



WLCG Tape REST API

Current status

Cedric Caffy

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Next steps (extracted from last slides)

- **Finish the discussions about the API specs**
 - FILEINFO/ARCHIVEINFO
 - Discovery mechanism
- **Creation of the REST API reference document**
 - To be validated by all the actors
 - Will be sent to the WLCG community
- **Implementation, tests, deployment...**

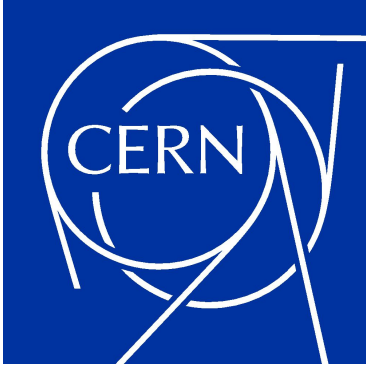
Next steps (extracted from last slides)

- **Finish the discussions about the API specs** ✓
 - FILEINFO/ARCHIVEINFO ✓
 - Discovery mechanism ✓
- **Creation of the REST API reference document** ✗
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Summary of all the functionalities

Functionality	VERB + URL	Request content (simplified)
Recall a set of files from tape		
Submit files for staging	POST /api/v1/stage	List of files
Track staging files	GET /api/v1/stage/{stage_request_id}	Nothing
Cancel files from staging	POST /api/v1/stage/{stage_request_id}/cancel	List of files (must belong to the initial stage request)
Delete the stage request from the persistency of the REST API	DELETE /api/v1/stage/{stage_request_id}	Nothing
Release a set of files from the disk cache		
Evict (EOSCTA) / Unpin (dCache, StoRM) files from the disk cache	POST /api/v1/release/{stage_request_id}	List of files
Files tape archival tracking		
Check tape residency of some files	POST /api/v1/archiveinfo	List of files
REST API discovery mechanism		
.well-known endpoint content	GET https://endpoint.ch/.well-known/wlcm-tape-rest-api	

Thank you for your attention



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