

SRM2.2 deployment workshop - introduction

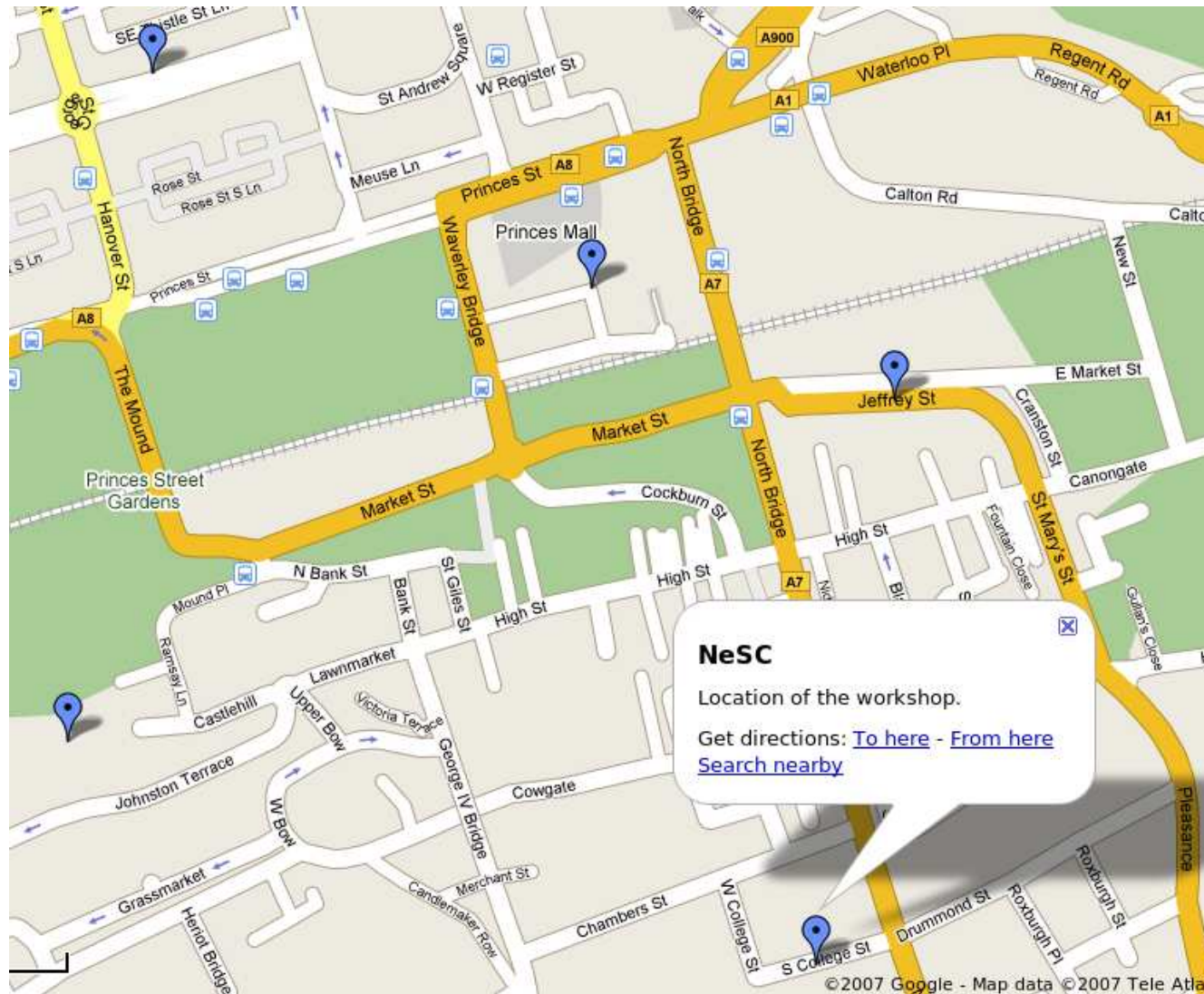
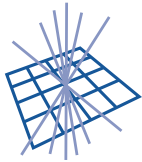
Greig A. Cowan

University of Edinburgh



Welcome to Edinburgh





<http://gridpp-storage.blogspot.com/search?q=workshop>

Why do we need a workshop?

1. SRM2.2 is completely **new interface** on the Grid.
 - (a) There is no widespread experience in the community.
 - (b) Workshop allows us to collect material together and disseminate.

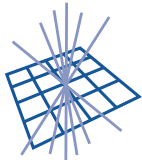
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 - (a) Basic SRM2.2 concepts and language.
 - (b) Detailed technical descriptions of how these concepts are implemented in the software they are running.
 - (c) The storage configuration required to meet the needs of the LHC experiments.

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3. We are expecting (hopefully!) the first physics data next year.
 - **Grid storage must be ready and reliable.**

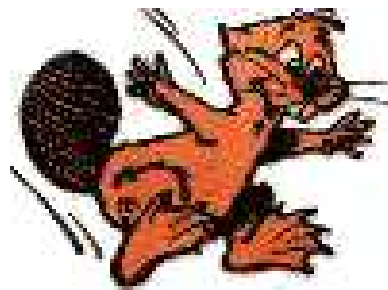


GridPP
UK Computing for Particle Physics

Who's in the game?

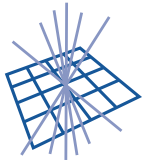


dCache



CASTOR

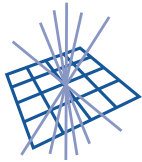




Agenda (Tuesday afternoon)

13:00	[26] WLCG and SRM: some background by Dr. Flavia DONNO (CERN) (Newhaven: 13:10 - 13:25)
	[7] Spaces, tokens and descriptions: the language of SRM2.2 by Maarten LITMAATH (CERN) (Newhaven: 13:25 - 13:45)
	[14] SRM2.2 in DPM by Jean-Philippe BAUD (CERN) (Newhaven: 13:45 - 14:00)
14:00	[15] SRM2.2 in dCache by Timur PERELMUTOV (FERMI NATIONAL ACCELERATOR LABORATORY) (Newhaven: 14:00 - 14:15)
	[24] SRM2.2 in CASTOR by Shaun DE WITT (Newhaven: 14:15 - 14:30)
	[28] SRM2.2 in StoRM by Dr. Riccardo ZAPPI (CNAF-INFN) (Newhaven: 14:30 - 14:40)
	[8] SRM2.2 and GLUE1.3 by Dr. Stephen BURKE (RUTHERFORD APPLETON LABORATORY) (Newhaven: 14:40 - 14:55)
15:00	break (Chapterhouse: 15:00 - 15:25)
	[16] ATLAS by Dr. Graeme A STEWART (University of Glasgow) (Newhaven: 15:25 - 15:45)
	[17] CMS by Dr. Giacinto DONVITO (INFN-Bar) (Newhaven: 15:45 - 16:05)
16:00	[18] LHCb by Andrew Cameron SMITH (University of Edinburgh) (Newhaven: 16:05 - 16:25)
19:00	
20:00	Workshop dinner (George Hotel: 19:30 - 21:30)
21:00	

<http://indico.cern.ch/conferenceDisplay.py?confId=21405>



Agenda (Wednesday)

Wednesday, 14 November 2007

09:00	DPM SRM2.2 configuration (1) Conveners: Jean-Philippe Baud (CERN); Dr. Flavia Donno (CERN) (Cramond: 09:00 - 10:30)	dCache SRM2.2 configuration (1) Conveners: Dr. Patrick Fuhrmann (DESY); Maarten Litmaath (CERN) (Newhaven: 09:00 - 10:30)
10:00	coffee break (Chapterhouse: 10:30 - 10:55)	
11:00	DPM SRM2.2 configuration (2) Conveners: Jean-Philippe Baud (CERN); Dr. Flavia Donno (CERN) (Cramond: 11:00 - 13:00)	dCache SRM2.2 configuration (2) Conveners: Dr. Patrick Fuhrmann (DESY); Maarten Litmaath (CERN) (Newhaven: 11:00 - 13:00)
12:00		
13:00	Lunch (Chapterhouse: 13:00 - 14:00)	
14:00	SRM2.2 availability monitoring Conveners: Dr. Greig Cowan (University of Edinburgh) (Newhaven: 14:00 - 14:40)	
	Storage support: discussion Conveners: Dr. Flavia Donno (CERN) (Newhaven: 14:40 - 15:25)	
15:00	SRM Client tools Conveners: Dr. Greig Cowan (University of Edinburgh) (Newhaven: 15:25 - 16:05)	
16:00	Workshop close Conveners: Dr. Greig Cowan (University of Edinburgh) (Newhaven: 16:05 - 16:15)	
	break (Cramond, Newhaven: 16:15 - 16:45)	

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- Wednesday morning at 9am.
- DPM downstairs in the **Cramond** room. dCache in here (**Newhaven**).
- Presentations about the technical details of each system + **“hands-on”**.
- Use **laptop** to ssh into pre-installed dCache/DPM.
- Work in **pairs** - get to know your fellow dCache/DPM administrators!
- Developer team will lead you through the **configuration** of the SRM2.2 service.
- **Client tools** and user certificate available to test the configuration.
- Hostnames and passwords will be provided tomorrow.



Funding provided by...



- Kate, Jennifer, Lee, Iain, Steve and the entire NeSC team.
 - Any problems, see me or someone from NeSC.
- Flavia and Maarten for helping to organise the agenda and present talks.
- All presenter participating, giving presentations and tutorials.

- We are here to talk and **learn about SRM2.2**.
- Timescale for deployment of SRM2.2 at all sites is end of **January 2008**.
- Developers, site representatives and WLCG storage “experts” are all here.
 - Use this opportunity to **find out all you can** about Grid storage.
- Check blog for any updates.
- Finally... enjoy yourself!