



Enabling Grids for E-scienceE

# BAR Demo Client

*Florian Scharinger*  
*F2F JRA4 Meeting, Cambridge*

[www.eu-egee.org](http://www.eu-egee.org)



INFSO-RI-508833

- **Scope**
  - To demonstrate functional scope of BAR
- **Requirements**
  - MUST be able to select a Service Type (Bulk Transfer and Virtual Leased Line)
  - MUST be able to specify 2 end sites
  - MUST send a Service Request (BT or VLL)
  - MUST send a Cancel Request
  - MUST display response
  - SHOULD display request parameters
    - Should these parameters be editable?
  - SHOULD have a GUI
    - Or is a command line interface sufficient?

Service	Request Service ▾
Service Type	Bulk Transfer ▾
Endsite 1	<input type="text"/>
Endsite 2	<input type="text"/>
<b>Request Parameters</b>	
File Size (kb): 100000.5	
Start Time: 10:00:00	
Start Date: 10/05/2005	
End Time: 11:30:00	
End Date: 10/05/2005	
Source: 137.138.28.230	
Source Type: IPv4	
Destination: 129.215.56.6	
<input type="button" value="Send Request"/>	
<b>Service Response</b>	
Request SUCCESSFUL	
Service ID: 001	
ActualStartDateTime: 10:00:00	
ActualEndDateTime: 11:30:00	
ActualBandwidth: 10000.5	



Enabling Grids for E-science

# BAR Client Command Line

```
Welcome to BAR Client..
```

```
Choose type of service you want to use (1) Request or (2)  
Cancel Service
```

```
1
```

```
Choose type of Request (1) Bulk Transfer or (2) Virtual  
Leased Line
```

```
1
```

```
Please enter end site 1
```

```
137.138.28.230
```

```
Please enter end site 2
```

```
129.215.56.6
```

```
<etc>
```

```
Send request now (Y/N)
```

```
Y
```

```
Sending request...
```

- **Open Issues**
  - For which audience is the BAR Client intended
  - Time scope of BAR Client (used until when?)
  - Known dates for upcoming demonstrations?