

Building Client-Server APIs using the XRootD Scalable Service Interface

Tuesday, 6 February 2018 14:15 (30 minutes)

This talk will give an overview of the XRootD Scalable Service Interface (SSI), which provides an asynchronous request-response framework with an emphasis on efficient data transfers. This will include a case study explaining how we used SSI and Google Protocol Buffers to develop the API between EOS and the CERN Tape Archive (CTA). The SSI-Protobuf bindings are available as a generic framework which can be used by other projects which need an efficient client-server protocol stack.

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Session Classification: Using EOS