

# **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?