

ICALEPCS 2025 - The 20th International Conference on Accelerator and Large Experimental Physics Control Systems



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Sisyphean Tasks: Software Development for the ACR

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An analysis of three new software tools developed for the accelerator control room at SLAC: a new archive viewer, a replacement for the logbooks, and an updated snapshot and restore tool. We discuss the technologies and methods utilized in their development, and key lessons learned throughout their development.

Additionally, we examine how these experiences are influencing our software development practices at SLAC, including efforts to build more collaborative teams aligned with industry standards and our efforts to integrate UI/UX best practices into our development processes.

Footnotes

Funding Agency

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