Some Requirements for RDF and Semantic Web Applications

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Characterizing the Semantic Web

Ontological approaches (RDF, DAML+OIL, etc.)

“RDF Facism”

“Weak” Semantic Web
(uniform data models, useful manipulation)

Syntactic approaches (“plain” XML)

“Strong” Semantic Web
(logic & reasoning)

(unlikely)

you are here
Reasoning and RDF

• Simple inferential component is part of the RDF M+S
  • if reading the spec didn’t convey this, please read the new “RDF Model Theory”
• Largely this comes down to polymorphism of the type system
• This support must be available in RDF toolkits
  • leaving it to applications programmers is a Bad Thing
  • (e.g., Wilbur experiments)

Business Models

• Do they exist?
• Advertising emerged as a dominant business model for the “old” web
• When machines do more work for us, what is the role of advertising?
• Viable business models are crucial to the deployment of the Semantic Web
  • (come talk to me if you have ideas…)