

# Telepathy Skykit

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World of Tanks developer

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# Instant Messaging in Linux

# Instant Messaging in Linux SUCKS

# Facebook Web UI



# Facebook Web UI



- ▶ no audio
- ▶ no video
- ▶ no groups
- ▶ facebook accounts only

# Google Talk Web UI

ALI BaBa RKR

0

+ Share

Start a hangout

ALI baba

Chat with...

Abdul Wahab Kath

Ahmed Altakroui

Haris Nadeem

HuMaYuN BaBaR

Kaan Karaca

Kamal Faridi

Muhammad Adnan

Sameer Nisar

Shayan Haq

Shoukat Dharani

Xhahbez Khan

John Selby

IDING ON GOOGLE+

licki Minaj

newgoogleplus

he Hunger Games

ritney Spears

whitespace

WANT TO KNOW

Mohammad Asid

ALI (Asid Learning Inn)

Add

Amir Nasiruddin S...

Arpatech Pvt Ltd

Add

yasir hussain

Jinnah college

Shayan Haq

You are now off the record

[Learn more](#)

This is your first chat with Shayan Haq.

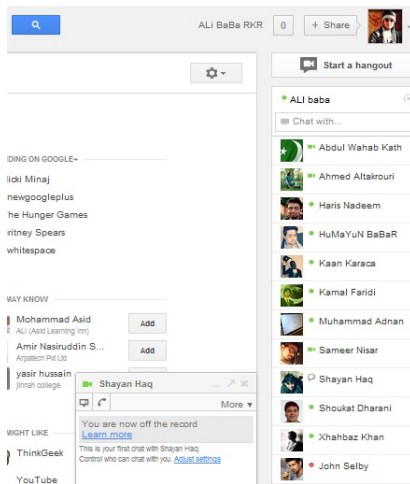
Control who can chat with you: [Adjust settings](#)

MIGHT LIKE

ThinkGeek

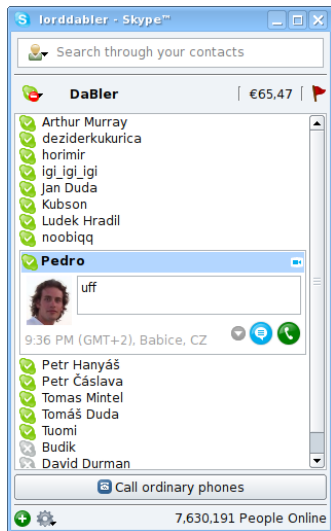
YouTube

# Google Talk Web UI

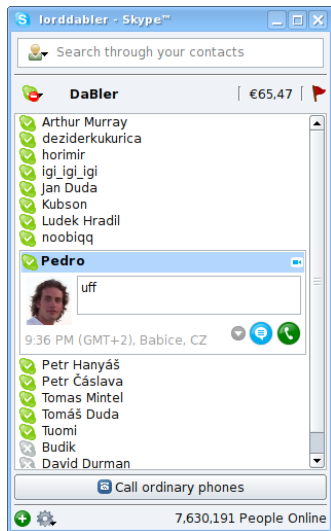


► google accounts only

# Skype

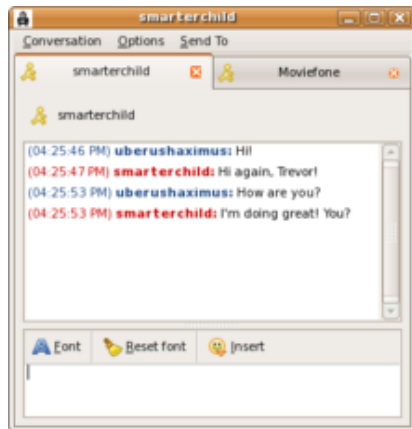


# Skype

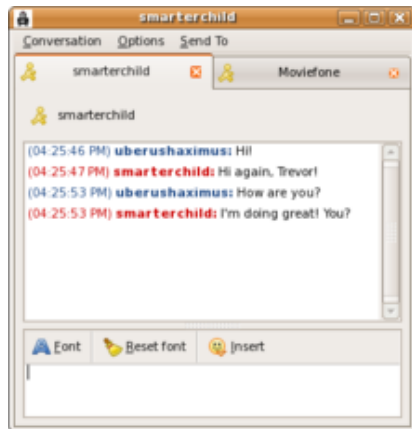


- ▶ awful L&F
- ▶ no PIM/DE integration
- ▶ x86-desktop only on Linux

# Pidgin



# Pidgin



- ▶ no audio
- ▶ no video
- ▶ no PIM/DE integration

## Cool Example:

- ▶ audio
- ▶ video
- ▶ PIM/DE integration
- ▶ multiple protocols
- ▶ touch interface

# Cool Example: n900



- ▶ audio
- ▶ video
- ▶ PIM/DE integration
- ▶ multiple protocols
- ▶ touch interface



# Telepathy

# The Unix Way

Do one thing and do it well

- ▶ Instant Messaging

# The Unix Way

Do two things and do it well

▶ User Interface

▶ Protocol

# The Unix Way

Do six things and do it well

- ▶ Contact List
- ▶ Chat
- ▶ Logging
- ▶ AIM
- ▶ MSN
- ▶ XMPP

# The Unix Way

Do twelve things and do it well?

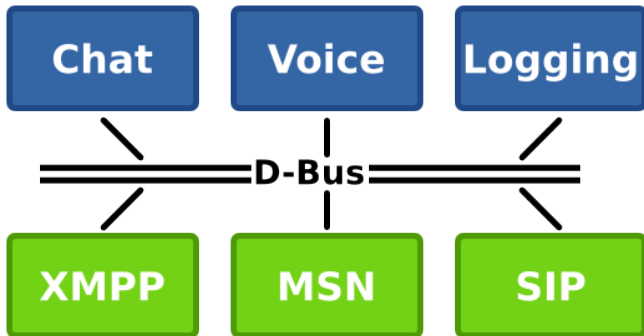
- ▶ Contact List
- ▶ Chat
- ▶ Logging
- ▶ File Transfer
- ▶ Voice Call
- ▶ Tubes
- ▶ AIM
- ▶ MSN
- ▶ XMPP
- ▶ SIP
- ▶ ICQ
- ▶ IRC

# Telepathy Architecture

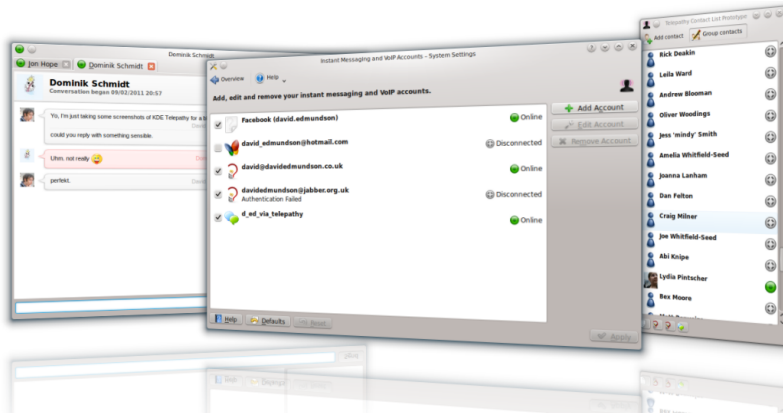
- ▶ move away from the monolithic client
- ▶ split stuff into separate processes
- ▶ run protocols as services
- ▶ create a standard DBUS API

# Telepathy Architecture

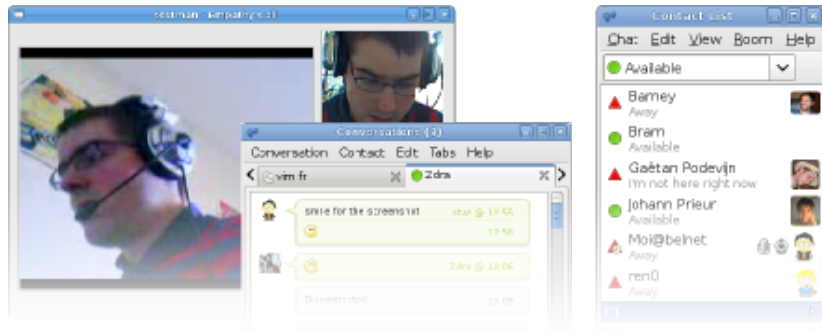
- ▶ move away from the monolithic client
- ▶ split stuff into separate processes
- ▶ run protocols as services
- ▶ create a standard DBUS API



# KDE Telepathy



# Empathy



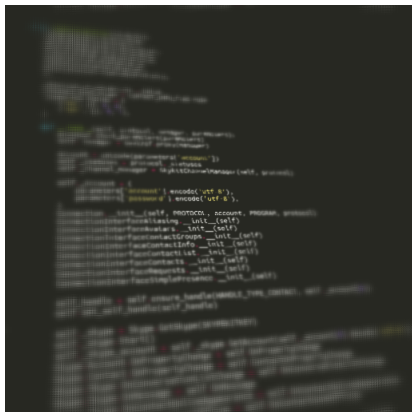


# Skypekit



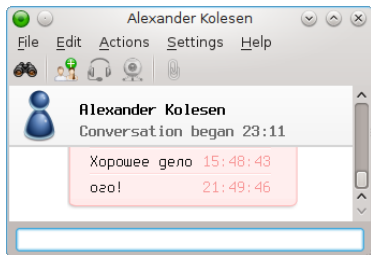
- ▶ headless version of Skype
- ▶ different OS
- ▶ different arches for Linux
- ▶ audio, video, ...
- ▶ not free (\$5 for developer license)

# Telepathy Skykit

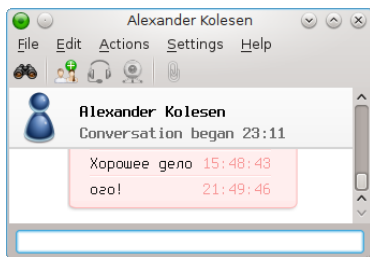


- ▶ protocol service
- ▶ connection manager
- ▶ telepathy based
- ▶ skypekit based
- ▶ python
- ▶ telepathy-python
- ▶ open source
- ▶ no license (now)

# Telepathy Skykit



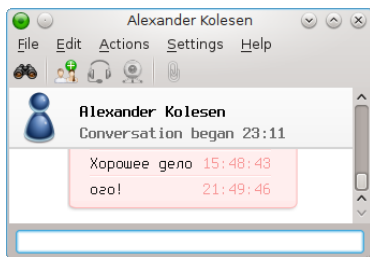
# Telepathy Skykit



## Supports

- ▶ presence
- ▶ contact list
- ▶ 1:1 chat
- ▶ avatar
- ▶ vcard

# Telepathy Skykit



## Supports

- ▶ presence
- ▶ contact list
- ▶ 1:1 chat
- ▶ avatar
- ▶ vcard

## Future plans

- ▶ MUC
- ▶ file transfer
- ▶ audio
- ▶ video
- ▶ ...

# More Info

- ▶ Maksim Melnikau (max\_posedon)
- ▶ email: maxposedon@gmail.com
- ▶ <https://github.com/max-posedon/telepathy-skykit>
- ▶ <https://github.com/max-posedon/telepathy-python>
- ▶ <http://telepathy.freedesktop.org/wiki/>
- ▶ <https://dev.skype.com/skypekit>
- ▶ <https://github.com/max-posedon/talk-telepathy-skykit>