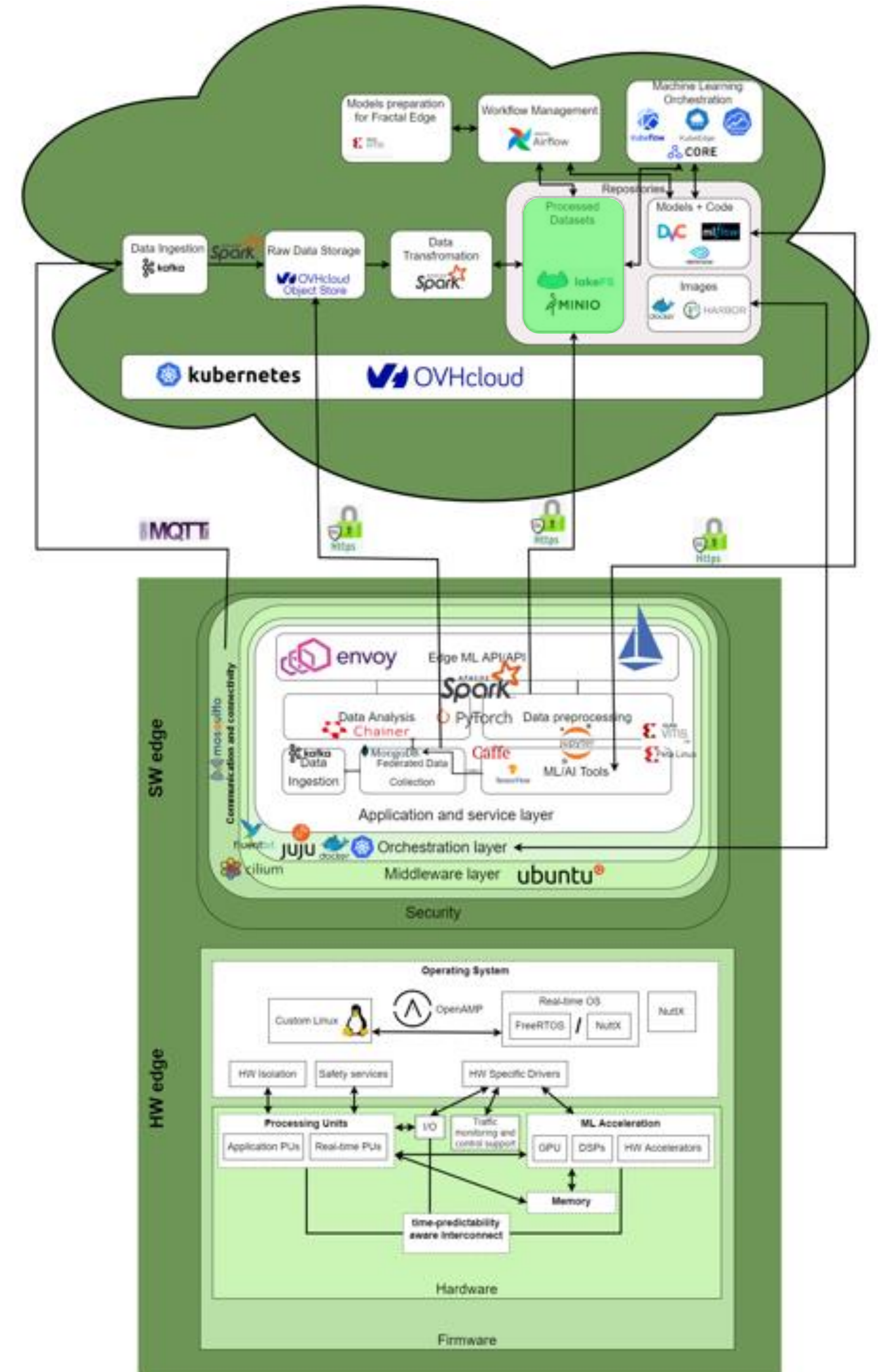




Component description

Component location

- Objective of the component: Store & manage datasets that can be used...
- Fractal Features associated:
 - ADAPTABILITY --> DATA ORCHESTRATION --> DATASET --> VERSION CONTROL
 - ADAPTABILITY --> DATA ORCHESTRATION --> DATASET --> STORAGE
 - FRACTALITY --> ORCHESTRATION --> DATA
- Integration: workflow management, machine learning orchestrator, other edge components (data preprocessing)...
- 2 Components are used for the dataset repository service:
 - MinIO (necessary to run LakeFS on top of this service)
 - LakeFS (the actual component that provides the functionality)



Images/Diagrams to describe the component and its processes



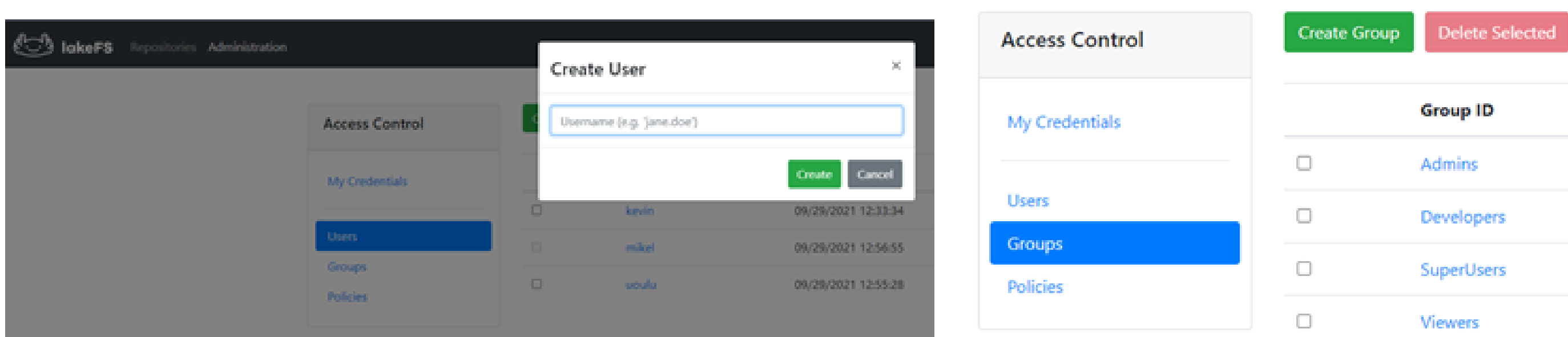
Get started

URL: <http://fractal.ik-europe.eu/>

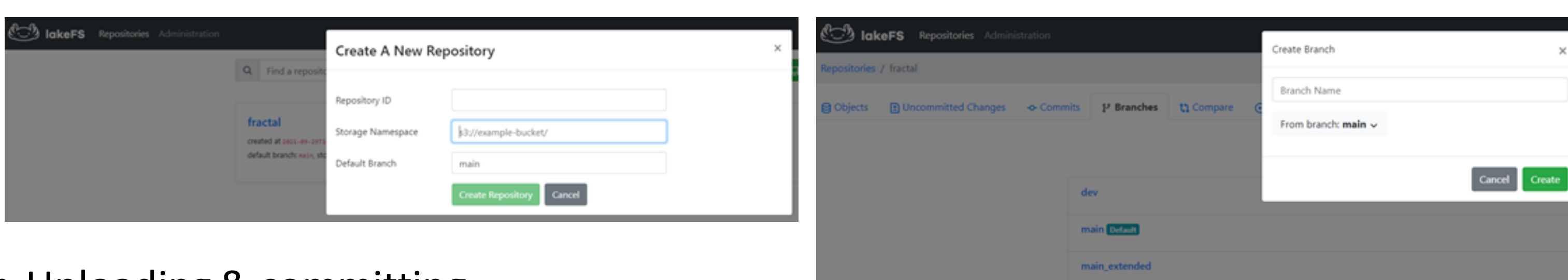
Ways to interact with this component:

Using the UI

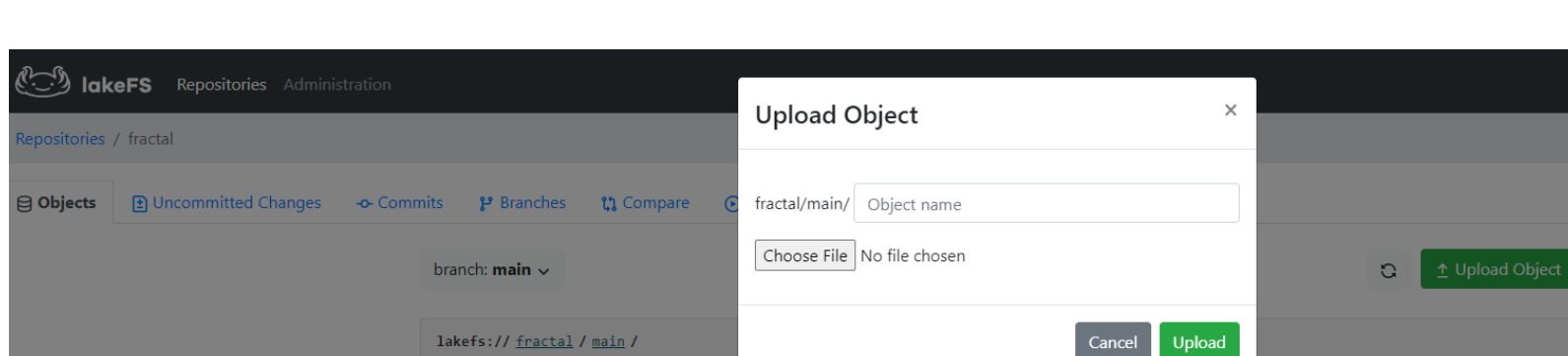
- Creating users & permissions



- Creating a repository & branches



- Uploading & committing



Using other interactions

- Python (Cloud / Edge) <https://docs.lakefs.io/integrations/python.html>
- Airflow (Cloud) <https://docs.lakefs.io/integrations/airflow.html>
- Kubeflow (Cloud) <https://docs.lakefs.io/integrations/kubeflow.html>
- Others (Cloud / Edge) <https://docs.lakefs.io/integrations/>



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