Maemo
Software developed with the open source community
Solid software architecture on Linux – first in taking Linux desktop paradigm to mobile devices

Optimized for Internet experiences – first in taking web2.0 apps to mobile devices based on Linux

Maemo

Open for innovation – Developed with some of the best open source communities

Designed for Mobile Internet Devices – implementing the multimedia computer promise
Optimized for Internet experiences

Stay in touch
Chat
Share
Discover
Find new places
Navigate
Blog
Communicate
Internet browser – desktop experience

Access your content, update your favorite blog, update your profile on MySpace, watch a video on YouTube.

Internet Browser powered by Mozilla technology:
- Harmonized UI
- Flash 9 support
- Landscape browsing
- Full-screen viewing
- Zooming
- WVGA resolution

Mozilla-based web browser – created with the open source community - powerful, secure and easy to use.
Maemo application suite

Key applications:
• Internet browser
• Internet calling
• Instant Messaging
• Email
• Map
• Media player
• Photo viewer
• RSS feed reader
Maemo UI – simple and customizable

- Taskbar to navigate applications
- Status bar indicating device state
- Consistent controls across applications
- Widgets and RSS feeds for up-to-date information
Solid software architecture on Linux – first in taking Linux desktop paradigm to mobile devices

Objective: Solid, high performance software architecture for Linux-based multimedia computer – modular, secure, open, and expandable.

Design characteristics: Allow collaborative development of operating system components in open source projects and differentiation by Nokia in user experiences.
Maemo **software architecture today**

- **Hildon UI Framework**
- **GNOME/GTK+ Application Framework**
- **Maemo Launcher**
- **Maemo SDK**
- **gStreamer Multimedia Framework**
- **GNU VFS File Access**
- **GNOME Structured File Library**
- **GNOME Configuration Management**
- **E-D-S Calendar/Contacts**
- **Telepathy Communication Framework**

**System services such as D-Bus, DSM, MCE, BME, and SQLite DB**

**Debian Package Management**

**System Libraries incl. GNU C, STD C++, OpenSSL, curl HTTP, etc**

**ARM/OMAP-based Linux kernel**

**Note:** This is only a simplified illustration and not all components are shown.
Maemo evolution – Highlights of next release

More Internet:
• Nomadic freedom with HSPA mobile broadband support

More multimedia:
• high definition camera sensors enabling new use cases such as photo sharing

More computer - OMAP3 processor support:
• Computing-intensive applications without user-perceived delays
• Enabling up to 3X gain in performance over ARM11-based processors
• Encode and decode videos at DVD resolutions

HW-accelerated graphics with Open GL ES2.0 and Clutter:
• Increases usability and allows stunning UI transitions
Developed in collaboration with the community

Maemo software

Community

Related open source projects
maemo.org – the community for innovation on Maemo.

Welcome at garage.maemo.org!

This site is meant for hosting various software projects related to the maemo development platform. If you have questions or looking for answers please check out the FAQ page. If you would like to open a project then the best is to read the Getting Started document.

IMPORTANT: Most projects hosted here are run by maemo community teams. Official Nokia projects are clearly identified as such.

Latest News

VNC Viewer now back in extra
Detlef Schmoker - 2008-08-04 11:51 - VNC Viewer
The diablo version of vncviewer is now in extras. A single click installation file is available
http://vncviewer.garage.maemo.org/vncviewer_diablo.install
(0 Comment) [Read More/Comment]

The latest and greatest
Andrew Zabolotny - 2008-08-02 06:56 - Zip - Unzip

garage Statistics

Hosted Projects: 650
Registered Users: 13,299

Top Project Downloads
(108,815) Maemo Mapper
(55,149) UK Media Player
(54,487) Windows Vista 11800/770 Theme
(49,734) Media Converter
Create applications on Maemo

<table>
<thead>
<tr>
<th>App Name</th>
<th>Rating</th>
<th>Votes</th>
<th>Downloads</th>
<th>Date Updated</th>
<th>Quality</th>
<th>License</th>
</tr>
</thead>
<tbody>
<tr>
<td>Maemo Mapper v2.4.1</td>
<td>★★★★★</td>
<td>41</td>
<td>32897</td>
<td>2009-03-16</td>
<td>Stable</td>
<td>Free &amp; Open Source</td>
</tr>
<tr>
<td>Canola2 Media Player v2.0.0-beta1-maemo.1</td>
<td>★★★★★</td>
<td>64</td>
<td>45797</td>
<td>2007-12-20</td>
<td>Beta</td>
<td>Non-free</td>
</tr>
<tr>
<td>Other Maemo Weather v0.20.4</td>
<td>★★★★★</td>
<td>38</td>
<td>24380</td>
<td>2008-05-21</td>
<td>Stable</td>
<td>Free &amp; Open Source</td>
</tr>
</tbody>
</table>

Maemo Mapper is geographical mapping visualization software specifically designed for the Maemo platform and the Nokia 770/N800/N810 form factor. It uses raster maps downloaded from the internet tracking.

Canola2 Media Player turns your internet tablet into the ultimate media player. Canola is a media consumer: photos, music, videos...local or remote, you name it.

Other Maemo Weather is a home-page applet for World Weather on Nokia 770/N800/N810. Use data from weather.com.
Development resources for Maemo

Maemo SDK:
- The Maemo SDK creates a sandboxed development environment on a GNU/Linux desktop system largely built on the Scratchbox cross-compilation toolkit.

Maemo.org:
- Maemo.org website has a lot of different repositories that are meant to be used with standard Debian package installation tools.
- Documentation include tutorials, API references, manuals and several other guides.

Maemo online training:
- Maemo training courses provide an efficient overview of the tools and methodologies needed when developing applications and platform services.

Forum Nokia:
- Consulting and technical service for application development on Maemo.
Building Multimedia Computers
Product evolution
Internet Optimized Multimedia Computer

Nokia 770
1st generation of Nokia Internet Tablets
Easy access to the internet. High resolution touch screen.

Nokia N800
2nd generation of Nokia Internet Tablets.

Nokia N810
Taking the positioning of the Tablet Category from a predominantly ‘one-way’ surfing tool, to a genuine ‘two way’ communication device.
With integrated slide keyboard N810 leads the richly connected pocketable Web 2.0 experience allowing you to connect to your content and experiences wherever you are.

Nokia N810 WiMAX Edition
Bringing WiMAX connection to strengthen the internet story. With wider wireless internet coverage, Internet will truly become personal and mobile.
Nokia N810 Internet Tablet

Be Closer. To the things you can’t live without.

1. Web on the go
   web 2.0 - connect, share, consume and experience

2. Internet communication
   instant messaging & internet calling

3. My Entertainment
   wide range of music and video always with me

4. Search and find
   know your location and see what’s around you (GPS)

Thank you