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Phoebus Save and Restore Service

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The Save and Restore (SAR) service allows users to capture snapshots of a control system's state at a specific point in time, using configurations of a set of PVs. These snapshots can be restored later to revert the system to its state at the moment the snapshot was taken. Phoebus provides tools for creating and managing these configurations, as well as for retrieving, comparing, and restoring snapshots. This talk will cover the latest release of the SAR service and its clients, highlighting new features such as authentication and authorization, an expanded set of REST endpoints for seamless integration into UIs and scripts, and enhanced connectivity with external data sources like the archiver.

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