Contribution ID: **1**   Type: **30min talk**

NXCALS - big data logging system - deployment & monitoring

Tuesday 24 October 2017 15:35 (30 minutes)

In this talk I will present tools and flow that we use to make the deployment & monitoring of the system manageable.
Including:

- Git & Gitlab as VCS
- Gradle for artifacts building
- Ansible for deployment and automatic generation of environment specific documentation
- Jenkins with its DSL pipelines to govern the process of automatic softwaredelivery to various environments.

Apart from main deployment flow, following tools will be discussed:

- Monitoring the system using Prometheus, Alertmanager and Grafana.
- Log unification and browsing facilities with the ElasticSearch stack provided by IT.

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