

Admin Interface

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Administration Interface

ACL's on administration commands to support (starting with 1.8, but not very

Lionel : operator vers. administrator vers. automated systems

Gerd : different administrators in different locations (countries)

Commands available through JPython

Support was added with 1.7.0-21

Just add cells.jar and dcache.jar to you Jpython CLASSPATH

Allows login by password or SSH key to supported automated scripts

We (Elena) will provide example PY scripts

Improved GUI

- * Becomes modular which means
 - same framework can work with different dCache versions, just replace the dcache.jar file.
 - Easy to add new modules, just add them to GUI directory
 - Need to create advise on how to write own module
- * new panels : pool management, Flush Controller Management
- * GUI auto-detects cell type and uses appropriate GUI Panel
- * configurable by filters on cell name and cell type
- * Bookmarks for cells (Your preferred cells , PoolManager, PnfsManager)

Improved GUI

dCache.ORG

dCache.ORG

dCache.ORG

The screenshot shows the 'Cell Login' application window. The main area is titled 'LOCAL' and contains a 'Pool Controller' interface. On the left is a tree view of the file system with 'it-dcache5-1' selected. The 'Pool Controller' has tabs for 'Generic Infos', 'Flush Infos', and 'Commander'. It features a 'Pool Spaces' pie chart and a 'Queue Summary' table.

Pool Spaces

	■ Total	0
	■ Free	1000
	■ Removable	1000
	■ Pinned	0
	■ Precious	0

Queue Summary

Name	Active	Limit	Waiting

Generic Infos

Pool Base : Undefined	
Code Version : Undefined	
Revision : Undefined	
Recovery Mode : Undefined	
Pool Mode : Undefined	
Disable Details : Undefined	
Allow Modifying Files : Undefined	Gap : Undefined
Report File Removal : Undefined	Allow cleaning precious files : Undefined
Suppress HSM load : Undefined	Ping Heartbeat : Undefined

Improved GUI

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Cell Login

Session Windows Specials Help

LOCAL

Commander Restore Transfers Pools PoolCosts FlushManager

Pool Commander

Pool Controller

dcache22_1

Update

Generic Infos Flush Infos Commander

Pool Spaces

Total	375.809.638.400
Free	283.036.040.482
Removable	92.773.597.918
Pinned	0
Precious	0

Queue Summary

Name	Active	Limit	Waiting
Mover	0	100	0
Restore	0	2	0
Store	0	2	0
P2p	0	2	0
P2pClient	0	0	0

Generic Infos

Pool Base : /dcache/0/zeusgrid/pool

Code Version : production-1-7-0(1.130.2.2) (Sub=4)

Revision : [\$Id: MultiProtocolPool2.java,v 1.130.2.2 2006/10/09 10:20:57 patrick Exp \$]

Recovery Mode : CONTROL SPACE ANYWAY

Pool Mode : enabled

Disable Details : Undefined

Allow Modifying Files : denied

Report File Removal : off

Suppress HSM load : off

Replication Manager : Disabled

Pool 2 Pool File Mode : Cached

Gap : 4294967296

Allow cleaning precious files : off

Ping Heartbeat : 30 seconds

Large Filestore Mode : Precious

Update Tree

Improved GUI

dCache.ORG

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dCache.ORG

The screenshot shows the 'Cell Login' application window with the 'LOCAL' environment selected. The 'Pool Commander' tab is active, displaying a tree view on the left and a table on the right. The tree view shows a hierarchy of pool groups, with 'atlas' selected. The table lists the following pools:

Pool	Time	Result
dcache19_2		
dcache20_2		
dcache21_1		
dcache22_4		
dcache28_1		
dcache29_1		
dcache33_1		
dcache33_2		
dcache33_3		
dcache33_4		
dcache33_5		

At the bottom of the window, there is an 'Update Tree' button on the left and a 'To Your Selection' button on the right.

Improved GUI

We hope this to be available within one month