



Introduction to Eclipse Communication Framework (ECF) DRAFT

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- **For Eclipse Users**

- **Integrated IM, Chat, File Sharing**
- **Dev Team Collaboration**
- **Open Server**

- **For Developers**

- **Open Comm APIs**
 - **Presence/IM, File Transfer, VOIP**
- **Extensible Framework for Integrated Tools**



Demo..IM

- **Buddy List**
- **IM**
- **File Transfer**
- **IRC Chat**
- **Chat Hyperlinking**
- **Chat/IM Bot**

Demo...Skype for VOIP



- **IM Features**
- **Calling**



Demo...HyperConnect

- **Embedding Links in Documents**
 - **Text**
 - **Source**
 - **Direct Connection with Author**

Demo...Contacts Searching



Demo...Team Collaboration



Demo...Generic Server



- **Starting as IApplication**

ECF For Developers



- **Open Extensible APIs**



ECF Container

- **Core ECF Interface: IContainer**
- **Represents session**
- **Adapters for API**

Demo...Getting and Using Presence API





Demo...Using Roster Info

- **Getting Info From Roster**
- **Adding Info to Roster**



Demo...Contacts View

- **Adding New Menu Item**
- **Contacts Drag and Drop**



ECF Extensibility

- **Extension Points and OSGI Services**
- **New providers (impl)**
 - **Yahoo, Skype, JMS, others (JXTA), etc.**
 - **Iadaptable**

Demo...New provider



- **Yahoo**

Demo...Service Discovery



- **Zeroconf**

Demo...RCP App



- **Sudoku**
 - **Integrated with Eclipse/ECF Buddy List**
 - **Separate App**

APIs



- **Datashare**
- **Presence/IM/Chat**
- **File Transfer**
- **Discovery**
- **VOIP**
- **Remote OSGi Services**

Interesting Integrations



- **Mylyn**
- **Corona**