Planning about Collaboration

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Plan

About Me

Gadget

Better Telepathy integration

New Telepathy features

Kill PS

Plans
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Plans
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
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Sugar Gadget integration

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

Gadget TODO

- RPM package
- XS integration
- Search GUI
- Testing
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Better Telepathy integration

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 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
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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- New Telepathy features

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Cool stuff coming

- Avatars
- File Transfer
- P2P Stream tubes (S5B)
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New Telepathy features

and more soon!

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

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Presence Service MUST Die!

- Sugar
- Activities
- Sugar toolkit
- Presence Service
- Gabble
- Salut
Presence Service MUST Die!

- Sugar specific
- Extra layer
- Unmaintainable
- Abstract an abstraction
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Kill PS

Presence Service MUST Die!

- Mission Control
- Gabble
- Salut
- SIP, MSN, IRC...
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
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TODO and open questions

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