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Easy Deployment of Dask and Jupyter Notebooks on Managed Kubernetes?

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Data analytics platforms have become increasingly important in modern research, enabling scientists to analyze large datasets and extract valuable insights. Reproducible and open science is a crucial aspect of nowadays scientific research, ensuring that results are transparent, verifiable, and can be reproduced by other researchers. Workflow tools, Virtual Research Environments (VREs), and computational notebooks are among the many tools that may help with this goal. However, deploying these tools can be complex, time-consuming, and also not successful in the end.

We provide a managed Kubernetes platform that can be used for reliable and easy deployment. In this poster, we present several use cases including Jupyter notebooks, Binder deployment with Kaniko builder, Dask compute clusters, and S3 backend storage as success story of services built on the managed Kubernetes platform.

Other key topic

Key Topic

Data analytics platforms and reproducible open science

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