PLAS
Platformed Workflows

lightning talk

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Project supported by GÉANT Innovation Programme (July – December 2021)
GÉANT Cloud Flow

- GÉANT Cloud Flow (GCF) provides researchers with the ability to run workflows composed of analysis tasks exploiting GÉANT cloud facilities (e.g. based on Kubernetes)
- A task is command line tool run in a Linux Container
- *Containerized-tasks*
GÉANT Cloud Flow PLAS

- With PLAS extension, GÉANT Cloud Flow provides researchers with platform-as-service to run tasks
- A task can use a sidecar platform like Spark or Horovod to make calculus
- Platformed-tasks

https://github.com/PlatformedTasks
• GÉANT Cloud Flow: Architecture and Services

• PLAS extension: Architecture, Services and Demo