Logos of Crafts
(Mostly) On technology

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Remote Instrumentation at eScience'08   December 11, 2008

Posted by CK in IT, Research.
Tags: DORII, eScience'08, OGF, Remote instrumentation, RISGE
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Today I had the pleasure to talk at IEEE eScience'08 about a Remote Instrumentation topic [1][2][3] — more specifically about reservation of instruments for remote use. I was very pleased to see how interested people are on the topic, which has been around for some time but clearly we have only scratched the surface. Remote access to instruments for data acquisition and/or control could have enormous impact on society, if done correctly. Just imagine how people in poorer countries would have the possibilities to do experimental science using facilities that they neither have in their countries nor can they even travel to use. Or the impact on business, in a system where companies could rent their equipment to others in such a scheme, much like today's cloud computing. And don't forget education! Students from one university could experiment remotely on equipment in other universities, possibly at the other end of the world. The possibilities are endless and include more or less all fields of societal activity.

There are many people working on the topic, such as ex-colleagues from the DORII project. Today I also found out about some very interesting work at the Ohio Supercomputer Center with its RICE project. Last but not least, there's work taking place in the context of the RISGE Research Group of the OGF, so if you are interested in the topic, subscribe to the RISGE list and join at the next OGF event!

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- May 2008 (5)
- April 2008 (4)