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DIRAC at JINR - purpose, experience, future

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The Joint Institute for Nuclear Research is an international intergovernmental organization. It is a large multidisciplinary scientific center incorporating fundamental research in many different areas. This implies extensive need in computing and storage resources. DIRAC is a general purpose system to provide common access to a number of heterogeneous resources. DIRAC have been installed and configured in JINR for several purposes. First, it is a possible solution for NICA computing. Monte-Carlo generation for MPD detector has been successfully performed on the JINR installation. Second, it was used to provide unified access to several clouds in the JINR Member States. Third, it is used by students to learn grid-technologies and distributed computing.

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