RSpecs:
Discussion Topics

Aaron Helsinger – ahelsing@bbn.com
March 16, 2011
www.geni.net

- ProtoGENI RSpec V2 with Extensions is the format on the wire
  - AM API will specify that format
- Aggregates can run translators
  - Ilia demonstrated a PG request RSpecs -> NDL converter
- Come to agreement on basic semantics (when?)
  - NML for Layer 2
  - Ilia proposed an ontology for compute & storage resources
  - Kansei, OMF, etc must work on wireless resources

- What about PlanetLab RSpecs?
- Translators
  - Why can't clients translate?
  - Central translation service vs at each aggregate
  - How many translators will we have?
  - Maintenance cost of translators? Who does this?
- Will PG RSpecs change to be more standards compliant?
- Does PG get to control the format? GENI?
- Will I&M RSpecs be in PG format?
  - They need to be in this discussion

- Other than NML, what semantics standards should we leverage?

- NML for Layer 2?

- Ilia's compute resources proposal?

- Volunteers to propose ontologies