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JADE Long Term Archive

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IceCube is a cubic kilometer neutrino detector located at the south pole. Every year, 29 TB of data are transmitted via satellite, and 365 TB of data are shipped on archival media, to the data warehouse in Madison, WI, USA. The JADE Long Term Archive (JADE-LTA) software indexes and bundles IceCube files and transfers the archive bundles for long term storage and preservation into tape silos at collaborating institutions DESY and NERSC. The software and its features are discussed, including integration with Globus Online, and later migration to FTS, to manage data transfers.

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