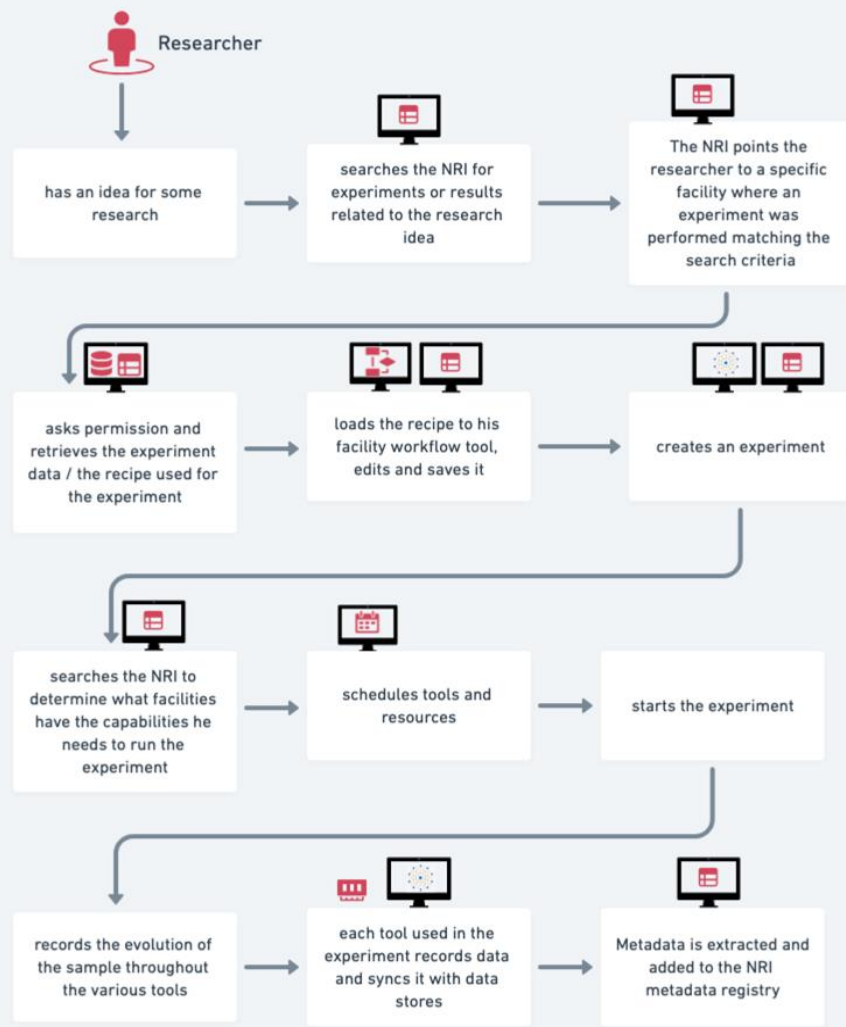


Emerging Technologies in Scientific Data Sharing Pipelines



12.10.24
2024 NSF Nanoscale Science and
Engineering Grantees Conference

FREDERIC DE VAULX
PROMETHEUS COMPUTING, LLC



Create an Ecosystem so Data can be

Findable

Accessible

Interoperable

Reusable

Traceable

Creditable

Trustable

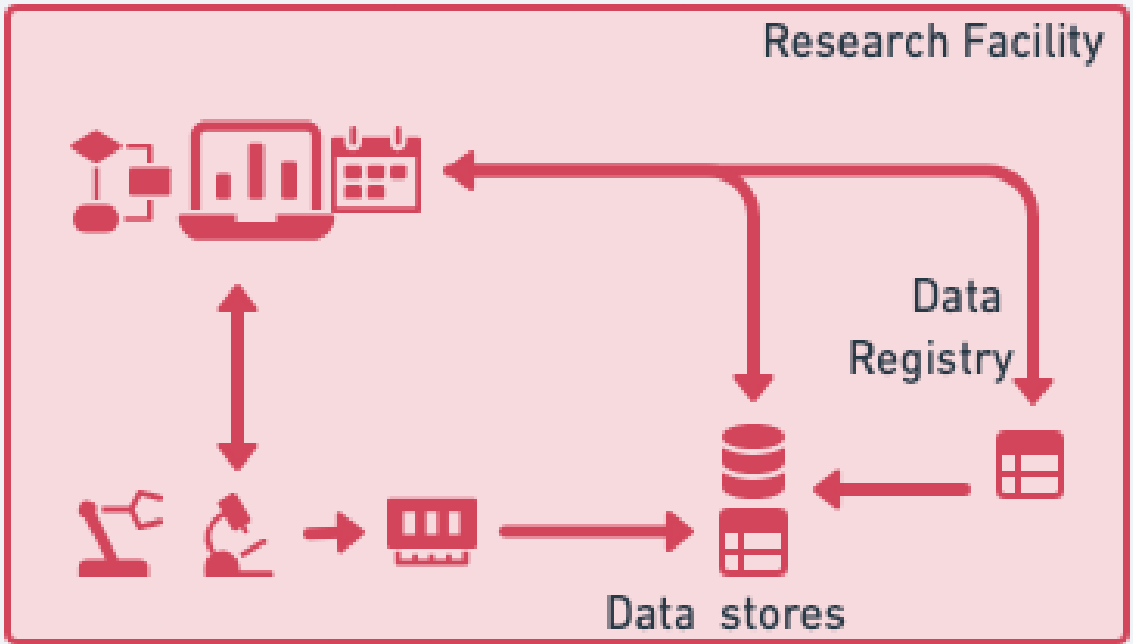


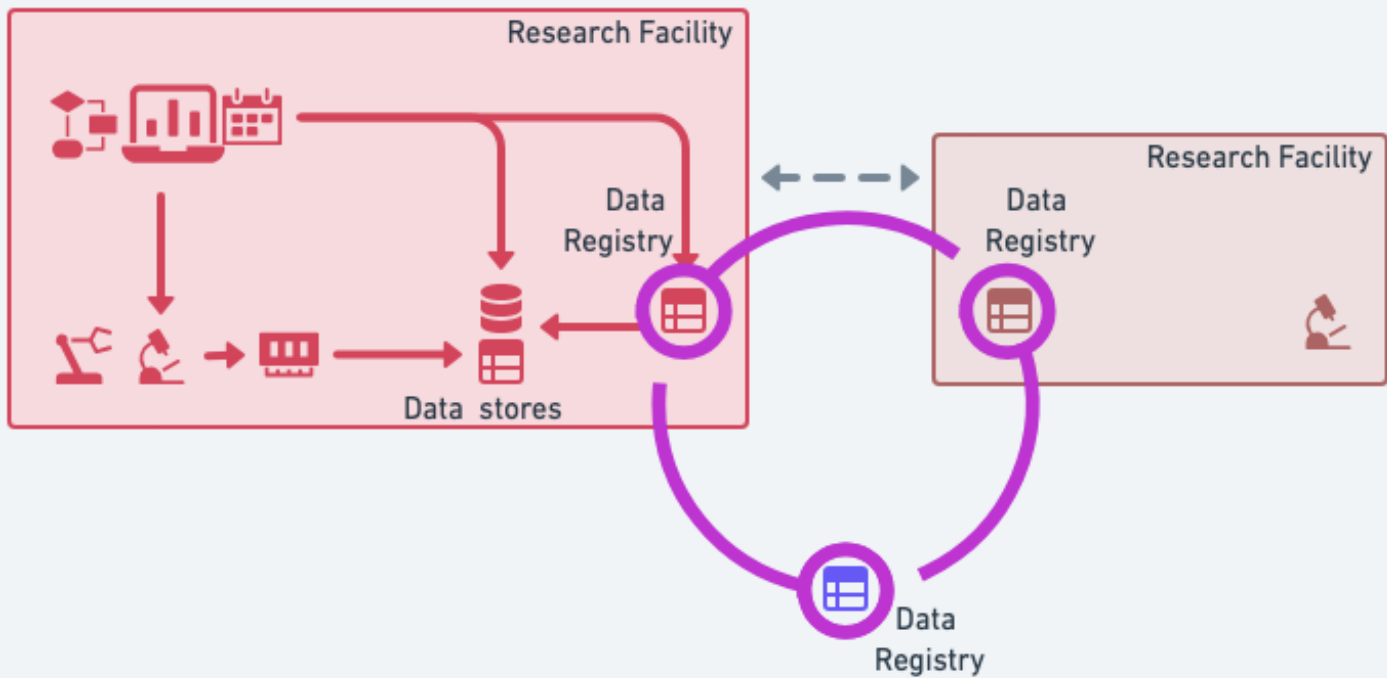
Icon 1: A robotic arm and a microscope. Icon 2: A security camera. Icon 3: A line graph with a red peak. Icon 4: A thermometer.

Icon 1: A gear. Icon 2: A document with lines. Icon 3: A QR code.

Icon 1: Two human silhouettes. Icon 2: A fingerprint. Icon 3: A key.

Icon 1: A document with lines. Icon 2: A thermometer.





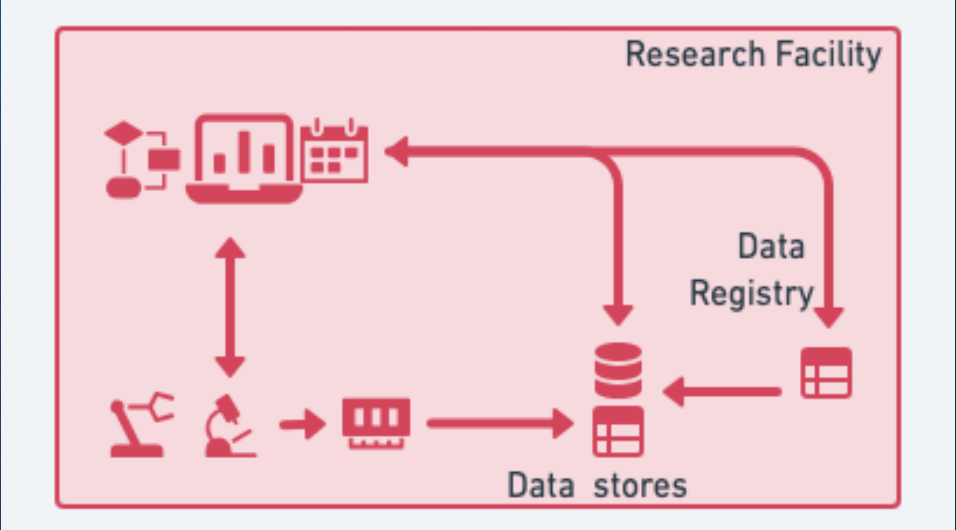
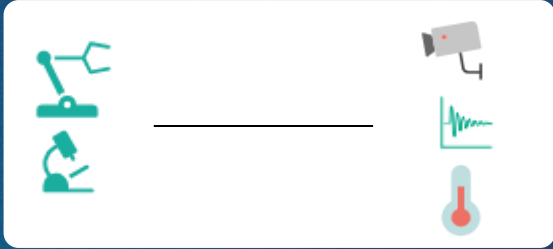
IOT

SIG

AI

DLT

VC



Campus Network

Lab

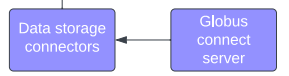
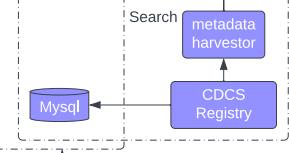
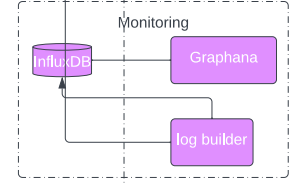
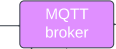
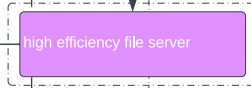
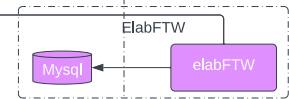
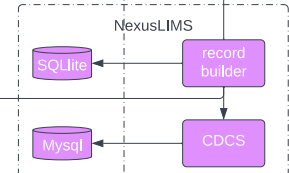
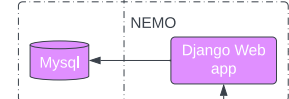
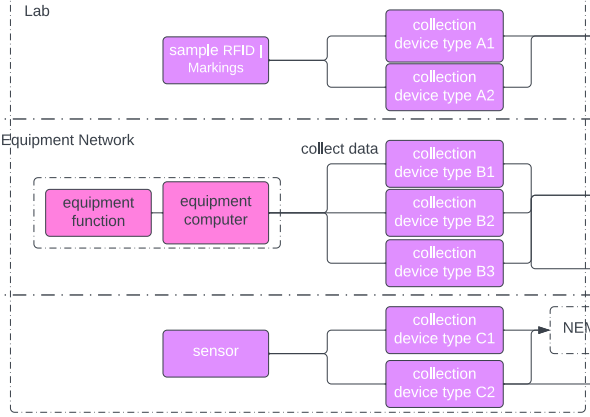
Equipment Network

data stores

NEMO

NexusLIMS

ElabFTW



THANK YOU