

Webapps in The Control Room

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We at SLAC, jointly with Radasoft, present our efforts to modernize SLAC's current software suite with a demo of a Webapp version of Profile Monitor GUI. Web browsers are ubiquitous, highly optimized, and set the standard for efficient graphical user interfaces. This demo will demonstrate the power and flexibility of Webapps in an accelerator facility, and imagine what the future of accelerator GUIs could look like. From the Radasoft side, we present an overview of the proposed software stack, and its advantages for accelerator facilities. From the SLAC side, we present the many software needs of our organization, and the ways in which cutting edge software could support innovation in accelerator diagnostics.

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