

May 13, 2004

Agenda

Status of the Spec

GGF Schedule

XML strategy

Translation Tables

Attendees

Darren Pulsipher

Fred Brisard

Steve McGough

An Ly

GGF Schedule

June 7, 12:30 - 2:00pm (Sea Pearl 5-6)

June 8, 12:30 - 2:00pm (Sea Pearl 5-6)

June 8, 4:00pm - 5:30 pm (Sea Pearl 5-6)

June 9, 10:00am - 11:30am (Sea Pearl 5-6)

June 9, 12:45pm - 2:15pm (Sea Pearl 5-6)

[Text Slide A]

Extendability for JSDL

```
<Extend description="condor">
```

```
<Resource>
```

```
Mem > 1000MB
```

```
</Resource>
```

```
</Extend>
```

```
<Resource description="lsf">DarrenHome = /home/darrenp</Resource>
```

```
<Resource description="condor">DarrenHome = /opt/darrenp</Resource>
```

```
<Resource>DarrenHome = /opt/darrenp</Resource>
```

```
<Extend description="DarrenHome">
```

```
<Resource description="lsf">/home/darrenp</Resource>
```

```
<Resource description="condor">/opt/darrenp</Resource>
```

```
<Resource>/home/darrenp</Resource>
```

```
</Extend>
```

```
<jsdl:JobIdentification>
```

```
<JobName>1234</JobName>
```

```
<Extend description="lsf">2345.123.123</Extend>
```

```
<Extend description="darrencustom" xsi:schemaLocation="http://www.ggf.org/Policy.xsd">
```

```
<Policy> 2345.123.123 </Policy>
```

```
</Extend>
```

```
</jsdl:JobIdentification>
```

[Text Slide B]

XML Document layout.

Should it be flat or segmented.

JobIdentification

Application (This should handle command and different types of applications) Is this done with an attribute or done with specific elements in Application Section

Environment

Shell

ExecutableName

Arguments

Type

Stdout, Stderr, Stdin

Requirement

Resource - This should include network requirements etc..

Limits

Resource - This should include resource limits, CPU, Network

Data

File

Staging In

Staging out

Network

Database access

Security

Certificate

Run Job As User

...

Contact the Security group for a list of things that should be put into the Security area.

Scheduling (This should not be part of JSDL but of a general Work Flow Description Language. The WFDL would contain JSDL documents and the WFDL would contain the scheduling information and how the Jobs are related to each other and when they can be run)

<Application type="command">

</Application>

```
<?xml version="1.0" encoding="UTF-8" ?>
- <jSDL:job xmlns:jSDL="http://www.gridforum.org/JSDL"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:schemaLocation="http://www.gridforum.org/JSDL jSDL.xsd">
  <jSDL:ApplicationRequirements />
  <jSDL:JobIdentification />
  <jSDL:SecurityAttributes />
  <jSDL:Environment />
  <jSDL:Resource />
- <jSDL:DataAttributes>
- <jSDL:File>
  <jSDL:FileName>myFirstFile.txt</jSDL:FileName>
  <jSDL:Source>http://www.ggf.org/myFirstFile.txt</jSDL:Source>
</jSDL:File>
- <jSDL:File>
  <jSDL:FileName>mySecondFile.data</jSDL:FileName>
  <jSDL:Target>gsiftp::box.ggf.org/homes/ggf/mySecondFile.data</jSDL:Target>
</jSDL:File>
- <jSDL:File>
  <jSDL:FileName>StageThrough.data</jSDL:FileName>
  <jSDL:Source>ftp://ftp.ggf.org/largeData/input.dat</jSDL:Source>
  <jSDL:Source>ftp://ftp.slowbox.org/largeDataBackup/record.data</jSDL:Source>
  <jSDL:Target>gsiftp::box.ggf.org/homes/ggf/result.data</jSDL:Target>
</jSDL:File>
</jSDL:DataAttributes>
</jSDL:job>
```

[Text Slide C]

A Sharing Slide

[Share A]