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Small-file aggregation for dCache tape interface

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Since 2015 a so-called Small File Service has been deployed at DESY, to pack small files into containers before writing to tape. As existing detectors have been updated to run under higher trigger rates and new beamlines become operational, the number of arriving files has increased drastically, bringing the pack service to its limits. To cope with increased file arrival rate, the Small File Service is redesigned for better resource utilization and scalability.

Speaker release

Yes

Desired slot length

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