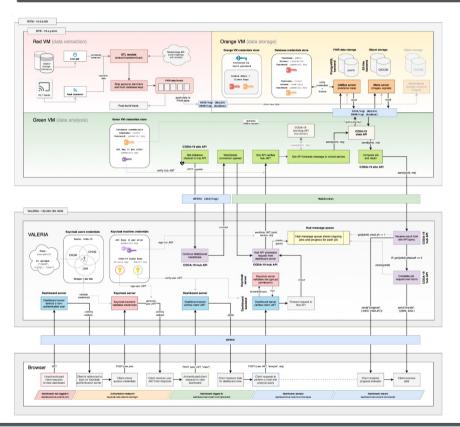
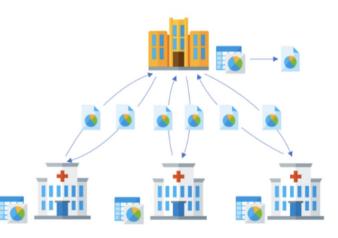


CODA federated learning platform



Federated



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Chart 2





























CODA characteristics

- Federated learning platform with central server
- Red virtual machine
 - data extracted from the hospital source systems
 - json format
 - labels mapped to medical ontologies
- Orange virtual machine
 - FHIR data repository
 - Orthanc (DICOM file server)
 - MinIO (other data type)
- Green virtual machine (Machine learning server)
 - TensorFlow
 - Redis.io

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PIRCHE





















CODA partners









HÔPITAL DU SACRÉ-CŒUR DE MONTRÉAL





Centre intégré de santé et de services sociaux de Chaudière-Appalaches



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Centre intégré universitaire de santé et de services sociaux de l'Estrie – Centre hospitalier universitaire de Sherbrooke

Québec 🖁 🕏

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CODA data availability

	Demographi c	Encounte r	Laborator y	Diagnosi s	Imaging Data	Medicatio n	Procedur e
СНИМ	√	√	(√)	√	√	✓	✓
CHUdeQc-UL	✓	✓	(√)	√	(√)		
JGH	√	√	(√)	√	√	✓	✓
MUHC	✓	√	(√)	√	√	✓	✓
CHUS	√	√	(√)	√			
CISSS-CA	✓	√	(√)	√			
CISSS-NIM	√	√	(√)	√			
CHUSJ	(√)	(√)	(√)	(√)			

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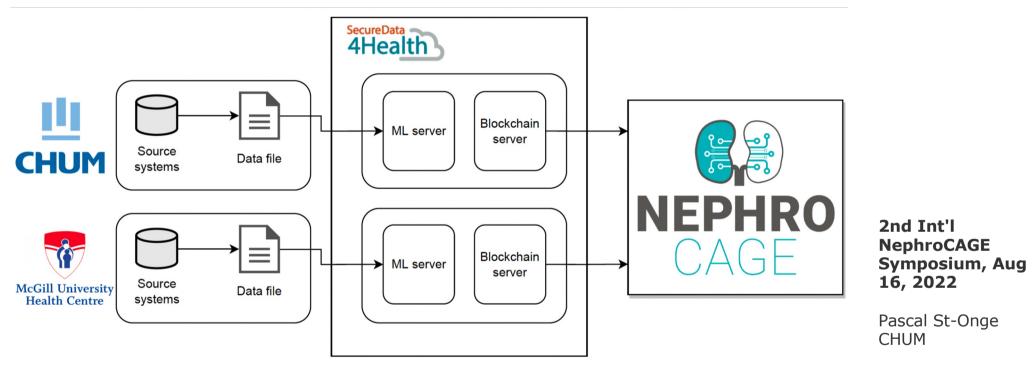








Current state of MTL NephroCAGE implementation



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Genome BritishColumbia

Ultimate goal (MTL setup)

