RuleML Status and Plans  
- Overview -  

Harold Boley, DFKI GmbH  
Benjamin Grosos, MIT Sloan  
Steve Ross-Talbot, Enigmatec Corp  
Said Tabet, RuleML Initiative  
Gerd Wagner, U. Eindhoven  

RuleML Workshop,  
SIG2, Ontoweb3 Meeting  
Chia Laguna, Sardinia  
14 June 2002
Status (I)

- **28 Participant Groups** around the world
- Current functional kinds *(stable DTDs/Schemas):*
  - derivation, query, transformation
- Planned functional kinds:
  - integrity checking *(still regarded as special queries)*
  - reactive behavior *(currently as translators to, e.g., Jess)*
- Multiple syntaxes: XML, RDF, DAML+OIL
- Tools (~10): engines, translators, editors
Status (II)

- Based on declarative logic programs + extensions
- Current extensions:
  - URI’s for predicates, constants, etc.
  - Negations: negation as failure & strong negation
  - Courteous: prioritized conflict handling
  - Situated: procedural attachments for actions & tests
- Planned extensions:
  - Modules
  - Events; ECA / production rules
  - More Webizing, e.g. procedural invocations
Semantic Web and Web Services Use DBs, Onto’s, and Rule Systems

- Services: DAML-S, WSMF
- Rules: RuleML
- Ontologies: OWL
- Databases: SQL, XQuery, RDF
Organizational Efforts

- **W3C Working Note**
- **Aim: W3C Working Group - 2003?**
  - Relationship to RDF Query area
- **Possible OASIS Policy RuleML Working Group**
- **Industry outreach: developers, executives**
  - Events: e.g. WWW2003
- **W3C BOF F2F, Boston, March 2003**
- **ISWC’03, October 2003**
RuleML Subgroups

- **Reaction Rules (Started: Dagstuhl Seminar)**
  - Leads: Gerd Wagner & Steve Ross-Talbot

- **Ontology Combo (Started: here)**
  - Leads: Benjamin Grosof & Andreas Eberhart

- **Defeasible Rules (Started: here)**
  - Grigoris Antoniou & Michael Schroeder
Further Sardinia Events

- Tonight 20:00 ‘RuleML Dinner’ at the usual place (Ristorante Bouganville)
  - ‘Round Table’ on reaction rules
  - ‘Round Table’ on ontology combo
  - ‘Round Table’ on defeasible rules

- Tonight 21:00 RuleML BOF Meeting
  Lets meet at Bouganville terrasse (patio)

- Tomorrow 9:00 RuleML Working Groups
  Lets meet at Bouganville terrasse (patio)
Conclusions

„RuleML: The Semantic Web Rules“

If you are not yet a RuleML Participant please send an email to Said and Harold