

JSDL-WG Session

OGF27 – General Session

10:30-12:00, 14 October 2009
Banff, Canada

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OGF27 Sessions



- General Session

[Wednesday, 10:30-12:00, @MB 150]

- State of working group
- Next steps
- Activity instance working session (warm up)
 - Implementation example of Activity Instance

- Activity instance document schema

[Wednesday, 13:00-14:30, @MB 150]

- Working session on activity instance

- NOTE THESE ARE PRIMARILY WORKING SESSIONS

Work done since OGF26



- Activity instance document schema
 - Schema complete & more mature draft
 - A lot of specification text written up

Work done during {bi/weekly,monthly} calls

New work

- At OGF26 agreed to start work on the following (no progress)
 - SPMD survey & experience document
 - Mini-spec to enable other resource descriptions
 - Dependencies/workflow *experience* document based on projects that have used jsdl+custom workflow
- Left the following for others/later
 - XQuery/Glue connection for resource requirements
 - Profile to use GLUE (needs BES GLUE adaptation)
 - Outlined in “Information and Data Modeling in OGSA® Grids” GFD.137
 - Mini-spec on “May ignore” attribute on elements as discussed at Singapore and before

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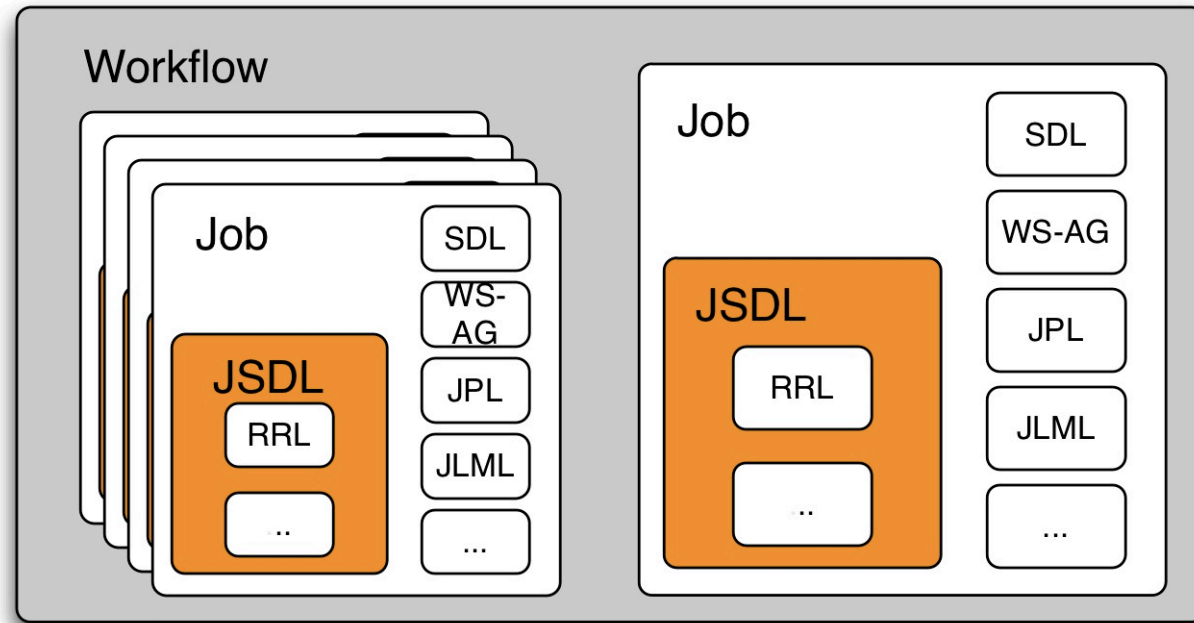


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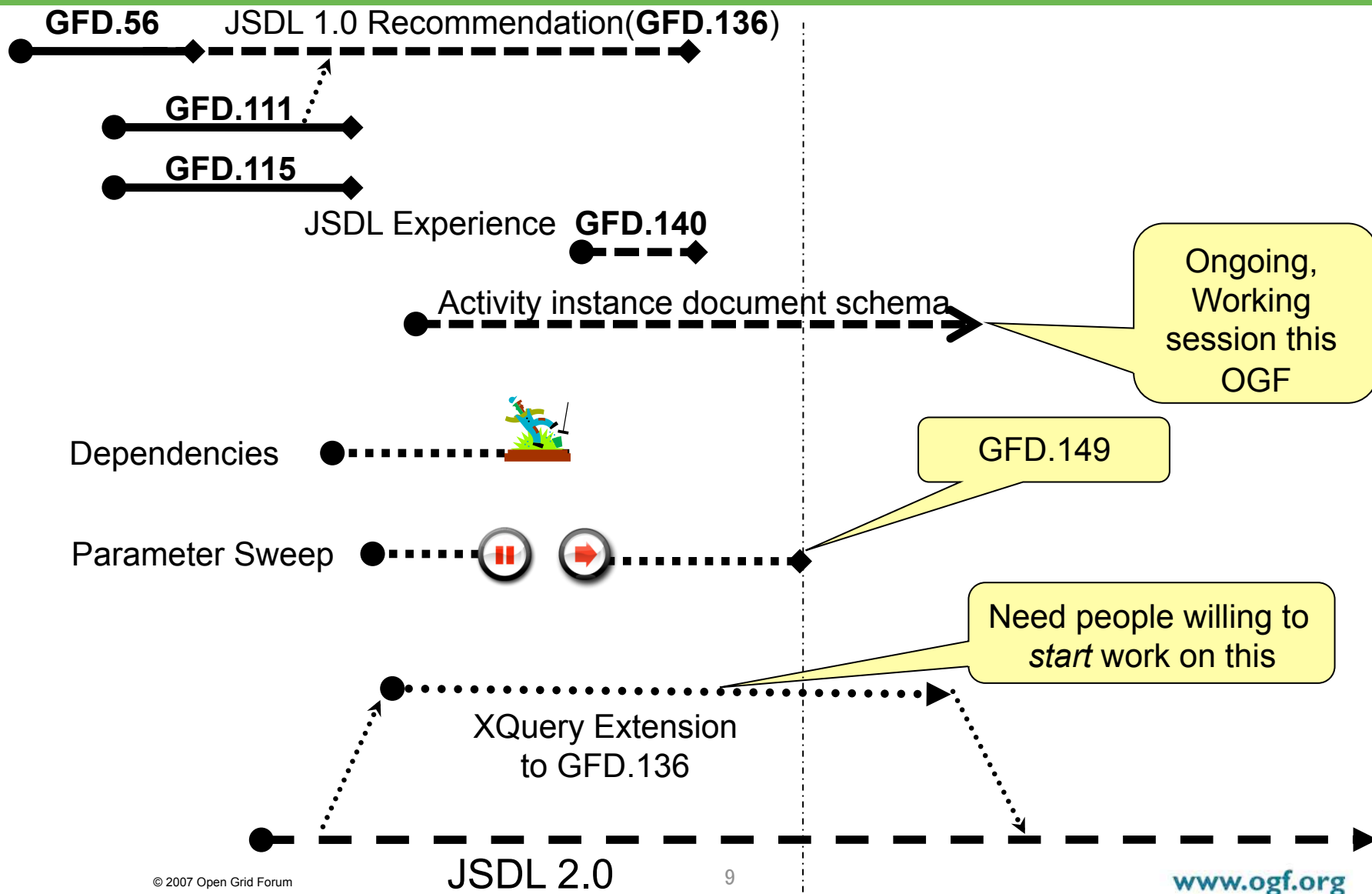
Activity instance document schema



- Collected use cases
- Identified requirements
- Prioritized requirements
- Initial XML schema

JSDL Activities/Documents

Now



JSDL, XQuery, GLUE and OGSA Information Modeling Architecture

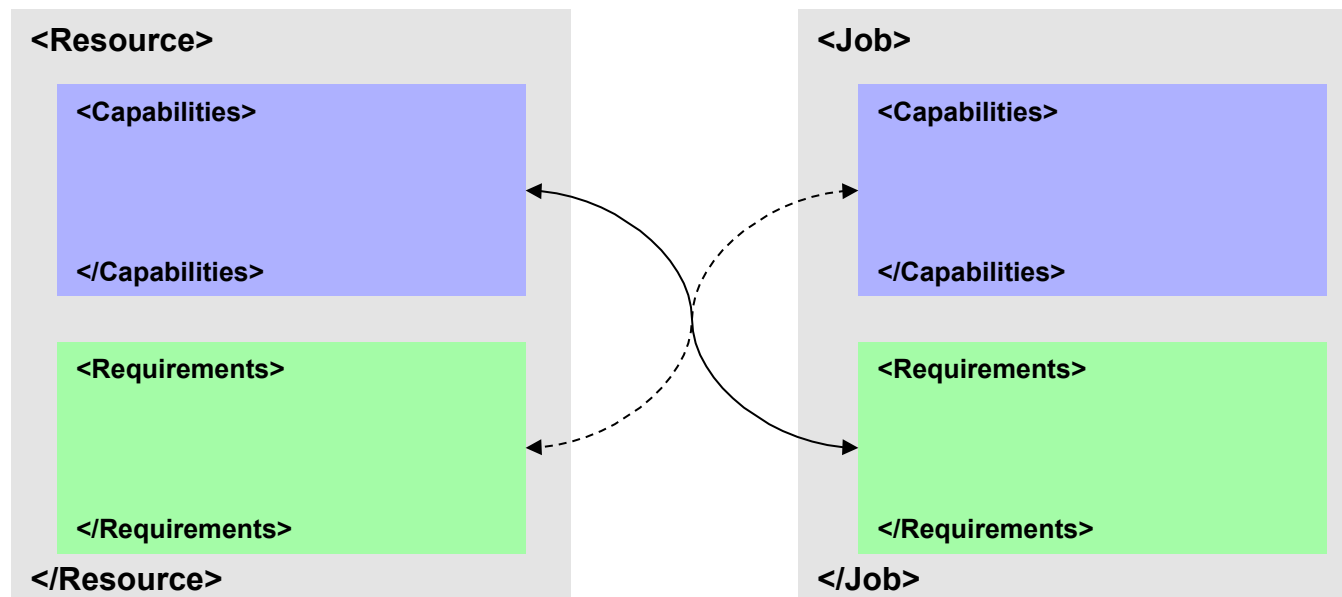


- Two documents

- A job description
- A resource description

- Goals

- Does the job meet the resource's requirements?
- Does the resource meet the job's requirements?



See “Information and Data Modeling in OGSA® Grids” GFD.137

XQuery extension to GFD.136



JSDL 1.0

```
<JobDefinition>
  <JobDescription>
    <JobIdentification.../>?
    <Application.../>?
    <Resources.../>?
    <DataStaging.../>*
  </JobDescription>

  <xsd:any##other/>*

</JobDefinition>
```

JSDL 1.0 with XQuery extension

```
<JobDefinition>
  <JobDescription>
    <JobIdentification.../>?
    <Application.../>?
    <Resources.../>?
    <DataStaging.../>*
  </JobDescription>

  <JobRequirements>
    Your XQuery here
  </JobRequirements>?

</JobDefinition>
```