XMLBlaster

Rokey

MOM (Message oriented Middleware)

- Mediator for messages (Broker)

- Asynchronous communication architecture

- Accessing to remote data through an internet or intranet

- Building applications with multiple servers and clients

- Decoupling of Client and Server

XMLBlaster

- Java based MOM server

- Supports:
  - Publish and Subscribe
  - PointToPoint

- XML-encoded meta information

What is XMLBlaster

- Content can be anything
  - images, Java objects, XML data, word document, plain text etc...

- Various communication protocols
  - Socket, CORBA (using JacORB), RMI, XmlRpc, HTTP or email
  - Implement your own plugins

- Subscribers use XPath expression to filter message

This project

- Experiment with XMLBlaster
- Comparing with other MOM

- Plan A
  - PC Host + Publisher
  - Android Subscriber
  - Socket

- Plan B (if possible)
  - Andoid Publisher + Subscriber
  - Other protocols (XMLRpc)

Progress so far...

- Ran XMLBlaster server on one PC

- Publisher/Subscriber on single machine

- Client on different machine

- XPath seems to work (in the demo)

- Only Sockets and XMLRpc work
  - SOAP is still under development

Next step...

- Move on from HelloWorld demos
  - Maybe a chat program?

- Move on from PC
  - To the Android we go

- What about other MOMs?
  - Reviews and comparisons

- Questions?