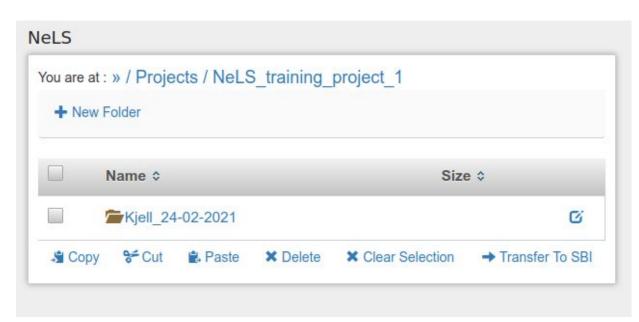
Normal User

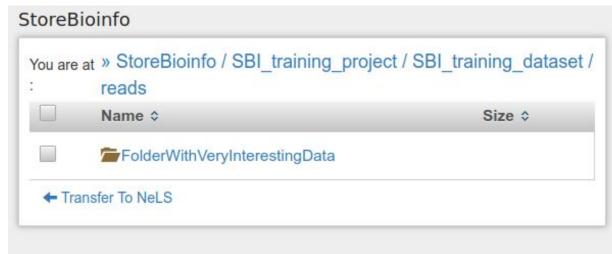
Power User

Top level structure in StoreBioinfo



Organize data in NeLS before transfer to SBI





Prepare first in NeLS and do bulk transfer operations. Transferring single files is not efficient.

