

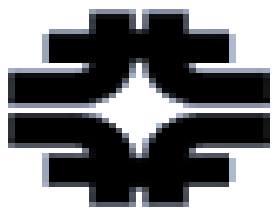


dCache.ORG

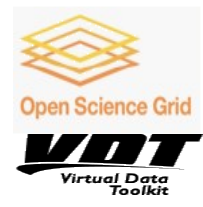
dCache.ORG

# *dCache CCRC'08 baseline infos*

Patrick Fuhrmann  
for the team



additional funding, support or contributions by

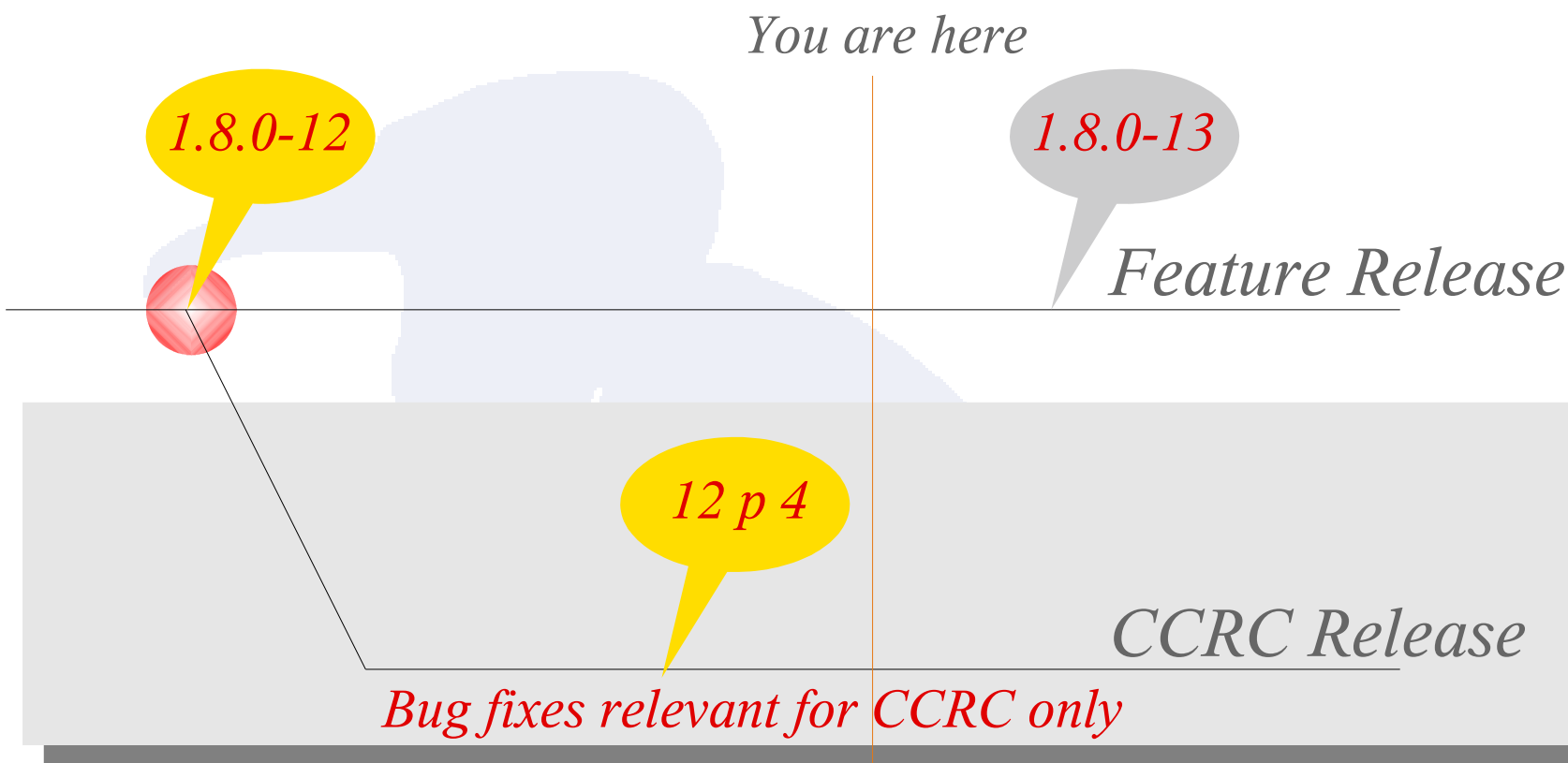




# Release path

dCache.ORG

dCache.ORG





# *Know problems with 1.8.0-12 patch 4*

- *Confirmed problems (will disappear with p5)*
  - *Space Token is not forwarded to the MSS script. (This is supposed to help organizing datasets on tapes.)*
  - *Wrong return code for Srm Copy in push mode (w DPM)*
  - *Srm Copy miscalculates spaces. (All other modes are fine)*
- *Fishy issues (not confirmed yet)*
  - *SRM advisory sometimes doesn't delete files on pools (race condition sneaked back into code)*



# *dCache releases deployed*

*Results from Flavias S2 system (as of Feb 4)*

<i>FZK</i>	<i>1.8.0-12 p4 (private)</i>
<i>PIC</i>	<i>1.8.0-12p4</i>
<i>In2p3</i>	<i>1.8.0-12 p2</i>
<i>NDGF</i>	<i>1.8.0-12 p4 (private)</i>
<i>Sara</i>	<i>1.8.0-12 p4</i>
<i>Triumf</i>	<i>1.8.0-12 p4</i>
<i>Fermilab</i>	<i>USCMS is not using spaces</i>
<i>BNL</i>	<i>1.8.0-12 p4</i>



# *Learned during CCRC'08 planing phase*

- ➔ *Current WLCG SRM 2.2 agreement is not sufficient for proper operation.*
  - *Use of Space Tokens for 'restore' and 'read' should be included.*
  - *Possibly ACL's on 'Space Tokens' are needed as well.*
  - *What else ?*
- ➔ *How do we tackle this*
  - *Formal agreement on such an extension is needed*
    - *to reduce implementation misunderstandings*
    - *to justify further funding*
  - *Weekly phone conferences with experiment representatives and storage system providers until an extended MoU is agreed on.*
- ➔ *Reliability still highest priority*
- ➔ *Modified/extended MoU may conflict with remaining tasks (e.g. change space for files)*



## *Further reading*

*www.dCache.ORG*

## *CCRC in particular*

*trac.dCache.ORG*

↳ *Developers Corner*

↳ *CCRC information*  
*Including some nice plots by Greig C.*