



People in KDE

Martin Klapetek
Vishesh Handa



KPeople

„semantic extension to contacts“



Metacontacts for all KDE apps!

with chocolate sprinkles on top





Address Book

The image shows a KDE Address Book window. On the left is a list of contacts, with 'Alex Fiestas' selected and highlighted in blue. On the right, the details for Alex Fiestas are displayed, including a profile picture, a green online status indicator, and sections for Emails, IM Accounts, Phones, Facebook Profile, and Recent Emails.

Contacts List:

- Alena Varkočková
- Alena Varkočková
- Alessandro Polvani
- Alessandro Polvani
- Alessia Albini
- Alessia Albini
- Alex Fiestas**
- Aleš Písařovic
- Alin Marin Elena
- Allen Winter
- Allen Winter
- Alvaro Soliveréz

Alex Fiestas Details:

Emails
afiestaso@gmail.com
afiestas@kde.org

IM Accounts
GTalk
Facebook Chat

Phones
+346516200

Facebook Profile
Last Post
No tenemos reloj por eso no hemos podido calcular el tiempo #excusasSER
[Open Facebook profile...](#)

Recent Emails

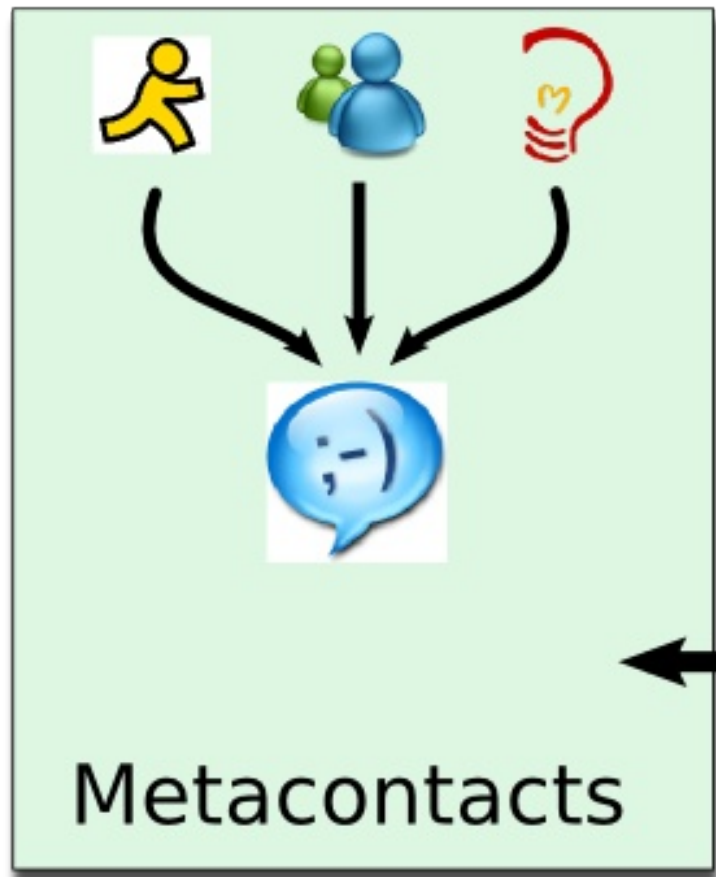
- Adapting to the filtered pinned contac...
- [telepathy] [Bug 315044] chat plasm...
- Re: ktp text editor gsoc
- KDE Developer Experience
- Re: Akademy 2013 - Join the team!
- Re: Re: Releasing Homerun
- crash in ktp while authenticating

KDE 3 days

Powered by Kopete
& KIMProxy



KDE 3 days



Instant Messaging

associated with



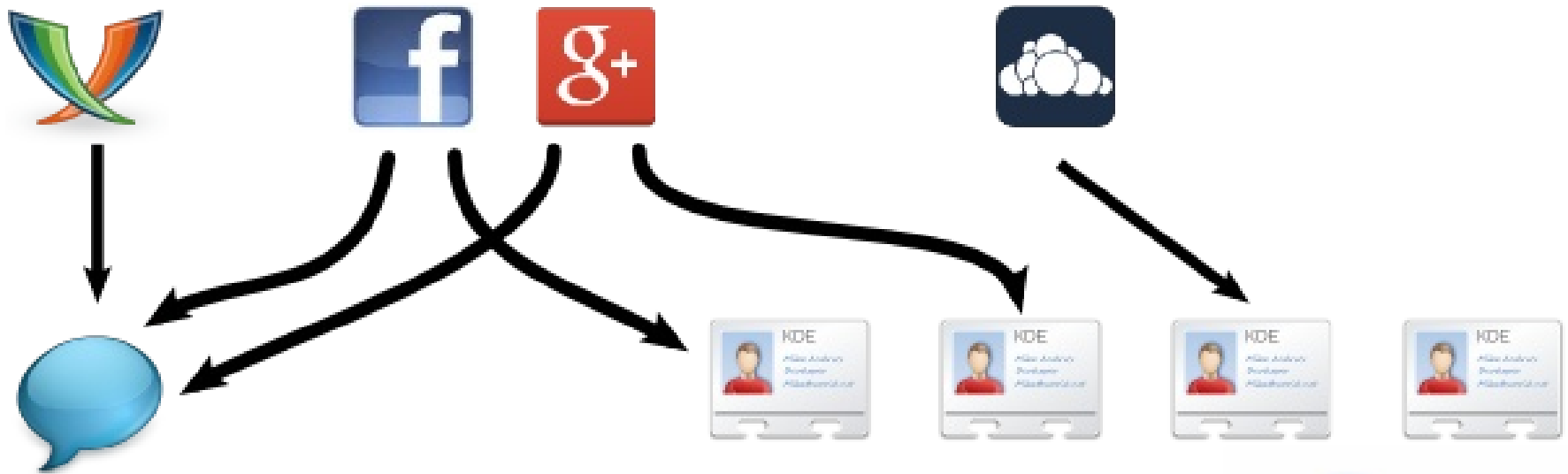
Address Book

KDE 3 days

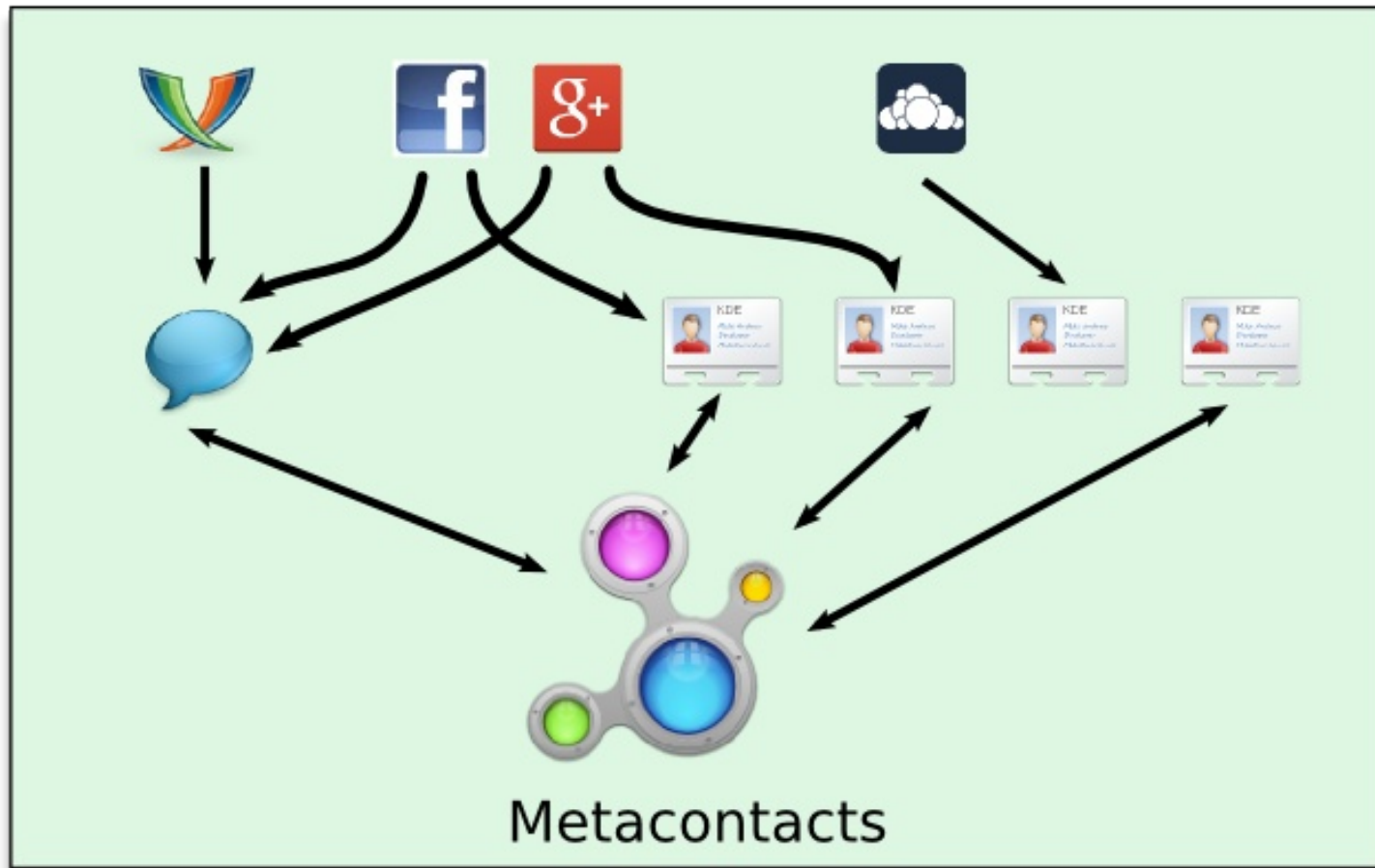
Wouldn't work today, because we have multiple contact sources (Google, ownCloud, Facebook...)



Modern days



KPeople days



Instant Messaging

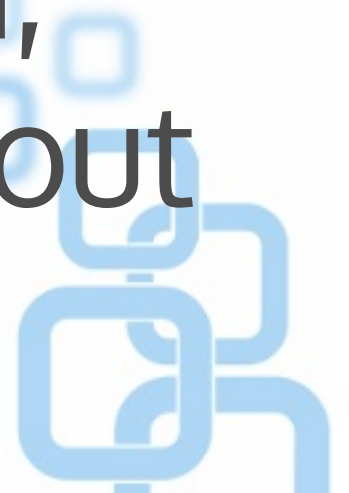
Address Books



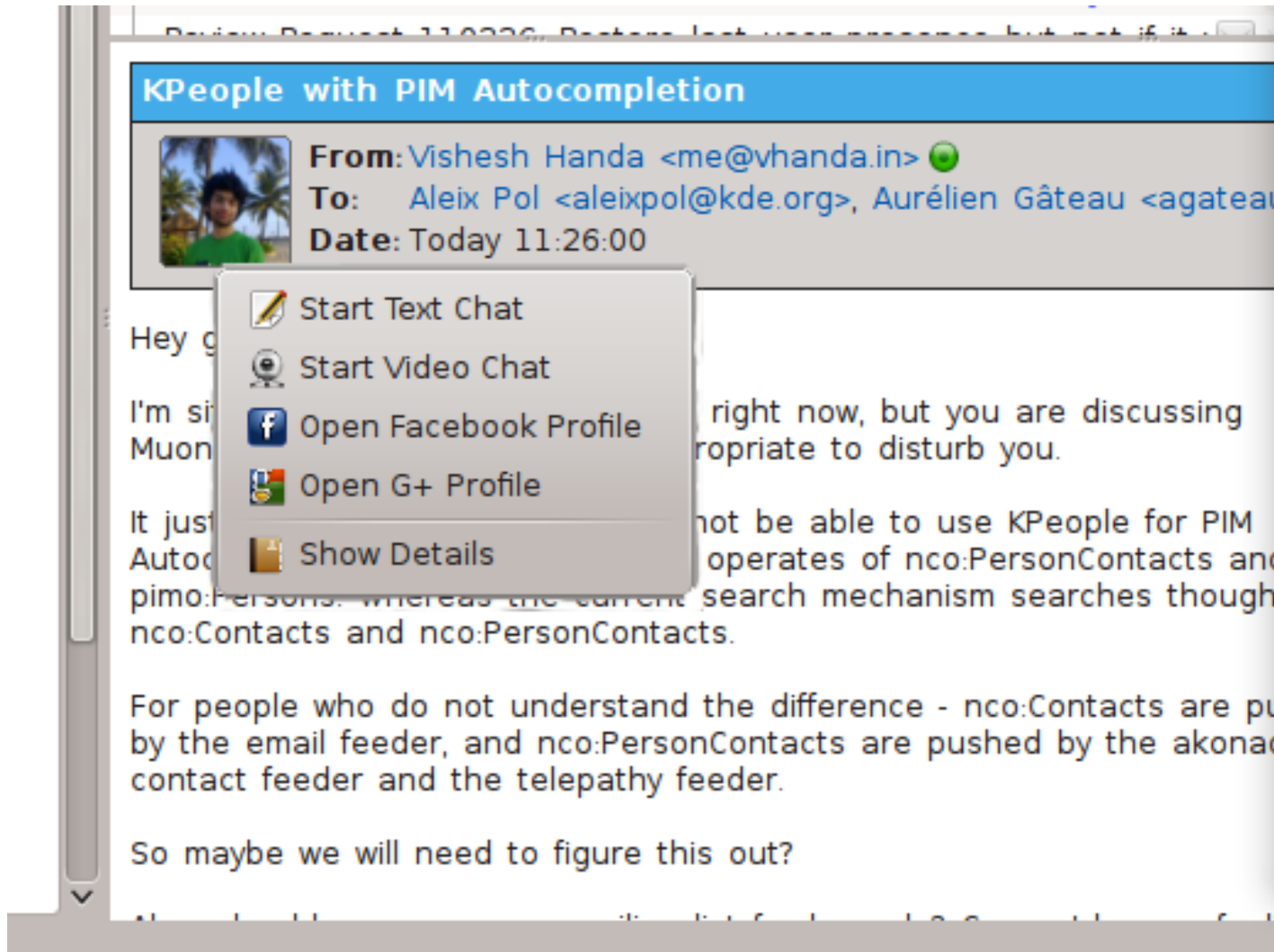
KPeople days

Not a single app
domain anymore

Everything can feed in,
everything can get data out



KMail



KPeople

Library wrapping around
Nepomuk data



KPeople

Provides

- flexible contacts model
- specific contact details
- ready to use widgets
- invokable actions



Architecture

aka „how it all works“



Architecture

Contacts source → feeder + SDO
→ Nepomuk → KPeople → app



KPeople details



PersonsModel

- main model
- only fetches what's needed
- extensible with plugins for „outside data“



PersonsModel „Features“

```
QList<PersonsModelFeature> fs;
```

```
fs << PersonsModelFeature::emailModelFeature(true)  
    << PersonsModelFeature::avatarModelFeature(true)  
    << PersonsModelFeature::imModelFeature(false);
```

```
model->startQuery(fs);
```



PersonData

- fetches ALL information on a single contact
- loaded by id or URI
- nice and simple API



Address Book

The image shows a KDE Address Book window. On the left is a list of contacts, with 'Alex Fiestas' selected and highlighted in blue. On the right, the details for Alex Fiestas are displayed, including a profile picture, a green online status indicator, and sections for Emails, IM Accounts, Phones, Facebook Profile, and Recent Emails.

Contacts List:

- Alena Varkočková
- Alena Varkočková
- Alessandro Polvani
- Alessandro Polvani
- Alessia Albini
- Alessia Albini
- Alex Fiestas**
- Aleš Písařovic
- Alin Marin Elena
- Allen Winter
- Allen Winter
- Alvaro Soliveréz

Alex Fiestas Details:

Profile: Alex Fiestas (Online)

Emails:
afiestaso@gmail.com
afiestas@kde.org

IM Accounts:
GTalk
Facebook Chat

Phones:
+346516200

Facebook Profile:
Last Post
No tenemos reloj por eso no hemos podido calcular el tiempo #excusasSER
[Open Facebook profile...](#)

Recent Emails:

- Adapting to the filtered pinned contac...
- [telepathy] [Bug 315044] chat plasm...
- Re: ktp text editor gsoc
- KDE Developer Experience
- Re: Akademy 2013 - Join the team!
- Re: Re: Releasing Homerun
- crash in ktp while authenticating

Current state

- stable API
- usable from QML
- set out to be released with KDE Telepathy 0.7
- `git clone kde:libkpeople`



The future

- PIM integration (KMail etc)
- New Address Book
- Open to be extensible
in any way
- ???
- Profit



Questions?

