

GridCPR BoF: Proposed GGF Working Group on Grid Checkpoint Recovery

GGF5 - Edinburgh, Scotland

July 23, 2002, 18:00-19:00

EICC Harris 1

GridCPR BoF Agenda

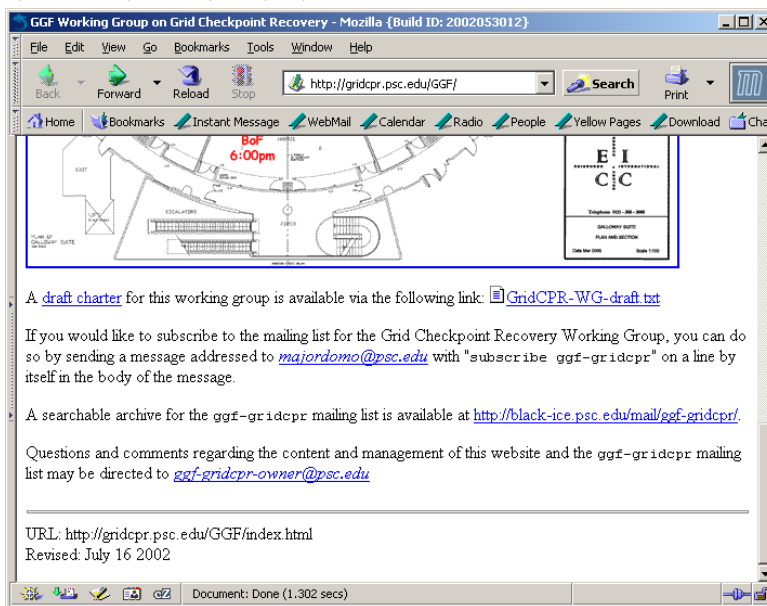
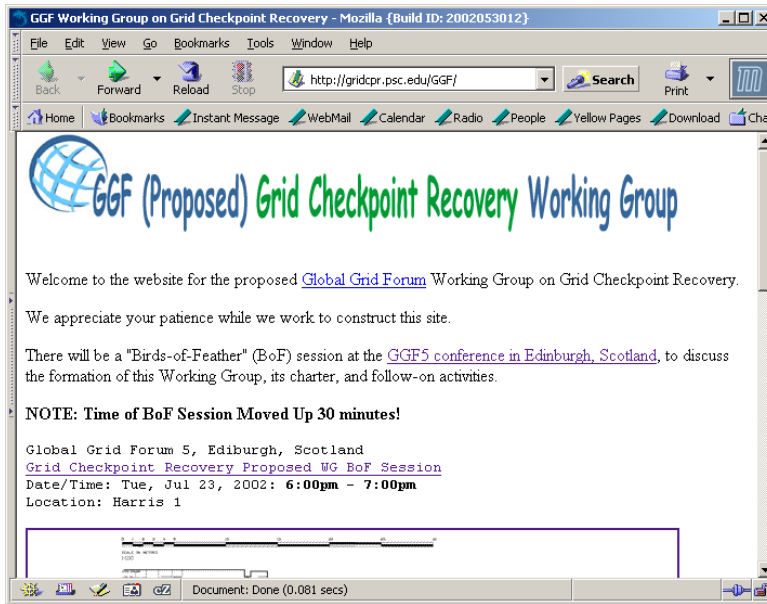
- 18:00 Hello! Welcome to the GridCPR BoF!
- 18:10 Grid Checkpoint Recovery 101
- 18:15 Proposed GGF Working Group
- 18:20 Introductions
 - Who are we (everyone in the room)?
 - What are the interests of the group?
- 18:30 Review of Draft Workgroup Charter
- 18:50 GridCPR Requirements Survey?
- 18:55 Action Items
- 18:59 Conclusion

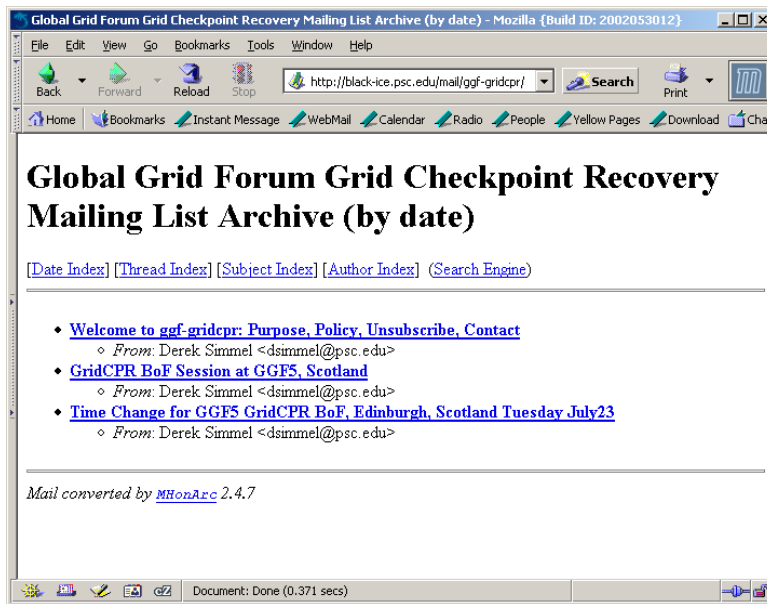
Grid Checkpoint Recovery 101

- Approaches to Checkpoint Recovery
 - Traditional, system-level checkpointing
 - Application/User-level checkpointing
- Existing approaches to Checkpoint Recovery in Grid / P2P Computing
 - e.g., Condor, Entropia, Fault-tolerant MPI, etc.
- Checkpoint Recovery as a Grid Service
 - Managing Scale, System Heterogeneity, Flexibility
- Grid Job Migration requires GridCPR

Proposed GGF GridCPR WG

- Website: <http://gridcpr.psc.edu/GGF/>
 - WG meeting notes, proceedings, presentations
 - Announcements
 - [ggf-gridcpr](#) mailing list search/archive, instructions
- Start small - grow as needed/manageable
 - We may grow to form a GridCPR Research Group as the subtopics of interest emerge
- Interfaces to other GGF efforts
 - Scheduling, Accounting, Data Transport, etc.





Global Grid Forum Grid Checkpoint Recovery Mailing List Archive (by date)

[\[Date Index\]](#) [\[Thread Index\]](#) [\[Subject Index\]](#) [\[Author Index\]](#) [\[Search Engine\]](#)

- [Welcome to ggf-gridcpr: Purpose, Policy, Unsubscribe, Contact](#)
 - From: Derek Simmel <dsimmel@psc.edu>
- [GridCPR BoF Session at GGF5, Scotland](#)
 - From: Derek Simmel <dsimmel@psc.edu>
- [Time Change for GGF5 GridCPR BoF, Edinburgh, Scotland Tuesday July23](#)
 - From: Derek Simmel <dsimmel@psc.edu>

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GridCPR WG Charter

- The draft is entirely open for discussion
 - Objectives
 - Scope
 - Chair(s)
 - Derek Simmel <dsimmel@psc.edu>
 - Thilo Kielmann
 - Proposed Actions
 - Deadline for charter review/comment period

GridCPR Requirements Survey?

- Gather & Report Perspectives / Use Cases:
 - Users
 - Application Developers
 - Grid Systems Developers
 - Scheduling, Security, Accounting, etc.
 - Grid Resource Providers
 - Operations, Grid Systems Administration
 - Standards Development
 - APIs, Services, Protocols

Action Items

- Collect Charter Comments / Revise
 - Ratification at GGF6
- GridCPR Requirements Survey
 - Development
 - Execution
 - Preliminary Findings Report for GGF6
- GGF6 Agenda