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Making Reva talk to EOS: ultimate scalability and performance for CERNBox

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The Reva component, at the heart of the CERNBox project at CERN will soon get new plugins that build on the experience accumulated with the current production deployment, where its data is stored centrally in EOS at CERN.

Making Reva natively interfaced to EOS through high performance gRPC and standard HTTPS interfaces will open a new scenario in terms of scalability and manageability of the CERNBox service, whose requirements in terms of data will continue to grow in the next decade. In this contribution we will technically introduce this near-future scenario.

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