

# Kimi: A Personal Organizer in the Internet Event Space

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## Abstract

Kimi is calendaring software for Maemo-based mobile devices. Kimi organizes event information and gathers the information from various sources. Examples of such sources include google calendar [1] and other online calendars as well as local maemo calendar backend [2]. For example, a user finds an interesting meeting from the google calendar and adds it to the local calendar. The main goal is to develop an application for simple and convenient management of the user's event space. Recently Kimi runs on the Maemo 5 platform at Nokia N900 tablets.

The project started in spring 2009. The first iteration was till May 2009 and the Kimi concept was developed. The concept was introduced on the 5th FRUCT seminar and AMICT 2009 workshop.

The second iteration started in July and finished at November; a workable prototype for Maemo 4 was produced. The demo was presented on the 6th FRUCT seminar [3].

Currently, the third iteration is in progress (December 2009 – May 2010). The aim is at porting Kimi to Maemo 5 platform. We develop a new modular architecture; it supports implementation of each module as a separate debian package. This architecture allows flexible development, when each new event information source requires installing the corresponding package, without any modification of the Kimi code. Furthermore, these Kimi packages can be used independently in other applications. Porting to Maemo 5 also requires Hildon-2.2 for implementing user interface.

The package of application is available for installation from the maemo repository extras-devel. The source code is published as open source (GPLv2 [4]) at the public project hosting Gitorious [5].

Capabilities of the current Kimi version are the following.

- Events and memos creation.
- Setting the recurrence type and period of event.
- Events management.
- Setting reminders on events.
- Receiving events data from Google Calendar service.
- Sharing events using the Google Calendar service.
- Supporting the local maemo storage, Calendar Backend.

By the end of the third iteration we plan implement the capability of linking contacts with events. Each event is linked with every person with whom the event is related.

## REFERENCES

- [1] <http://www.google.com/intl/en/googlecalendar/about.html>
- [2] [http://wiki.maemo.org/Documentation/Maemo\\_5\\_Developer\\_Guide/Architecture/Changes#Calendar\\_Backend](http://wiki.maemo.org/Documentation/Maemo_5_Developer_Guide/Architecture/Changes#Calendar_Backend)
- [3] S.A. Epifanov, E.M. Tsvetkov, K.M. Ivashov, A.S. Kolosov. "Kimi: A Personal Organizer in the Internet Event Space." 6th Seminar of Finnish-Russian University Cooperation in Telecommunications, p. 181, 2009.
- [4] <http://www.gnu.org/licenses/gpl-2.0.html>
- [5] <http://gitorious.org/kimi>