<what are we talking about here?>
Akonadi Clients

Anything that uses Akonadi
Akonadi::AgentBase

Managed by Akonadi

Online/Offline support

Monitoring changes
Akonadi::ResourceBase

Interface to request data:

retrieveCollections()
retrieveItems( const Collection &col )
retrieveItem( const Item &item )
KFacebook (1)

- Facebook web service (REST-like)
- Read only interface (to drive web traffic)
- Most useful information intentionally inaccessible
- libkfacebook – library for communicating with Facebook web service
- Status, Friends list, groups, events, photo albums, ...
KFacebook (2)

• Akonadi
  – Addressbook resource exposes friends list
  – Calendar resource exposes events

• Plasma
  – Contact list + status updates (like KDE Twitter)
KFacebook (3)

- TODO (old and dusty)
  - Check that it still works
  - Extend for new Facebook API
  - Finish resources and port to new Akonadi API
  - Port applet to new Plasma API
<email threading>
<exchango>
OpenChange Resource

• Allows Akonadi clients to access Microsoft Exchange servers
  – Native Exchange RPC protocols
  – Mail
  – Appointments / Calendaring
  – Tasks, Notes, Journal...

• Alpha quality, aiming for KDE 4.2
Welcome to Windows Small Business Server 2003

From: TestUser1@Openchange.local <TestUser1@Openchange.local>
To: Test User1 <TestUser1@Openchange.local>
Attachments: ATT00006.gif, ATT00008.gif, ATT00003.gif, ATT00005.gif, ATT00004.gif, ATT00009.gif, ATT00007.gif

Your company installed Windows Small Business Server 2003 on your computer network. Windows Small Business Server provides software tools that help you work more productively, and communicate more effectively with co-workers and clients. Some or all of the following options are available. Click a link for more information:

- [http://SBS2003/clienthelp/default1.htm](http://SBS2003/clienthelp/default1.htm)  **Internal Web Site**
- [http://SBS2003/clienthelp/default1.htm](http://SBS2003/clienthelp/default1.htm)  Your company's new internal Web site allows you to share information, such as documents, photos, and events with your co-workers. Open [http://companyweb/default.aspx](http://companyweb/default.aspx) the internal Web site.

- [http://SBS2003/clienthelp/defaultD.htm](http://SBS2003/clienthelp/defaultD.htm)  **Shared Documents**
- [http://SBS2003/clienthelp/defaultD.htm](http://SBS2003/clienthelp/defaultD.htm)  Using document libraries on your company's internal Web site, you can share many types of content, such as documents, faxes, presentations, and proposals. Take a look [http://companyweb/_layouts/1033/viewlsts.aspx](http://companyweb/_layouts/1033/viewlsts.aspx) at your company's document libraries.
Calendering
More Calendaring

Appointment Test

**Time** 2008-08-20 - 2008-08-21

<<alien-web.gif>> <<New Text Document.txt>> This is a test appointment for akonadi development

**Organizer**
- Alan Alvarez

**Attendees**
- Alan Alvarez
- Administrator

2 attachments

*Creation date: 2008-07-30 21:08*
Implementation

● Makes use of:
  – KDE PIM Akonadi libraries
  – kdepimlibs
  – C++ wrapper over an OpenChange library...
  – ...which in turn uses some Samba4 libraries

● Future
  – Access over HTTP (“Outlook Anywhere”)
  – Free / busy, public folders
  – Offline Address Book
More Information

• Brad Hards (bradh@kde.org)
  – bradh on Freenode – try #openchange or #akonadi

• Alan Alvarez
  – clsk or klsc on Freenode

• http://www.openchange.org

• Source in KDE subversion repository
<plasmobiff>
<KPilot does Akonadi>
<IM-onadi>
Decibel and Akonadi

- Decibel is the KDE 4 realtime communications layer
- Kopete used KABC UIDs to relate IM contacts to addressbook entries for desktop integration
- Kopete is to be merged with Decibel
<bridges>