Running a multi-tenant Kubernetes with GitOps

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Starting in October 2020, the PATh project is making a concerted effort to transition the centrally-run OSG services (such as websites, software repositories, information services) from ad-hoc deployment models to Kubernetes.

To do so, we needed a Kubernetes "home" and an operational model! In this talk, we'll overview the work going on in the Tiger cluster at Morgridge, our current GitOps-based workflow with Flux, and how we see things fitting into the larger ecosystem of distributed services and federated Kubernetes.

Author: BOCKELMAN, Brian Paul (University of Wisconsin Madison (US))

Presenter: BOCKELMAN, Brian Paul (University of Wisconsin Madison (US))

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