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Subject: EPICS & LabVIEW

Posted by [Brand](#) on Mon, 05 Apr 2004 16:10:17 GMT

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Hello!

following eMail was posted to the Tech-Talk list of EPICS:

GSI will build FAIR, an International Facility for Antiproton and Ion Research, [http://www.gsi.de/zukunftsprojekt/index\\_e.html](http://www.gsi.de/zukunftsprojekt/index_e.html), and therefore we are evaluating possible SCADA solutions for accelerator and experiment control.

The two most important options are EPICS and PVSS/JCOP (CERNs favorite solution).

HADES, <http://www-hades.gsi.de/> becomes part of CBM

[http://www.gsi.de/zukunftsprojekt/experimente/CBM/index\\_e.html](http://www.gsi.de/zukunftsprojekt/experimente/CBM/index_e.html) and a lot of members of the PANDA collaboration are coming from BaBar

[http://www.gsi.de/zukunftsprojekt/experimente/hesr-panda/index\\_e.html](http://www.gsi.de/zukunftsprojekt/experimente/hesr-panda/index_e.html). Since both communities are using EPICS today, there is a good chance for using EPICS in the future.

Since our group, [http://www.gsi.de/informationen/wti/dvee/exp\\_kontrol/exp\\_kontrol\\_systeme\\_e.html](http://www.gsi.de/informationen/wti/dvee/exp_kontrol/exp_kontrol_systeme_e.html), developed an control system framework based on LabVIEW,

<http://labview.gsi.de/CS/cs.htm>, we would like to save our investments in that development.

Last year we had some discussions with Jochen Klier, NI Germany, about the extension of the Data Logging and Supervisory Control Module (DSC) to large systems. I suggested to him to check the features of EPICS and PVSS for ideas on improving the DSC module.

On VIP 2004 in Germany I talked to Michael Santori, Buisness & Technologie Fellow of NI, about the plans of a native CA integration into LabVIEW. Probably I will have a discussion with the LabVIEW core developer team in Austin at the NI Week 2004. I also talked to Mathias Clausen, whether this activity is a part of the EPICS 2010 activities, but he did not know any details.

I would like to offer my participation within the task of integrating a native CA interface into LabVIEW.

Regards Holger

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