Cluster Manager implementation under the GUG framework
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At first I will speak about the Grid Undergrund (GUG) this will be a short summary. We needed an easier LRMS (Local Resource Manager System) we would like to change it. We used the Condor for this till now. The new LRMS service name is Cluster Manager (CM). I will speak about the usage of this service and how does it work. I think that the standards are important for the interoperability so I used them.

I implemented these standards:

- Job Submission Description Language (JSDL) 1.0
- OGSA Basic Execution Services (OGSA BES) v31
- HPC Basic Profile 1.0

I will demonstrate these standards and I will speak about the Genesis II projekt and the CM relation.