Firmware change logs for MeeGo Harmattan and Maemo devices

This is a community page for listing information about MeeGo Harmattan and MeeGo device firmware versions. Please feel free to add your own findings.

Note:

- Bug reports can be filed here
- Instructions for updating your Nokia phone can be found here
- The firmware change log information for other Nokia Platforms can be found under *See Also* or via Nokia firmware change logs

MeeGo Harmattan:

N9

see all reported issues for this device: Nokia Developer Bugs for N9

Change log of the Nokia N9 40.2012.21-3 (PR 1.3) firmware release (release date: 2.7.2012):

- Over 1000 quality improvements.
- Mail for Exchange (MfE) now supports client certificates.
- Localisation improvements and support for new error codes with the Facebook app.
- Twitter API changes that reflect the back end infrastructure of Twitter
- AccuWeather widget weather update fixed.
- VoIP calls now work via Skype/Gtalk when in flight mode and connected to WLAN.
- Changing the “week starts on” date within the calendar error now fixed.
- Network & connectivity improvements.

you can also refer to this article for further details about the changes in the update: http://talk.maemo.org/showthread.php?t=85234 (unofficial list of changes collected by Maemo.org users)

Change log of the Nokia N9 30.2012.07-1 (PR 1.2) firmware release (release date: 28.02.2012):

- Video call support for Gtalk (get the app from Nokia Store)
- Support for folders in the Applications view
- Improved camera with continuous (burst) shooting (3 frames per second)
- Face recognition for photos: easy to tag faces with names
- New Drive features: route options, favourites, speed limit alerts, and compass support
- Threaded view support in Mail, and access to company address book (GAL) in Mail for Exchange (MfE). (Note! Activate GAL from Accounts.)
- Support for creating playlists and deleting songs in the music player
- Improved web browsing history view
- Extended copy-paste for web and documents
- Language support for Thai, Hebrew, Persian, Vietnamese, and Kazakh
- Hundreds of new features and usability improvements

Change log of the Nokia N9 20.2011.40-4 (PR 1.1) firmware release (release date: 8.11.2011):

- NFC tag reading-feature added to instantly interact with NFC tags
- Music controls added to the device lock screen
- Photo and video shooting is now also possible with the following with color filters: black & white, sepia, vivid, negative, solarize
- More powerful multitasking with improved memory handling
- Swype for fast typing
- Faster MfE synch, synchronizing only active folders
- Improvements to background noise cancellation

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- Apps can be closed easily by swiping down - this feature is now on by default
- New indicators added to the standby screen (charging, calendar...)
- etc.

Nokia N9 10.2011.34-1 firmware release:

This was the sales start SW for the device.

N950

note: N950, including its device software, is not a commercial device, the quality and/feature set of N950 is of beta quality and comes without any warranty or support whatsoever. It is only targeted for developers.

see all reported issues for this device: Nokia Developer Bugs for N950

Release Notes For Nokia N950 (PR 1.2) 3.2012.02-6 firmware release (release date: 25.1.2012):

This release provides a preview of the MeeGo 1.2 Harmattan 1.2 release on Nokia N950 Developer Device. It is targeted towards developers, giving them sufficient time to try out their applications on the upcoming software update for N9. Please note that this is not the final Harmattan 1.2 release, bug fixes/changes are still ongoing.

As before,

- General help (info button) is disabled in the UI
- Developer mode is OFF by default. User needs to enable this option in order to download and install the development tools. See Settings->Security->Developer mode
- Allow installations from non-Store sources is OFF by default. User needs to enable this option in order to allow installation of applications from other sources. See Settings->Installations.

Known limitations on N950:

- Once your N950 is flashed with this release, you cannot go back to an earlier software release. Please note that Nokia Store still requires applications to work on Harmattan 1.0 and 1.1 releases, in addition to Harmattan 1.2.
- QML debugging using QtSDK 1.1.4 is broken with this PR1.2 beta release. This issue will be fixed with an SDK update. EDIT: This has been fixed in Qt SDK 1.2 released on 2012-02-01.
- Once the China variant (003) is flashed on your device, you cannot go back to the Global variant (001)
- Continuous shooting mode is not supported in the Camera application
- Skype not supported
- Dropbox account is not supported on China variant (003)

Changes since Harmattan 1.1 release:

- New languages: Persian, Hebrew, Kazakh, Thai, Vietnamese
- Software update notifications for content in Nokia Store
- Face recognition for gallery and face tags for Facebook
- Support for folders in the application view
- Mail for Exchange global address book lookup
- Mail thread support in the Email client
- Extended copy-paste support
- Media sharing with DLNA compatible devices
- Improved browser history view
- Compass support in Maps
- QtWebKit update to version 2.2
- New font taken into use
- Front camera support
- Video editing support in the Gallery application

Bug fixes:

- There are ~122 public bugs fixed in this release. The complete list is available at harmattan-bugs.nokia.com.

Other important improvements:

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MeeGotouch Framework:

- Visual hint for differentiating swipe close gesture from normal swipes
- Timestamps shown in notifications
- Notifications sorted by timestamps
- Improvements in Event Feed area
- Music controls in Lock screen

New feedbacks added to MeeGoTouch theme:

- priority2_callbutton_press
- priority2_callbutton_release
- priority2_close
- priority2_close_multiple
- priority2_move
- priority2_popup
- Kernel updated to be in sync with the upstream kernel version 2.6.32.48

Connectivity:

- Android NDEF Push Protocol disabled
- NFC polling enabled in lock screen
- Separate switch for controlling mobile background connections while roaming

Camera:

- Self Timer support
- Composition grid + on/off control

Calendar:

- Better handling of To-Do lists, recurring events and timezones
- Private flag support for events
- Support for read-only events
- Ability to forward/reply/reply-all for received events

Clock:

- Clock alarm becomes silent by flipping the device face down instead of snoozing
- Updated time picker

Gallery:

- People view added to the grid toolbar
- Improved multiple selection indication in grid view

Music Player:

- Audiobook and podcast support
- Ability to create playlists
- Ability to delete music files from music player library views via object menu
- Possibility to see songs that are on the current play queue

Contacts:

- Capture an image from camera from contact card to set the contact avatar
- Service contact details attributed in contact card and editor
- Nickname option in contact list
- Online search from MfE server

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- In addition, there are numerous bug fixes related to the implementation of new features, improving the overall user experience and reliability of the device.

N950 hardware specification:

The Nokia N950 phone uses same the hardware components as the Nokia N9 phone with the following exceptions:

- N950 is physically larger and is made out of aluminum, whereas the Nokia N9 has a polycarbonate unibody.
- N950 has a physical slide-out QWERTY keyboard. The Nokia N9 is a touchscreen-only device.
- N950 has partial support for landscape mode due to the fact that Nokia N9 is mostly used in portait mode.
- N950 has a 4" TFT LCD display whereas the Nokia N9 has a 3.9" AMOLED display. Display resolution and aspect ratio are the same on both devices (854x480).
- Due to the use of different display technologies, developers should avoid one pixel width fonts and graphical objects with lines one pixel wide.
- Also avoid the extensive use of bright colors, especially white, when developing for OLED displays as this increases the power consumption (typical for all OLED displays).
- N950 has a different physical camera module than the Nokia N9. Both camera modules have very similar image quality (Carl Zeiss branding in the Nokia N9) and both modules support 8Mpix image mode.
- In the N950, the front facing camera is in top right corner and on the Nokia N9 it is in the bottom right corner. The actual camera module is same.
- N950 does not have support for NFC (Near Field Communication)
- The Nokia N9 has a slightly more sensitive magnetometer and ALS (Ambient Light Sensor)
- N950 has a 1320mAh battery, the Nokia N9 has a 1450mAh battery

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Release notes For Nokia N950 (PR 1.1) 2.2011.39.5 firmware release (release date: 18.10.2011):

Changes from Nokia N950 Beta 2 (34-2) to Nokia N950 PR1.1 (39-5):

- Application close by swiping from top to bottom is now always on.
- Improved memory handling to boost application startup and overall performance.
- Multilanguage keyboard and support for Swype.
- Support for Chinese language (separate variant).
- Added plugin support for Google, Picasa, Flickr and YouTube.
- Number of small UI tweaks e.g status bar notification icon updates.
- Number of bug fixes and changes have been implemented.
- Galaxy on Fire application has been added.
- Need for Speed Shift application has bee added.
- Widgets Gallery and QT Quick components gallery application have been removed.

Developers:

- If the device becomes unresponsive you can to perform a hardware reset. Press the power key on top of the device and keep it pressed down for 8 or more seconds.
- eMMC erase may fail in some devices (see One Click Flasher release notes for details).
- Reminder: you will need enable developer mode manually after flashing with a new image (i.e. when changing variants)
- Developer mode is OFF by default. User needs to enable this option in order to download and install the developer tools. See Settings->Security->Developer mode.
- Allow installations from non-Store sources is OFF by default. User needs to enable this option in order to allow installation of applications from other sources. See Settings->Installations.

Updating from Beta2 to PR1.1 over-the-air using SSU:

- Users will get a notification (appears in events view) that they can accept to start the update process.
- Alternatively users can manually check for updates by going to N950 Settings->Applications->Manage Applications
- Users may get low memory and connectivity messages during the installation process. These messages can be ignored.
- Galaxy on Fire II and Need For Speed Shift are not part of SSU update download.

Release notes of Nokia N950 (beta 2) 1.2011.34-2 firmware release (release date: 15.9.2011):

General:

- The Nokia N950 phone software is still in beta stage and does not represent the final quality or feature set when the Nokia N9 is commercially available.

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- If the device becomes unresponsive you can to perform a hardware reset. Press the power key on top of the device and keep it pressed down for 8 or more seconds
- Certain types of use may drain the battery faster than normal.
- General Help (Info buttons) is disabled in the UI.
- There are few applications and services that are not available in this beta release but will be available in the Nokia N9
- Performance of all use cases has not been optimized
- Echo may be heard during some voice calls. This can be eliminated by turning the speaker-phone on and off during the call.
- Chinese input method is not supported
- eMMC erase may fail in some devices (see One Click Flasher release notes for details)

Changes of Nokia N950 Beta 1 (22-6) to Nokia N950 Beta 2 (34-2):

- Number of bug fixes and changes have been implemented
- "Developer Edition" status bar has been removed
- "Developer Edition" background watermarking has been removed
- Nokia Store client has been added, replacing the "coming soon" splash screen in Beta1
- Ovi Music client has been added
- Twitter client has been added
- Angry Birds application has been added
- Wi-Fi hotspot application has been added
- AP Mobile application has been added
- AccuWeather application has been added
- SDK installer has been removed from eMMC memory. It is available at http://www.developer.nokia.com/Devices/MeeGo/

Development:

- Developer mode is OFF by default. User needs to enable this option in order to download and install the developer tools. See Settings->Security->Developer mode.
- Allow installations from non-Store sources is OFF by default. User needs to enable this option in oder to allow installation of applications from other sources. See Settings->Installations.
- Ensure that USB is in SDK mode (from Settings->Accessories->USB)before connecting to SDK via USB (or use Always ask mode and then selectSDK mode when connecting with USB)

Release notes of Nokia N950 (beta 1) 1.2011.22-6 firmware release:

General:

- The Nokia N950 phone software is in beta stage and does not represent the final quality or feature set which will be available when Nokia N9 is commercially available.
- If the device becomes unresponsive you can to perform a hardware reset. Press the power key on top of the device and keep it pressed down for 8 or more seconds.
- Certain types of use may drain the battery faster than normal.
- Across the UI there are still logical ID’s shown in some languages, icons may not be finalized and animations with opening windows are missing.
- Over-the-Air updates may not be available for the next software version.
- Gallery application may sometimes display ‘no items’ * Help (Info buttons) is disabled from this release
- There are many applications and services which are not available in this beta release.
- Performance of all use cases has not been optimized yet
- Echo may be heard during some voice calls. This can be eliminated by turning speakerphone on and off during the call.
- Chinese input method is not supported in this Beta release

Connectivity:

- The device may not always see all available WLAN’s (refresh)
- WLAN data transfer may stall off and on with WPA2/AES encryption.
- Bluetooth may not work when Device is connected to WAPI AP.
- The browser is unstable, has known rendering issues with sites. The look and feel of the browser is not finalized yet.

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- Using SB and transferring large amounts of data slows down device and may long before content shows up in e.g. music player or video player.

Development:

- USB needs to be in SDK (from Settings->Accessories->USB) before connecting to SDK via USB (or use Always ask mode and then selecting SDK mode when connecting with USB)

Complete release notes can be found from: http://www.developer.nokia.com

Maemo:

770

- ???

N800

- ???

N810

- ????

N900

Change log of Nokia N900 21.2011.38-1 (PR 1.3.1) firmware release:

- Fixes DigiNotar issue and control panel applet security issue

Change log of Nokia N900 20.2010.36.2 (PR 1.3) firmware release:

- Nokia Ovi Suite support added
- Many performance improvements that make your device run more smoothly
- Qt Mobility API 1.0.2 is now integrated into the device software.
- Qt Core libraries updated to 4.7.0 version.

More detailed change log can be found from here: http://wiki.maemo.org/Maemo_5/PR1.3

Change log of Nokia N900 10.2010.19.1 (PR 1.2) firmware release:

- Qt 4.6 pre-installed
- Face-to-face chatting through Skype and Google video calls. Facebook instant messaging chat is also supported
- Web browser now works also in portrait mode
- Improvements to Ovi Maps

More detailed change log can be found from here: http://wiki.maemo.org/Maemo_5/PR1.2

Change log of Nokia N900 2.2009.51-1 (PR 1.1) firmware release:

- 3UK SIM cards are supported
- MS Exchange 2003 support
- General performance & stability improvements

More detailed change log can be found from here: http://wiki.maemo.org/Maemo_5/PR1.1

Nokia N900 1.2009.42-11 (PR1.0) firmware release:

This was the sales start SW for the device.

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