



# Organizational Communications and Distributed Object Technologies

## Lecture 7: Axis2

# Apache Axis2 (1)

- Since 2004 (a new Apache Axis).
- A core engine for web services.
- Compares with Microsoft Indigo.
- Runs under any J2EE server.
- Will include WS-Reliable Messaging (Sandesha2) WS-Coordination, WS-AtomicTransaction, WS-BusinessActivity (Kandula2), WS-Security (Rampart), WS-Addressing (out of the box).

# Apache Axis2 (2)

- Synchronous and Asynchronous web services.
- MEP (Message Exchange Patterns).
- Transport Independent core (SMTP, FTP, HTTP, MOM, etc.).
- WSDL 1.0 and 2.0.
- WSDL2Java and Java2WSDL.
- Supports queries for WSDL (using ?wsdl) schema (using ?xsd) and policies (using ?policy).
- Service Archive wizard for Eclipse.
- Code generation wizard for Eclipse.