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EPICS for Hard Real-Time?

Thursday, 21 May 2015 11:15 (15 minutes)

The existing EPICS Database covers soft real-time applications in the range up to ~1kHz. What would it need to go beyond that? Which existing concepts would hold? Which would have to be replaced?
This talk shows common features of existing real-time frameworks in the fusion community, and presents ideas for a deterministic processing engine in EPICS.

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