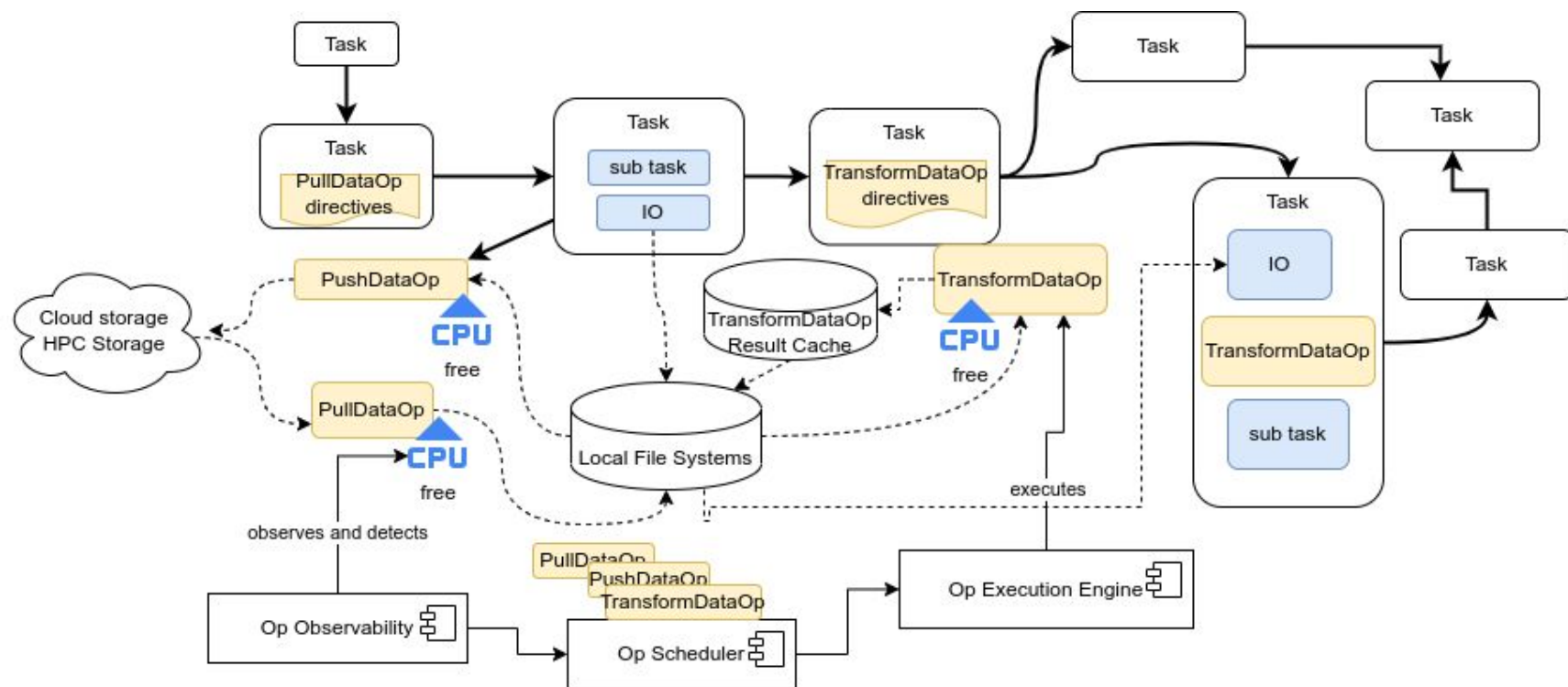# Observability, Scheduling, and Execution

Initial Plan

The big picture of the architecture:

Three sub areas

- Observability and Engine
  - Integrate and test GPU/CPU monitoring (this month)
  - Execution engine: basic schedule, load and execution functions saved under pickle
    - How to launch it: further investigation but can be done with it the application based on a specific directive (thus customized)
  - People: Tri/Dung
- Saving/Registry
  - A simple python code scanner to scan predefined directives to extract and save functions
    - Also build microworkflows of Ops
    - Jarno +
  - Registry Management: manage functions and microworkflows
    -
- Directive Programming
  - Get function examples from Maarit team (this month)
  - Define basic directives: execution directives and op function directives
  - People: Jarno