



Grid Computing Hands On Training for Users
Faculty of Sciences, University of Novi Sad

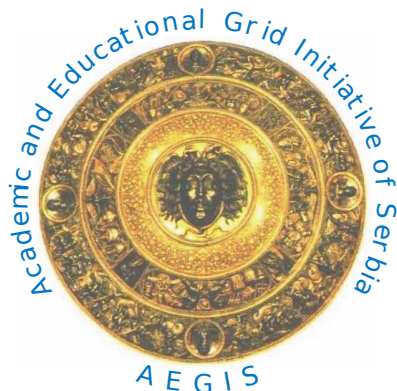
Job collection submission

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- **Sets of independent jobs**
- **Two ways to define job collection**
 - single jdl file
 - directory with jdl files

```

Type = "Collection";
InputSandbox = ("fileA");
Requirements = RegExp("ce64.phy.bg.ac.yu*",other.GlueCEUniqueID);
nodes = {
  [
    JobType = "normal";
    Executable = "/bin/hostname";
    Arguments = "-i";
    StdOutput = "out";
    InputSandbox = (root.InputSandbox, "fileB");
    StdError = "err";
    OutputSandbox = {"out", "err"};
  ],
  [
    JobType = "Normal";
    Executable = "/bin/date";
    StdOutput = "date";
    StdError = "err";
    OutputSandbox= {"date"};
  ]
};

```

- **\$ glite-wms-job-submit -a -o id collection.jdl**
- **\$ glite-wms-job-status -i id**

Status info for the Job : https://wms.phy.bg.ac.yu:9000/rH7-nXcUYvSW_HxWzcArzQ
 Current Status: **Waiting**
 Submitted: **Fri Apr 24 21:56:39 2009 CEST**

- Nodes information for:
 Status info for the Job : <https://wms.phy.bg.ac.yu:9000/U2a2GrhV1fdne2cLQ5oxLw>
 Current Status: **Submitted**
 Submitted: **Fri Apr 24 21:56:39 2009 CEST**

Status info for the Job : <https://wms.phy.bg.ac.yu:9000/f-HagbzEsDcSJd8lgBuPzg>
 Current Status: **Submitted**
 Submitted: **Fri Apr 24 21:56:39 2009 CEST**

- `$ glite-wms-job-output -i id --dir kolekcija`
- `$ ls kolekcija`
`ids_nodes.map Node_0 Node_1`
- `$ cat kolekcija/Node_1/date`

Fri Apr 24 21:57:12 CEST 2009

- `$ ls -l jdl/
job1.jdl job2.jdl`
- `$ glite-wms-job-submit -a --collection jdl`
- **Following is same as in the previous way of submission**

- **glite-wms-job-output <collID>**
- **glite-wms-job-cancel <collID>**
- **glite-wms-job-logging-info <collID>**
- **When single jobID is known it can be treated as any other job**