

Embedding Quattor into the Fabric Management Infrastructure at DESY

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DESY is one of the worlds leading centers for research with particle accelerators and synchrotron light. The computer center manages a data volume of the order of 1 PB and houses around 1000 CPUs. During DESY's engagement as Tier-2 center for LHC experiments these numbers will at least double. In view of these increasing activities an improved fabric management infrastructure is being established.

In this context Quattor is used for the automatic installation and the configuration management. The DESY grid infrastructure has been used for a pilot project while current efforts integrate dCache systems, workgroup servers, and desktops. A variety of developments have arisen in this process: A standard for the configuration template management, which will allow a larger number of administrators to productively work on the fabric configuration, a management tool for configuration templates, which aids in keeping track of the various sources of templates, and an integration tool for collecting information from existing management systems at DESY.

We will present these achievements together with our Quattor deployment experiences which motivated them.

Primary author: Dr DE RIESE, Mathias (DESY)

Co-author: THE DESY QUATTOR TEAM, . (DESY)

Presenter: Dr DE RIESE, Mathias (DESY)

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