



The Difference is WebSphere



Creating A Single Global Electronic Market

UDDI, OASIS, and ebXML Registry Initial Discussions

Scott Hinkelman

Senior Software Engineer

IBM e-business Standards Strategy

srh@us.ibm.com

February-2001 ebXML Vancouver



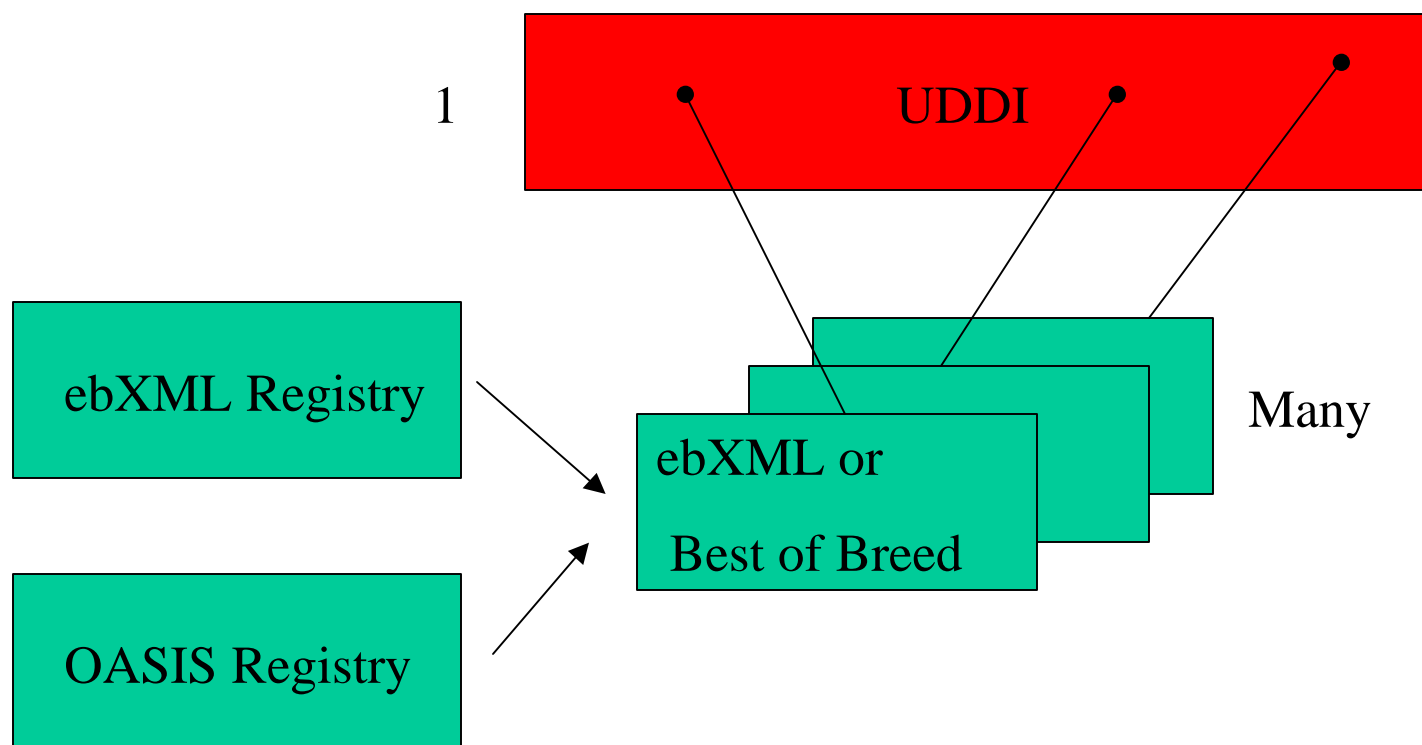
UDDI, OASIS, and ebXML



Base Facts

- ✍ OASIS has a long history with Registries and Repositories
- ✍ OASIS, ebXML, and UDDI are 3 significant registries
- ✍ As with ebXML TRP/SOAP/XP, merge or co-existence will benefit all B2B eBusiness
- ✍ ebXML Registry is best served by recognizing and addressing other efforts in related spaces

- ✍ Is there reason to merge any OASIS registry content into the ebXML registry?
- ✍ Would this result in any best of breed? In what area?





UDDI and ebXML











- ✍ Complementary and both will be part of the evolution of the plumbing for business on the web.
- ✍ Remember that we are all after the same thing: to use the Internet to conduct our businesses in an efficient and cost-effective manner.
- ✍ UDDI is evolving: There plenty of time for ebXML to influence direction and scope to insure clean evolution of specifically the EDI community.



UDDI and ebXML



Outlook Topologies

-  UDDI: centralized / replicated / virtually singular / bootstrap
-  ebXML Registry: many per (industry?, etc)
-  Currently main disjoint infrastructure area is Message/Envelope (SOAP, ebXML TRP). Forecast: Message layers likely to merge in W3C XP resolving this issue.
-  Currently main functional similarities are *Business* discovery areas based on “Roles” or “Services”.
 -  Forecast: UDD being used to help businesses find other businesses on a global scale.
 -  Forecast: UDDI being used to help businesses find other ebXML-enabled businesses on a global scale.
 -  Forecast: UDDI being used to help business find ebXML Registry providers
 -  Forecast: ebXML Registry being used to find ebXML-enabled businesses



UDDI and ebXML



Creating A Single Global Electronic Market






- ✍ Distinguishing points on ebXML Registry
 - ✍ Homes for comprehensive UMM-based Business Process modeling
 - ✍ Homes for Core Business Components critical to the EDI community
 - ✍ Homes for related (non-XML) artifacts
 - ✍ Moving toward a (not yet defined) distributed model
 - ✍ More general purpose in nature than UDDI, which is Business-registry and current WebService-oriented with a “focused” business interface (find_business_by_name....)



UDDI and ebXML



Recommendations

-  (re)Evaluate any value of merging with the OASIS registry effort as part of the ebXML follow-on post May
-  Consider a parallel task force focused on UDDI issues
 -  No need to “compete” with UDDI. Co-operate to clearly define scope and usage model.
 -  Consider a formal ebXML Registry liaison in UDDI within context its evolutionary home (OASIS ?) for formal definition of responsibilities in functional scope
 -  Investigate if an appropriate set of UDDI tModels for ebXML Registry is feasible