OWL-S Roadmap

DAML Web Services Coalition

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http://www.daml.org/services/

Incremental Releases

- 1.1) Dec. 15
  - IOPEs / bundling; Dataflow; (WSDL) faults
- 1.2) Feb. 15
  - Conditions & rules
  - Surface syntax
- x.y) Apr. 15
  - Multiparty interactions; process visibility
  - Mixed process vs. separate
  - Cross role interaction style
  - "Feature complete"

Near-term topics / proposals

- IOPEs
  - Bundling; conditional inputs
  - Using variables; referring

- Dataflow representations
  - Choices embody a fundamental question

- Conditions & rules

- Surface syntax

- Multiparty interactions; process visibility

- Mixed-process vs. separate

- Cross-role interaction style
  - Synchronization constructs; dataflow+grounding; explicit messaging

Other Near-term Issues

- Failure / recovery / monitoring

- WSDL 1.2

- Profiles ⬅➡ Processes

- Security

Medium-term Issues

- Standardization efforts

- Grid / OGSA tie-in

- Execution traces

- Process control (lifecycle) / monitoring

- Formal semantics

1.0 Beta Release

- Under construction

  - Core ontology files

  - Not all documentation is complete

- OWL-final

- Profile

- Process Model

- Grounding

www.daml.org/services/owl-s/1.0

Summary

- **Language status (40 min.)**
  - **OWL-S 1.0 (David Martin)**
  - **Security extensions (Grit Denker)**
- **Supporting products (Massimo Paolucci) (30)**
  - **Tools, demos, use cases**
- **Outreach & uptake (20)**
  - **Standardization efforts & strategies (Katia Sycara)**
  - **Users, workshops, books, papers (Terry Payne)**

--- Break ---

- **Open issues & challenges (Mark Burstein) (40)**
- **Roadmap for language evolution (David) (20)**