Web Services & Distributed Objects

Architectures for Decentralized Applications

Panelists: Rohit Khare, Henrik Frystyk Nielsen, & Mark Thomsen

ISR Research Forum
17 June 2003
UC, Irvine
Panelists

- **Rohit Khare**
  - ISR & KnowNow, Inc.
- **Henrik Frystyk Nielsen**
  - Microsoft, Inc.
- **Mark Thomsen**
  - Alodar Systems
A Tale of Two Technologies

• Distributed Objects (CORBA)
  • Component oriented
  • Application Programming Interfaces

• Web Services (SOAP)
  • “Service oriented”
  • Application Layer Protocol interfaces
Distribution vs. Decentralization

- Managing inventory at multiple outlets
  - Enterprise Resource Planning ERP
- Merging with another retailer...
  - Enterprise Application Integration EAI
- Integrating directly with suppliers...
  - Exchanges, Trading Webs, Directories, ??
Panel Discussion

1. Are these different technologies?
   - Are protocols better than APIs? If so, how and why?
   - What, exactly, is a service? Why is it so hyped?

2. Are these different problems?
   - Is decentralization a genuine problem today? in the future?

3. How to choose the right hammer.
   - What features of each technology support decentralization?
   - Does it really matter which you choose, or it just a detail?