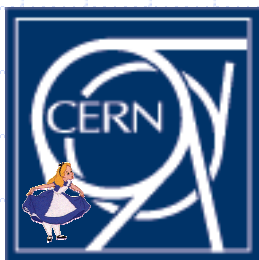# EDG-WP8 – EDT-WP4

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Current status

- Applications are working together in the EDG WP8 coordinating their Grid activities
  - This is working well, and the RTAG document that is going to be released is a prove of it
  - The EIP (Loose Cannons) are working effectively because their activity is centrally coordinated
- DataTAG WP4 people have contacted the various experiments and how have a clear vision of their need and plans
- There is a concentrated effort to produce a "stable" (in the sense of "reliable") EDG testbed version 1.2
  - With a very strong contribution of all partners involved
- This goes in the direction indicated by the experiments who are looking forward to "deploy realistic applications on the testbed"

Future plans

- The EDG testbed is far from perfect but
  - It includes the four experiments
  - It is making difficult but steady process toward a sensible support infrastructure
  - It is a recognised entity to which non-EU and non-EDG centres want to connect to
- It is a cornerstone of the Grid activities of the LHC
- This is why the experiments wants it to "become" the LCG Grid testbed
  - I.e. LCG should take it over and make it more robust (call it production if you like) while EDG continues developing the technology and offering expert support
- This offers a sensible evolution path which is supported and endorsed by the experiments

DataTAG role

- The major problem we are facing now is how to support the extension of the EDG testbed to non EDG sites
  - Principally, but not only, the US
- DataTAG was born with the mandate to experiment with the transatlantic link
- It is therefore only natural that the EDT/WP4 personnel help to extend the EDG testbed across the Atlantic
- This would add an important piece to the phase I infrastructure and would fulfil the original mandate of DataTAG
  - This would also respond to the expectations and requests of the experiments

How to go – a humble proposal

◆ We should now leverage
  - The existing EDG-WP8 coordination structure
  - The acquired EDG-WP4 understanding of the experiment

◆ To support the extension of the EDG testbed across the Atlantic
  - And realise the link between EDG/EDT and iVDGL/PPDG/GriPhyN

◆ Via a very close coordination with EDG/WP8

◆ To realise this coordination (amongst other things) it has been proposed to create a LCG-level WP8 like experiment Grid activity coordination working group

How to go – a humble proposal

- We therefore need joint meetings between EDG/WP8 and EDT/WP4 to coordinate the activities
  - A workplan is needed soon
- We should avoid to "distribute" the supported personnel to the experiments without a close coordination
  - This would be a drop (even if of very "concentrated knowledge") in a sea of "unfunded efforts"
  - This is the only chance to acquire a "critical mass" to make an impact, as the LCs are doing
- The integration of the middleware in the experiment software will largely be done by unfunded effort
  - But we need a critical mass of good support