

Planning about Collaboration

Guillaume Desmottes

(`guillaume.desmottes@collabora.co.uk`)

Collabora Ltd. (`www.collabora.co.uk`)

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Plan

About Me

Gadget

Better Telepathy integration

New Telepathy features

Kill PS

Plans

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Collabora 

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Go Go Gadget!

- ▶ XMPP Server side component
- ▶ No more shared roster
- ▶ Query Gadget for buddies and activities

How it works?

- ▶ *User makes him searchable by Gadget*
- ▶ *"Give me 30 buddies called 'Alex'"*
- ▶ *"Give me 20 shared instances of the Write activity"*
- ▶ *"Give me 50 random buddies"*

How it works?

- ▶ Gabble API to perform searches
- ▶ Extensible D-Bus API and XMPP protocol
- ▶ Search results → Views
- ▶ Views are updated
- ▶ Online friends are always available

Sugar Gadget integration

- ▶ Gadget 0.2
- ▶ Available with Sucrose 0.83.1
- ▶ Populate mesh view
- ▶ No PS API!
- ▶ Need recent versions of Telepathy

Gadget TODO

- ▶ RPM package
- ▶ XS integration
- ▶ Search GUI
- ▶ **Testing**

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Be a good Telepathy citizen

- ▶ Act like a real client
- ▶ GUI to accept/decline subscription requests (#8841)
- ▶ GUI to add buddies from their ID (#8841)
- ▶ Don't ignore non sugar contacts

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 - ▶ GUI to accept/decline subscription requests (#8841)
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- Be able to use a normal XMPP account

Be a good Telepathy citizen

- ▶ Act like a real client
 - ▶ GUI to accept/decline subscription requests (#8841)
 - ▶ GUI to add buddies from their ID (#8841)
 - ▶ Don't ignore non sugar contacts
- Be able to use a normal XMPP account
- Or any other protocol!

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Cool stuff coming

- ▶ Avatars
- ▶ File Transfer
- ▶ P2P Stream tubes (S5B)

and more soon!

- ▶ Stream tubes NAT traversal (Jingle)
- ▶ Multi users audio/video chat (Mingle)
- ▶ Farsight 2
- ▶ GeoLocation
- ▶ ...

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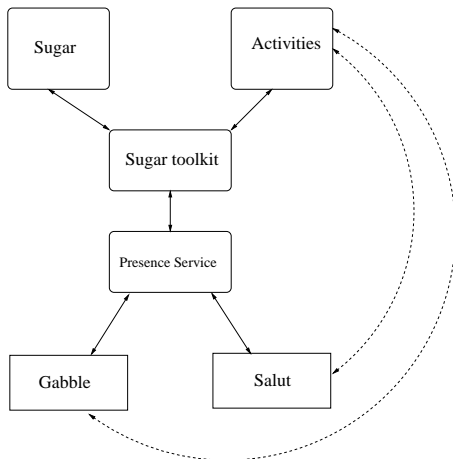
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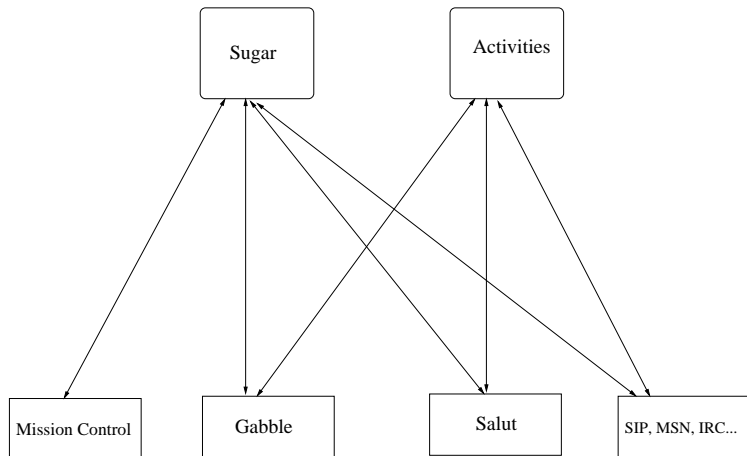
Presence Service MUST Die!



Presence Service MUST Die!

- ▶ Sugar specific
- ▶ Extra layer
- ▶ Unmaintainable
- ▶ Abstract an abstraction

Presence Service MUST Die!



Advantages

- ▶ Behave like a real Telepathy client
- ▶ Use Less memory
- ▶ Less D-Bus traffic
- ▶ Be able to easily use other CM
- ▶ More code shared
- ▶ Easier to integrate new Telepathy features

Mission Control

- ▶ API Manage accounts
- ▶ Flexible Channel dispatching system
- ▶ Automatically set avatars, capabilities...
- ▶ Could re-use user's existing IM accounts

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- ▶ Bring long-awaited Telepathy features as File Transfer and P2P tubes
- ▶ Act like a real Telepathy client
- ▶ Kill Presence Service

TODO and open questions

- ▶ Gadget search GUI
- ▶ Subscription GUI
- ▶ How to deal with multi connections?
- ▶ Activity embedded text chat
- ▶ File Transfer GUI