

# A Cross-Blog Client for the Maemo Platform

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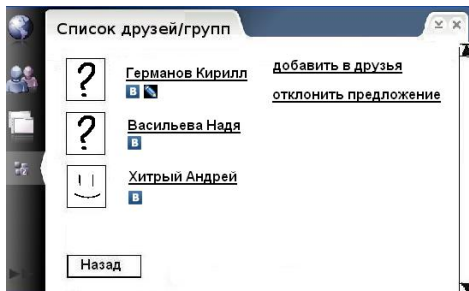
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# Scribo: Main Features

- Retrieve information from different services: vkontakte.ru and livejournal.com will be supported first.
- View and edit user profiles and make blog postings.
- Create a so-called distributed blog that combines postings from several blogs.
- Combine friend relations and groups from the services.



# Timing and Deliverables

- 02.09 Meeting with instructor, Analysis of existing web-services in direction «social web». Project plan. equirement modeling and specification.
- 03.09–04.09 Design of the application. User interface. Constructing test scenarios. Interface subsystem. User guide. Coding, testing.
- 05.09 Testing, debugging. Attestation. Final presentation.
- Summer '09 (optionally) Experimenting.
- Autumn '09 (optionally) Publishing the code in the MAEMO garage. Project report paper for FRUCT seminar. Decision on continuation of the project.



# Project Team



Nadezhda Vasiljeva, 3<sup>rd</sup> year student, developer, project secretary



Kirill Germanov, 4<sup>th</sup> year student, developer responsible for testing



Diana Zaiceva, 3<sup>rd</sup> year student, developer responsible for researching blog services and the needs of blog users;



Artem Mezhenin, 3<sup>rd</sup> year student, developer responsible for coding and design

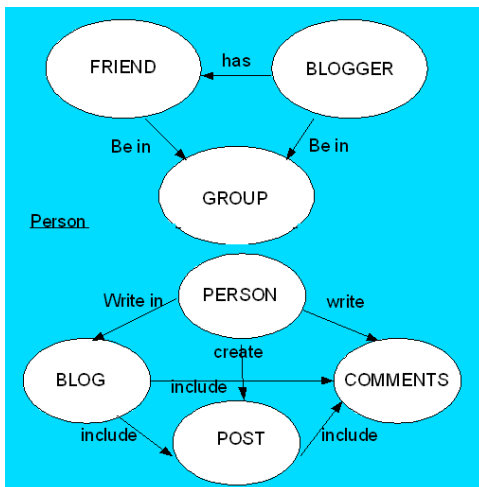


Andrei Khitryy, 1<sup>st</sup> year student, developer responsible for coding



**Instructors:** Mikhail Kryshen, Alexander Kolosov.

# Problem Domain

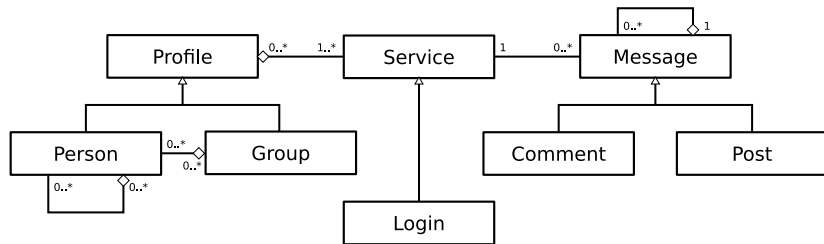


Main terms:

- Blogger
- Friend
- Group
- Post
- Comments



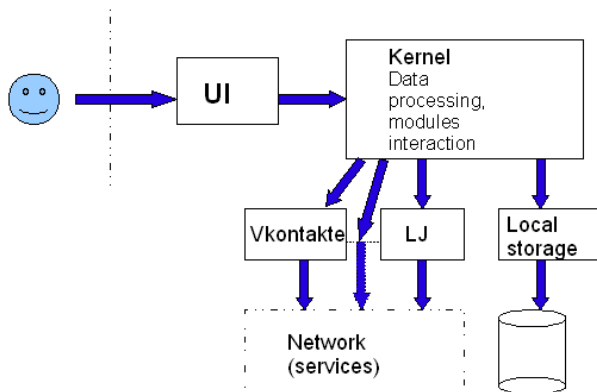
# Object Model



- Friend relations and groups.
- User profile combines data from the user accounts on different services.
- Tree of messages.



# Architecture



Basic modules and relations between them.





# Distributed Blogs

Click on «New Comments»

Click on topic

Write comment

Settings of repeating

- Create, edit and read posts just like they are in one blog, despite they are from different blogs.
- Cross-post to all blog services.
- Read cross-blog discussions.



# Working with the lists of friends and groups.

Click on "Friends"

Click on friend's name  
Click on "Add friend"

Click on "Add friend"

Back

- View the list of friends (groups) from different services as a single combined list.
- Read the information about friends (nick, age, places, etc), their posts and comments.
- Add or delete friends, invite users into groups.



# Used technologies

- XML
- RDF (FOAF)
- RSS
- JSON

```

<foaf:Person>
  <foaf:nick>kavabun9a</foaf:nick>
  <foaf:name>kavabun9a</foaf:name>
  <foaf:openid rdf:resource="..." />
  <ya:country dc:title="RU" rdf:resource="..." />
  <ya:city dc:title="..." rdf:resource="..." />
  <foaf:page>
    <foaf:Document rdf:about="...">
      <dc:title>LiveJournal.com Profile</dc:title>
      <dc:description>Full LiveJournal.com profile, including
        information such as interests and bio.</dc:description>
    </foaf:Document>
  </foaf:page>
  <ya:blogActivity>
    <ya:Posts>
      <ya:feed rdf:resource="..." dc:type="application/rss+xml" />
      <ya:posted>2</ya:posted>
    </ya:Posts>
  </ya:blogActivity>
  <foaf:weblog rdf:resource="..." />
  <ya:school rdf:resource="..." ya:dateStart="2006"
    dc:title="Петрозаводский государственный университет" />
</foaf:Person>

```



## Current state of project.

- Now, the project is done and the project is in state of coding and testing.
- Metrics:
  - ▶ 235 working hours
  - ▶ 25 pages in documentation
  - ▶ 28 scheme and diagrams
  - ▶ 23 meetings

### Web resources:

- <http://maemo.cs.karelia.ru/> — Russian Maemo Community
- <http://maemo.cs.karelia.ru/wiki/Maemo-Yandex> — project wiki

Thanks for attention!



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# Model of subject area



Main terms:

- Blogger
- Friend
- Group
- Post
- Comments

