APIs

- XML interoperation includes DOM
- Database interoperation includes SQL and JDBC to be useful
  - RDQL, KIF, DQL, OQL, ???
  - JDBC analogue? SOAP-based?

- APIs
  - Persistent OWL documents/data
  - RDF triple model
  - OWL model (e.g., Jena, frame-based, ?)
    - Classes
    - Properties
    - Restrictions
  - OWL application/task-specific
    - E.g., SWSA work on Matchmaker APIs, ???

- APIs for Java, C++, .net, Python, Perl, web, ???
Plan

• 1 month
  – Advertise and get additional people on board
  – Set up forum on SemWebCentral
• 2 months
  – Identify kinds of APIs
• 3 months:
  – Survey of existing or proposed APIs
  – Coordinate with SWSA, others TBD
• 5 months
  – Presentation for ISWC to solicit input
• 6 months:
  – Draft requirements for APIs
  – W3C ad hoc “best practices” working group
  – Plan for next steps