

# A Maemo Client for Social Network Services with Cross-Profile Features

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# Overview

Social networks become more essential to their users. But interacting with number of services is complicated - users do not have a single mailbox for messages on different services, they do not have a single friend list.



## Overview

The project aims at developing an application for the Maemo platform. Cross-profile features of popular among Russian users services let user:

- combine one person's profiles in a single contact
- keep messages from different services in a single mailbox
- create groups of friends from both VKontakte and MySpace
- forward messages received from VKontakte to MySpace users



# Project

Our project is a part of the course software engineering. Because the process of development has a time limit, our team had to exclude a lot of ideas, such as ratings in contact list, conversations instead of a mailbox, etc.

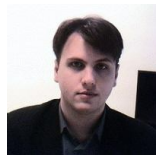
## Timing

- Spring: Requirements specification. Design of the application. Constructing test scenarios, coding, testing, debugging.
- Summer 2009: Project improvements. More experiments.
- Autumn 2009: Publishing the code in the MAEMO garage. Project report for FRUCT seminar. Decision on continuation of the project.



# Developers

Project team includes project instructor and five developers, each developer has his own responsibilities.



**Alexander Borodin**  
project leader and instructor



**Andrey Bogachev**  
user interface designer

**Ilia Burlak**  
design manager

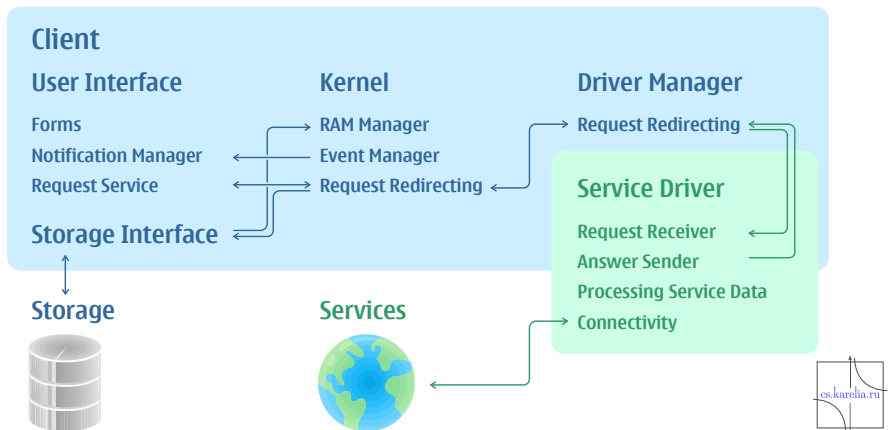
**Sergey Zakharov**  
quality manager

**Mikhail Kriulya**  
requirements specification  
manager

**Alexander Lomov**  
development manager



# Data flows



# Accounts

User interface provides:

- setup accounts: login information
- set options for each service: auto-login, auto-update time

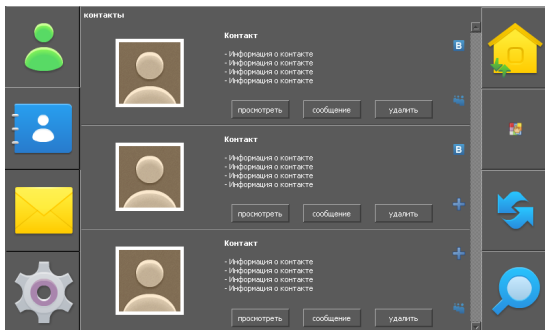
User has an ability to auto-fill information from profile on one service in profile on another service.





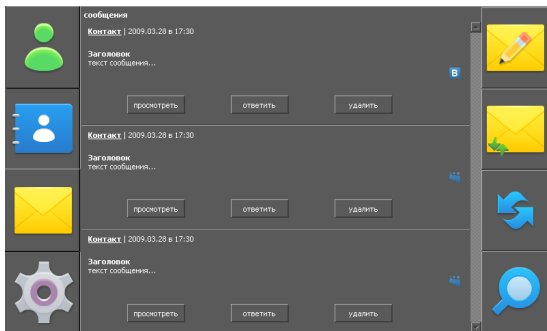
# Contacts

- combine contacts from different services in one contact list
- unite a person's profiles in one contact
- sort by name, rating, groups
- view profiles
- add and remove contacts



# Messages

- combine messages from different services in one inbox
- view a message
- write and reply messages
- find a message
- remove a message



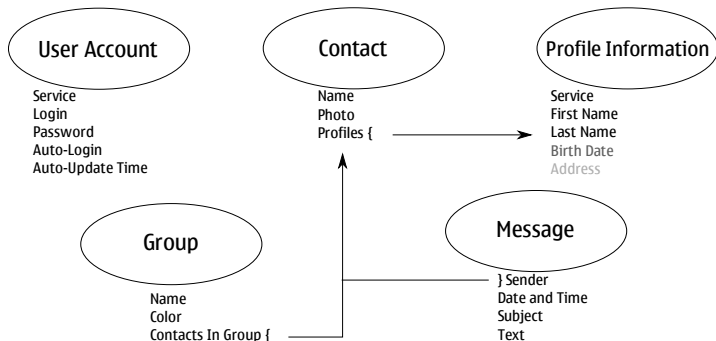
# RDF

The Resource Description Framework (RDF) is a language for representing information about resources in the World Wide Web. Client works with defined RDF vocabularies based on Friend Of A Friend (FOAF) and other vocabularies (ontology describing persons and information in social networks).



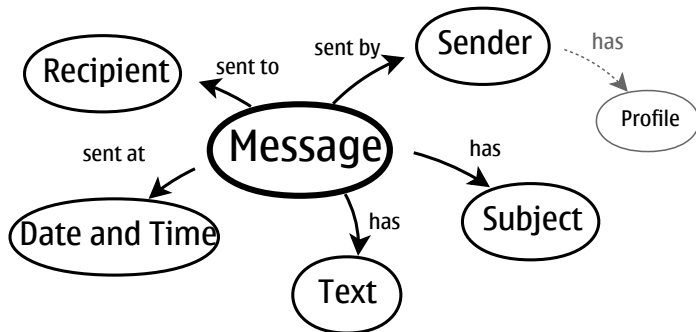
# Ontology

The project incorporates the use of OWL (Web Ontology Language) for representation of relations between entities of social networks:



# Ontology

## Message entity



# State of the Art

At this time our team developed:

- Requirements specification
- Ontology
- Basic User Interface forms

Current project state:

- Coding

Project Wiki:

<http://maemo.cs.karelia.ru/wiki/Maemo-VKontakte>



# Thank You For Your Attention

