



EGEE Training for Union University School of Computing students
Institute of Physics Belgrade

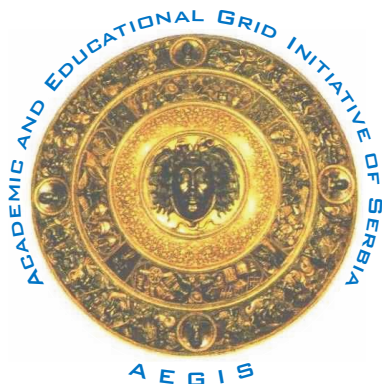
Grid Job Submission

*Dusan Vudragovic <dusan@scl.rs>
Scientific Computing Laboratory
Institute of Physics Belgrade
Serbia*



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www.eu-egee.org



- **High-level language**

```
attribute = expression;
```

- **Typical JDL**

```
Type = "Job";
```

```
Executable = "/bin/hostname";
```

```
Arguments = "";
```

```
StdOutput = "std.out";
```

```
StdError = "std.err";
```

```
OutputSandbox = {"std.out", "std.err"};
```

- **Requirements**

```
Requirements = Member("VO-cms-CMSSW_2_0_0",
```

```
    other.GlueHostApplicationSoftwareRunTimeEnvironment);
```

```
Requirements = (!RegExp("cern.ch", other.GlueCEUniqueID));
```

```
Requirements = (other.GlueHostArchitecturePlatformType ==  
    "x86_64") ;
```

- **Single Job Submission**

```
glite-wms-job-list-match -a <jdl file>  
glite-wms-job-delegate-proxy -d <delegID>  
glite-wms-job-submit -a <jdl file>  
glite-wms-job-status <jobID>  
glite-wms-job-cancel <jobID>  
glite-wms-job-output <jobID>  
glite-wms-job-logging-info <jobID>
```

- **Job Collections**
- **DAG jobs**
- **Parametric jobs**
- **Interactive Jobs**
- **MPI Jobs**