October 19 - 25, 2024

CHEP 2024

Contribution ID: **211** Contribution code: **TUE 33**   Type: **Poster**

Prometheus-Powered Insight: Monitoring Koji's performance

Tuesday 22 October 2024 16:00 (15 minutes)

Efficient, ideally fully automated, software package building is essential in the computing supply chain of the CERN experiments. With Koji, a very popular package software building system used in the upstream Enterprise Linux communities, CERN IT provides a service to build software and images for the Linux OSes we support. Due to the criticality of the service and the limitations in Koji's built-in monitoring, the CERN Linux team implemented new functionality to allow integration with Prometheus, an open-source monitoring system and time-series database. This contribution will give an overview of Koji and its integration with Prometheus and Grafana, explain the challenges we tackled during the development of the integration, and how we're benefiting from these new metrics to improve the quality of the service.

Primary author: VILA FERNANDES, Marta (CERN)

Presenter: VILA FERNANDES, Marta (CERN)

Session Classification: Poster session

Track Classification: Track 7 - Computing Infrastructure