

QMF Plugins for VKontakte and Facebook Networks

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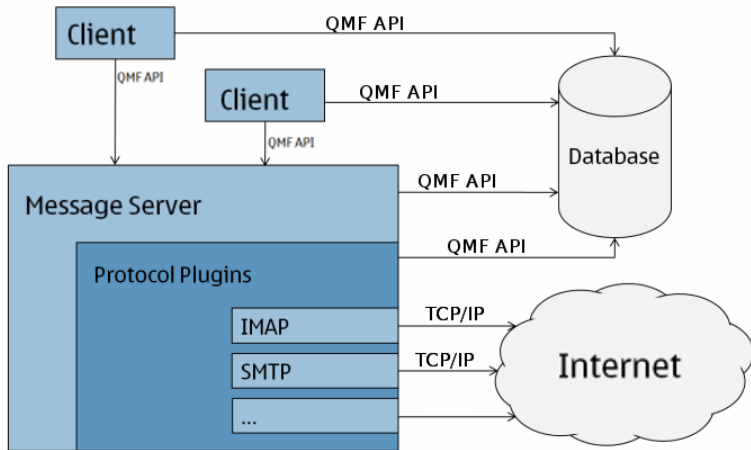
8th FRUCT conference, November 09–12, Lappeenranta, Finland

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QMF Architecture



Standard mail application

The screenshot shows a mail application window with the following components:

- Menu Bar:** File, Help
- Toolbar:** New, Synchronize, Search, Account settings, Reply, Forward, Move to Trash
- Folder List (Left):**
 - Inbox (112/159)
 - facebook (2/7)
 - Inbox (2/7)
 - Sent (10)
 - imap (110/152)
 - INBOX (15/20)
 - Drafts (1)
 - Maemo-dev (20/20)
 - MeeGo-il10n (19/20)
 - Trash (11)
 - cs (1/20)
 - meeego-pa... (20/20)
 - sent-mail (17/20)
 - spam (18/19)
 - Outbox
 - Drafts
 - Sent (10)
 - Junk
 - Trash (1)
- Search Bar:** Search: [] Status: Any Status
- Email List Table:**

Subject	Addressee	Date	Size
STEP-By-STEP How to ...	Joseph W S Raphael <164740...>	29/10/10 1:40:...	173 byte(s)
[MeeGo-announce] M...	"Foster, Dawn M" <dawn.m.f...>	29/10/10 1:11:...	5.2 KB
Update! MeeGo1.1 Scr...	Jon Jack Peter <1817351029...>	29/10/10 12:1...	361 byte(s)
MeeGo 1.1 Released f...	Jon Jack Peter <1817351029...>	28/10/10 7:02:...	311 byte(s)
[MeeGo-il10n] Sendin...	Sérgio Marques <smarquesp...>	28/10/10 2:10:...	6.6 KB
- Email Content (Selected):**

[MeeGo-announce] MeeGo 1.1 Release

From: ["Foster, Dawn M" <dawn.m.foster@intel.com>](mailto:dawn.m.foster@intel.com)

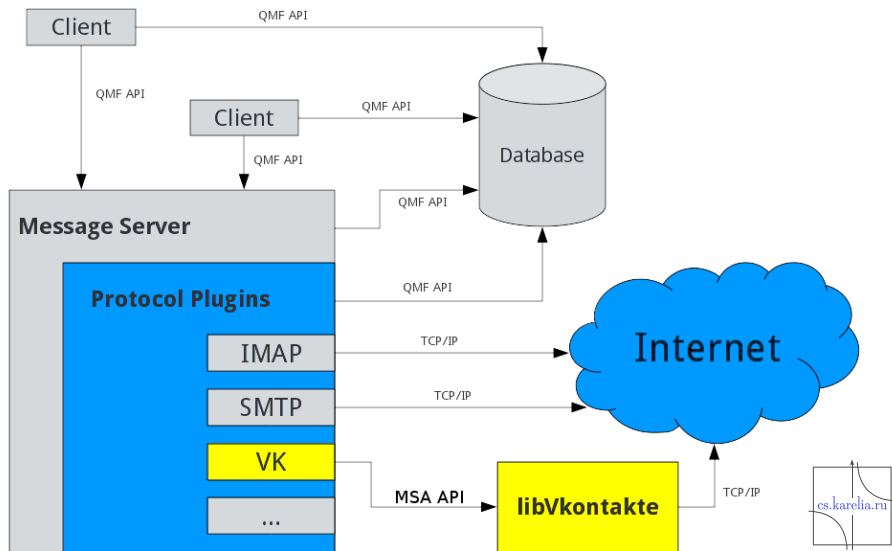
To: ["meego-announce@meego.com" <meego-announce@meego.com>](mailto:meego-announce@meego.com)

Reply-To: meego-dev@meego.com

Date: 29/10/10 1:11:24 am

Today we are announcing the project release of MeeGo 1.1. It provides a solid baseline for device vendors and developers to start creating software for various device categories on Intel Atom* and ARMv7 architectures.
- Footer:** cs.karelia.ru logo

Place of plugin



Reasons of using

- Access to data from social networks through the standard mail client
- All the functions that available in QMF mail client
- Low data traffic without advertizing
- No attacks through web browser
- Available on many platforms:
PC Linux, Maemo, Meego



Available functions

QMF-Vkontakte:

- Receiving inbox/sent messages
- Sending messages
- Deleting and marking as read

QMF-Facebook:

- Receiving inbox/sent messages



Testing

■ Test execution: Testrunner-lite

- ▶ console test execution tool
- ▶ test plan is defined in xml file

■ Test implementation: QTestLib

- ▶ framework, provided by Nokia, intended for unit testing Qt based applications and libraries

Plugin	Tests	Test cases
Qmf-Vkontakte	29	40
Qmf-Facebook	29	39



Code metrics

Two branches code of a project:

QMF-vkontakte:

Language	Comments	LOC
C++	477	2432
C++ Header	196	473
Total	673	2905

QMF-facebook:

Language	Comments	LOC
C++	487	2569
C++ Header	196	491
Total	683	3060



Timeline

- **May 2010:** Initialization of the project
- **August 2010:** Release of plugin for Vkontakte
- **September 2010:** Move to Qt 4.7
- **October 2010:** New version of libvkontakte (new API)
- **November 2010:** Preview of plugin for Facebook
- **Winter 2010/11:** Support for reading messages from walls



Our Plans

- Plugins for new services provided by the MySocials project
- Single plugin for all social services: QMF-Socials
- Sending private messages to Facebook users
- Add access to messages and media from "walls"
- A small desktop widget based on QMF API



Current state:

α -releases, testing&debugging, adding new features, maintaining Maemo 5 / Fremantle packages of QMF.

- MySocials project wiki:

`http://oss.fruct.org/wiki/MySocials`

- Open source: `http://gitorious.org/mysocials`

- Repository: `https://build.opensuse.org/project/show?project=home:MySocials`

- Extras-devel:

`http://maemo.org/packages/view/qmf-vkontakte`

Please, send your comments to

`maemo-mysocials@cs.karelia.ru`

and bugs to `http://oss.fruct.org/bugzilla/`

Thank you for your attention

