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Improvement of AMGA Python Client Library for the Belle II Experiment

This paper describes the recent improvement of AMGA python client library for the Belle II Experiment. We were drawn to the action items about library improvement after in-depth discussions with the developer of the Belle II distributed computing group. It includes GSI support, client-side metadata federation support and atomic operation support. Some of the improvements were already applied to AMGA python client library bundled with the Belle II distributed computing software. The recent mass Monte-Carlo production campaign shows AMGA python client library operates in a reliable stability.

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