

Define the requirements for the demployment of a CMDB system at IN2P3-CC

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Abstract

In the framework of the CMDB group at IN2P3-CC, we are inspecting the requirements for the implementation and the installation of installation of a Configuration Management database, a CMDB. We treat the CMDB as a conceptual IT model which reflects the infrastructure and service structural configuration. This model will support the already established processes at CC: e.g. capacity management and impact analysis and could be the foundation for the employment of a Change Management System in the framework of ITIL best practice library. Our goal is to create a single point of exchange of the existing information systems and databases, which are reflecting the infrastructure and service configuration structure. The use of an open source software family with an official commercial support is an attractive approach for this goal. The open source feature permits the modification and/or the further development of the software which is a necessity in a complex data center environment (e.g. interoperability with existing systems). In addition, the supply of an official support establishes a environment of quality and sharing of the related expertise.