dpm-dbck
a tool for **DPM DB consistency checking**

Andrey Kiryanov

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Synopsis

dpm−dbck [−h] [−d] [−r] [−y|−n] [−s <n>] [−c <config dir>] [<filesystem>[…]]

New behavior:

- Compatible with RHEL 6 and 7 flavors.
- SSH access is a default now. If you still want to use deprecated RFIO, add a **−r** switch.
- Secondary replicas are not removed by default. If you want to clean them up, add a **−d** switch.
- You can limit the number of checked filesystems by specifying them on the command line. You can even disable filesystem check completely with "none".

Checks

- Detached sub-trees in the namespace that have no parent
- Replica entries with nonexistent filesystems
- LFNs with no replicas
- Files that are on disk but not in the database and vice versa
  - Needs direct access to disk nodes via SSH
  - Also checks for file size mismatches
- Replica counts and LFNs with missing primary replicas
  - Unexpected secondary replicas are usually leftovers from a failed *dpm-drain*, you can ask *dpm-dbck* to clean them up
- Stuck "deleted" LFNs and replicas
- Reference link counts for directories
  - Ever seen *dpns-rm* refusing to remove an empty directory?
- Spacetoken storage accounting values
- Stuck entries in the DPM request logs

That's all

Thank you!