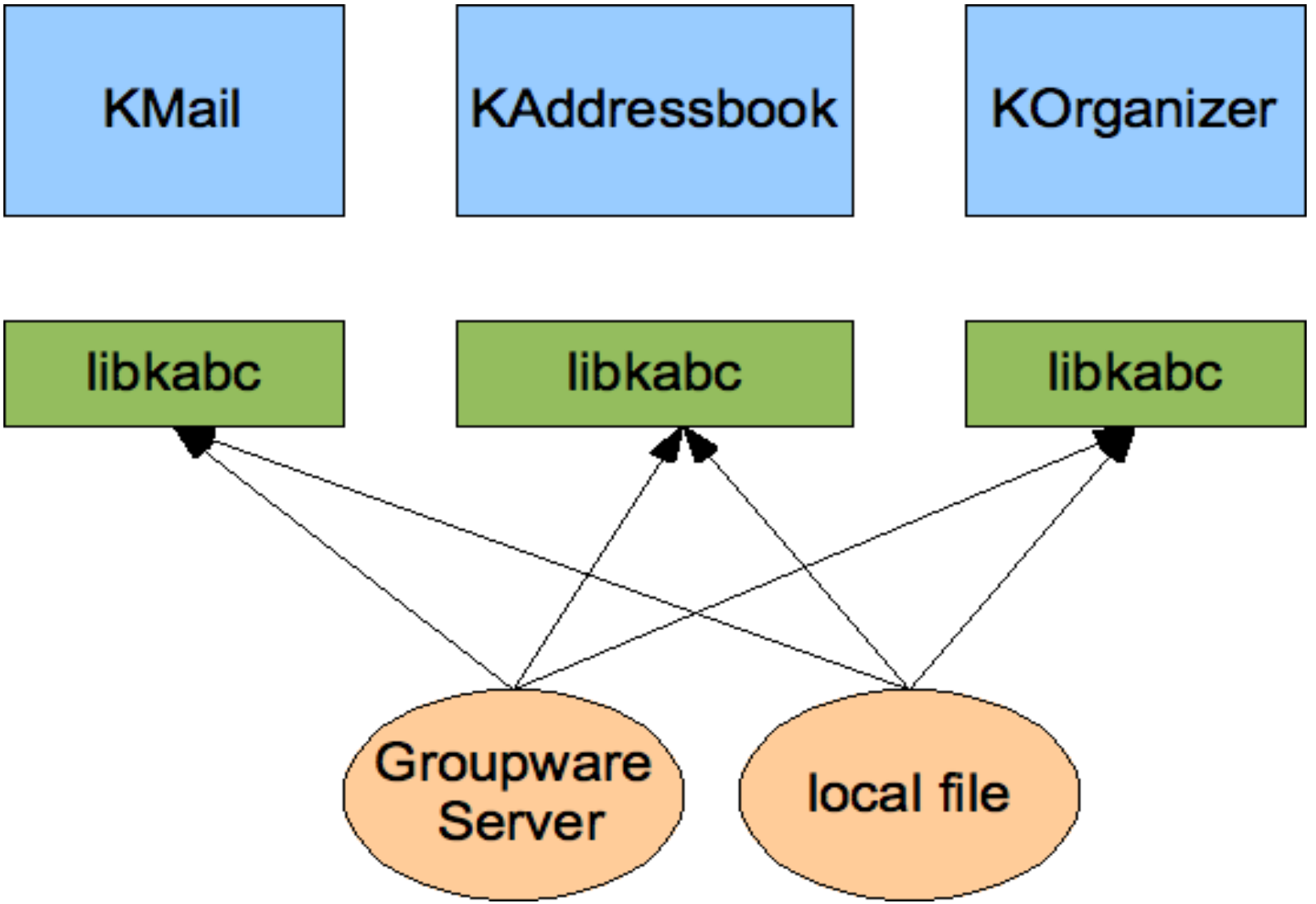
AKONADI

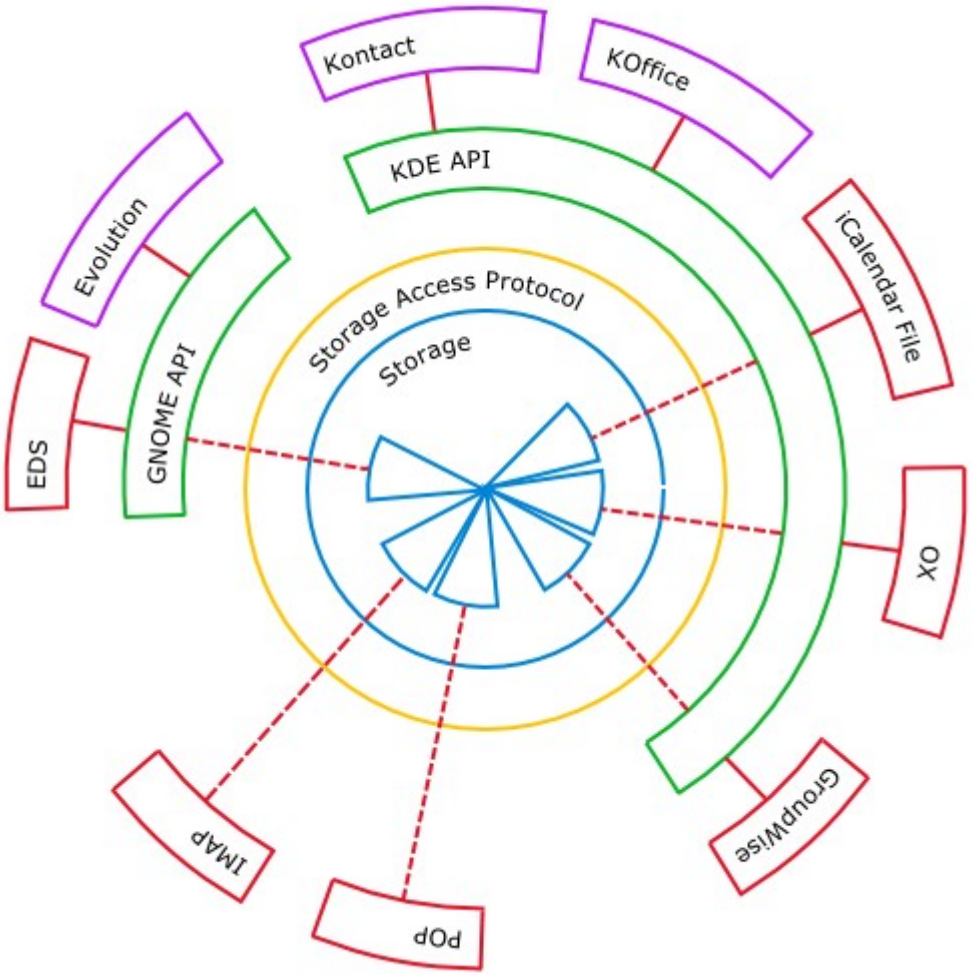
Remember when email was fun?

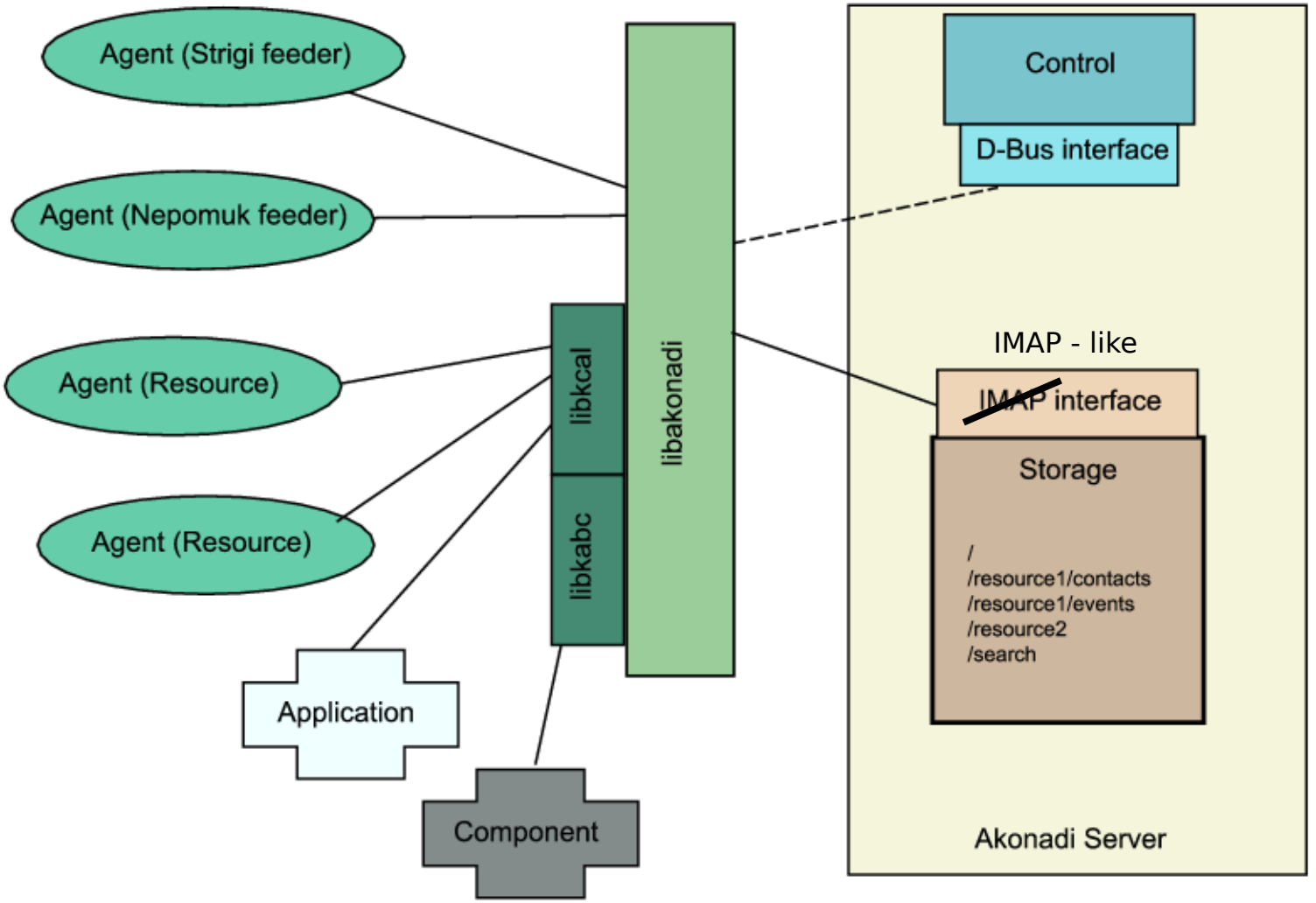
omg, there's so much stuff !!!

everyone wants to play with our toys


KMail
KAddressbook
KOrganizer
libkabc
libkabc
libkabc
Groupware Server
local file

wanna work
on KDEPIM?


Kontact
KOffice
KDE API
Evolution
iCalendar File
GNOME API
Storage Access Protocol
Storage
EDS
OX
IMAP
GroupWise
POP


Agent (Strigi feeder)
Agent (Nepomuk feeder)
Agent (Resource)
Agent (Resource)
Application
Component
libkcal
libkabc
libakonadi
Control
D-Bus interface
IMAP - like
IMAP interface
Storage
/
/resource1/contacts
/resource1/events
/resource2
/search
Akonadi Server

```
 def initialize(parent = nil)
    super(parent)
    @mainWindow = parent
    connect( @mainWindow,
SIGNAL(:threadCollection),
                    self, SLOT(:threadCollection) )

    layout = Qt::HBoxLayout.new(self)

    splitter = Qt::Splitter.new(Qt::Horizontal, self)
    layout.addWidget(splitter)
```

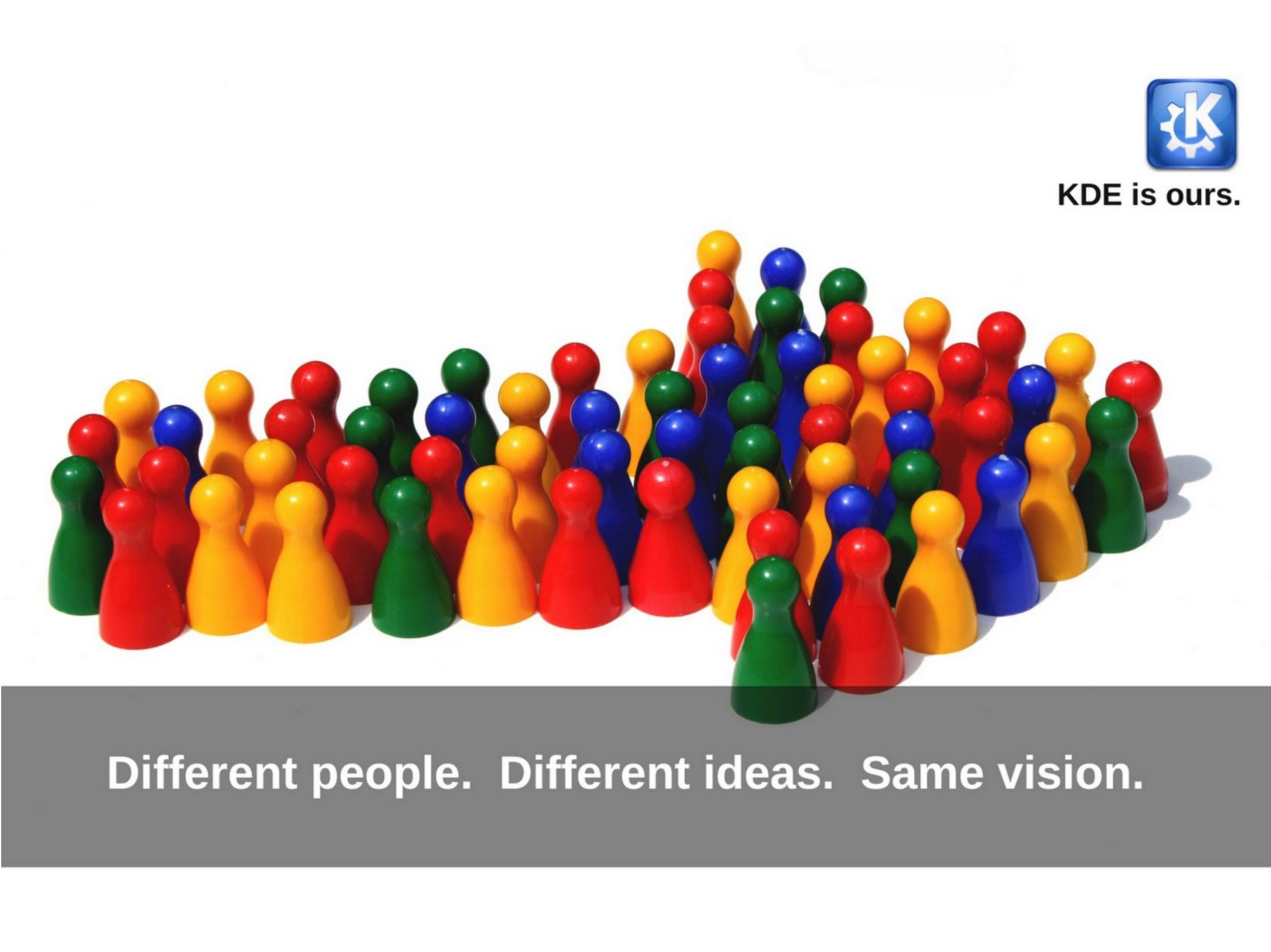
```
 # Left part, collection view
    @collectionList = Akonadi::CollectionView.new
    connect( @collectionList,
SIGNAL('clicked(Akonadi::Collection)'),
                SLOT('collectionClicked(Akonadi::Collection)') )
    collectionDelegate =
Akonadi::CollectionStatisticsDelegate.new(@collectionList)
    collectionDelegate.unreadCountShown = true
    @collectionList.itemDelegate = collectionDelegate
    splitter.addWidget(@collectionList)
    # Filter the collection to only show the emails
    @collectionModel =
Akonadi::CollectionStatisticsModel.new(self)
    @collectionProxyModel =

Akonadi::CollectionFilterProxyModel.new(self)
    @collectionProxyModel.sourceModel = @collectionModel

@collectionProxyModel.addMimeTypeFilter("message/rfc822")
```

```
# Right part, message list + message viewer
    @messageList = Qt::TreeView.new(self)
    @messageList.dragEnabled = true
    @messageList.selectionMode =
            Qt::AbstractItemView::ExtendedSelection
    connect(@messageList, SIGNAL('clicked(QModelIndex)'),
            SLOT('itemActivated(QModelIndex)'))
    rightSplitter.addWidget(@messageList)

    @collectionList.model = sortModel
    @messageModel = Akonadi::MessageModel.new(self)
    @messageProxyModel =
            Akonadi::MessageThreaderProxyModel.new(self)
    @messageProxyModel.sourceModel = @messageModel
    @messageList.model = @messageProxyModel
```


KDE is ours.
Different people. Different ideas. Same vision.