

NORDUGRID

*Grid Solution For Wide Area
Computing and Data Handling*

Jura

NorduGrid 2011
Kiev, Ukraine

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NIIF

- Accounting agreement
- APEL integration

Accounting agreement

Status

- Status: draft
- Last update: 1 weeks ago
- Current version:
https://twiki.cern.ch/twiki/pub/EMI/ComputeAccounting/EMI_compute_usage_record_0.3.rtf

<u>OGFUR</u> <u>Par.</u>	<u>BaseTag</u>	<u>APEL</u>	<u>ARC</u>	<u>DGAS</u>	<u>UNICORE</u>	<u>Semantic</u>
<u>Base Properties</u>						
11.1	<u>RecordIdentity</u>		X	X	X	OGF UR: <u>GRID-wide unique identifier for the record</u>
11.2	<u>JobIdentity GlobalJobId</u>		X	X	X	OGF UR: <u>Global job identifier as assigned by metascheduler or federation scheduler</u>
11.2	<u>JobIdentity LocalJobId</u>	X	X	X	X	OGF UR: <u>Local job identifier as assigned by the batch queue</u>
11.2	<u>JobIdentity ProcessId</u>					OGF UR: <u>Local PID of the Job</u>
11.3	<u>UserIdentity LocalUserId</u>	X	X	X	X	OGF UR: <u>Local identity for the user</u>
11.3	<u>UserIdentity GlobalUserName</u>	X	X	X	X	OGF UR: <u>Global GRID level user name</u>

- New EMI specific elements:
 - UserIdentity | VirtualOrganization
 - UserIdentity | ProjectName
 - UserIdentity | Group
 - UserIdentity | LocalGroupId
 - SiteName

- Others (23) elements: similar as before

- Conclusion: no big modification need for a new UR

JURA status

What happened in the last half year?

- New command line parameters
 - Topic can be add for the URL
 - output directory for a generated APEL records
 -

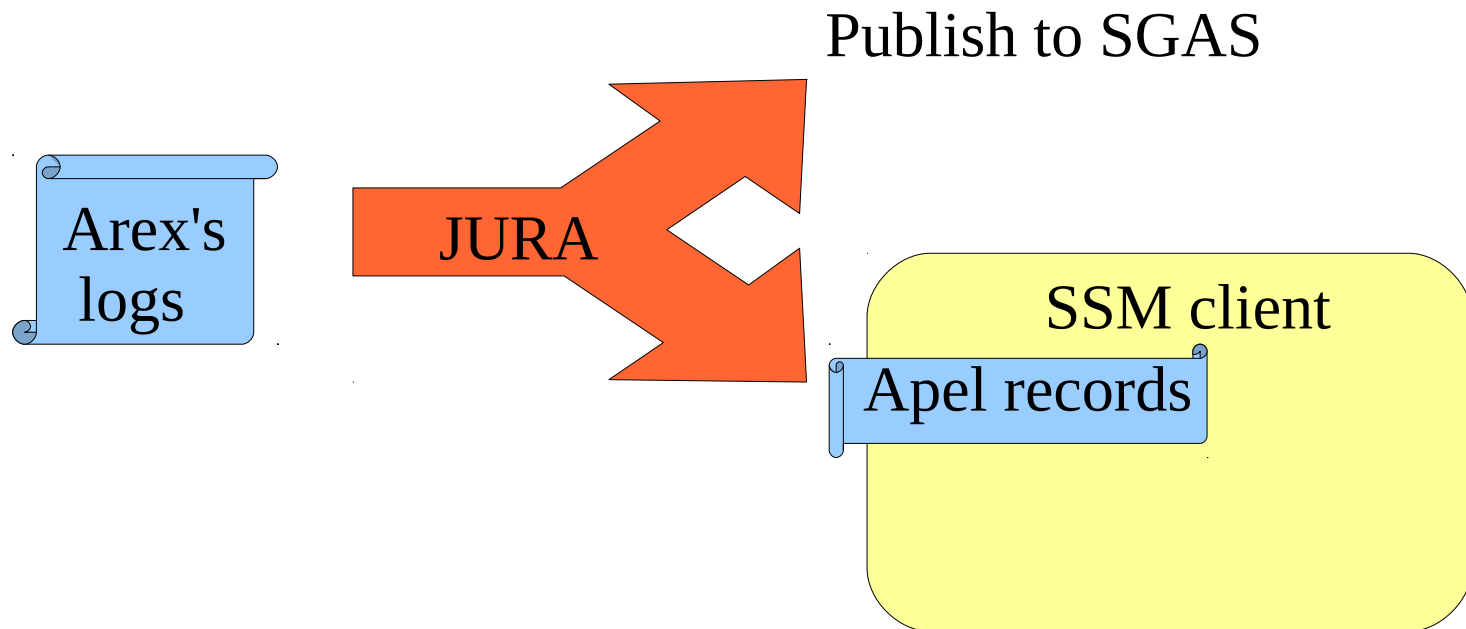
for example:

```
./jura -u host1
```

```
-u host2 -t topic_name -o dir_path
```

```
-u host3 log_path
```


- How works now the JURA?



Published entries 1/2

- LocalJobID
- LocalUserID
- GlobalUserName
- WallDuration
- CpuDuration
- StartTime
- EndTime
- Site
- SubmitHost

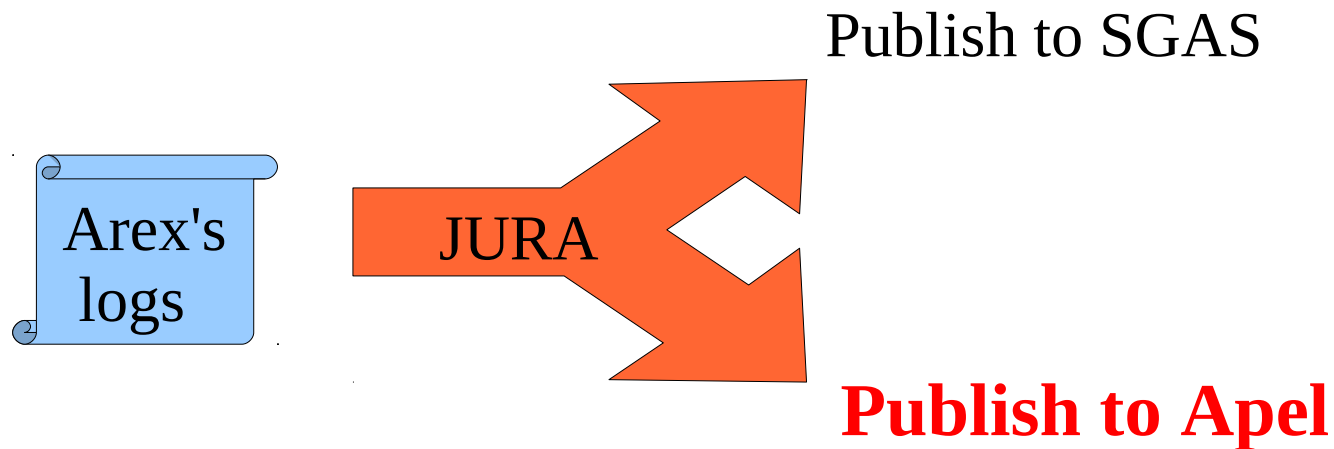
Published entries 2/2

- MemoryReal
- NodeCount
- Processors

- Default values:
 - ScalingFactorUnit = custom
 - ScalingFactor = 1
 - UserFQAN = None

Future development

- Accounting record publish directly to the Apel



Thank you for attention!