



Featured Maemo Articles



- [Creating Debian packages for Maemo 5 Qt applications an...](#)
- [Maemo 5 SDK installation for beginners](#)
- [Getting started with Qt for Maemo](#)

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Maemo is a computer architecture platform built on desktop open source components. It is aimed at enabling applications and innovative technology for mobile handheld devices.

The platform is based on the GNU/Linux operating system and the GNOME desktop. Maemo brings developers an easy to use development environment. Its finger optimized Hildon UI is customized for the screen size and usage typical for a touch screen enabled handheld device. The development platform is targeted at innovative developers and organizations developing applications and new technologies for the mobile space. Utilizing the maemo platform it is easy to mobilize existing desktop solutions. Maemo enables various business models on the top of the platform, including proprietary application distribution.

Maemo, first introduced in 2005, is one of the core platforms for Nokia's high-end products. Maemo has reached a level of functionality to provide a full Internet experience in pocket sized device ? with an intuitive UI. The Maemo devices on market include the [Nokia N800](#), the [Nokia N810](#) and the [Nokia N900](#).

The maemo platform currently offers a *native C* runtime for developers, complemented by officially supported *C++ bindings*. A complete set of *Python* bindings are provided by the community. *Web run-time* with Mozilla Gecko engine and *Flash 9*. *Mono*, *Java* and *Ruby* run-times are provided by the maemo community, among others.

The [Maemo SDK](#) creates a sandboxed maemo development environment on a GNOME/Linux desktop system. The sandboxed environment is built principally on a tool called [Scratchbox](#). In most ways this environment behaves like the operating system on the device, but with added development tools. This means that the development process is very similar to normal desktop Linux and GNOME/GTK+ development and the unique features of embedded development, such as cross-compiling, are handled transparently by Scratchbox.

Contents

- [1 Tutorials](#)
 - ◆ [1.1 Maemo 5 tutorials](#)

- ◆ [1.2](#)
[Maemo](#)
[4](#)
[tutorials](#)
- [2 Key Technologies](#)
- [3 External links](#)

Tutorials

[Forum Nokia](#) offers various technical support services for developers who work on maemo platform.

Maemo 5 tutorials

Maemo 5 is used in Nokia Mobile Computers, including Nokia N900.

- [Maemo 5 Developer Guide](#)

Maemo 4 tutorials

Maemo 4 is used in Nokia Internet Tablets, including Nokia N810 and Nokia N800.

- [Maemo 4 Quick Start Guide](#)
- [maemo for mobile developers](#) (especially for developers familiar with Symbian or .Net development)

Key Technologies

- [Hildon](#)
- [GTK](#)
- [DBUS](#)
- [Matchbox](#)
- [Python](#)
- [SDL](#)
- [Mono](#)

External links

- [Maemo Platform](#)

Category:Maemo

- maemo.org
- [Kdrive](#)