ICS 221: User Interface Software and Hypermedia

User Interface Software
Huge fraction of application code

User Interface Software Architecture
Smalltalk's MVC
Chiron project

Software Engineering and Relationship Management

The World Wide Web
HTTP
URIs

Open Hypermedia Systems
Chimera-1

WebDAV: Distributed Authoring and Versioning

Non-invasive linking of heterogeneous media types
Web of webs
Hyperwebs accessible via HTTP
XML protocol provides import/export
Scalable to 1M entities

The C2 Project
Message-based architectural style
Strong notions of components and connectors
Multiple implementation techniques
Dynamic architectures

The "Two-Way Web"
"Next Generation HTTP"
Distributed Applications
Peer-to-Peer Architectures

New Architectures for Internet Applications

11/13/01