NOKIA Developer

Template:ArticleNeedsUpdate

Apply this template to the top of articles that require a specific update or testing to improve quality or to bring them "up to date".

Usage

```
{{ArticleNeedsUpdate|timestamp={{subst:CURRENTTIMESTAMP}}|user=~~~|Text explaining issues(required)}}
```

The parameters are required:

- *timestamp*: Apply a timestamp so it is clear when the suggestion was made. Usually just copy-paste timestamp={{subst:CURRENTTIMESTAMP}}
- *user*: User id of person recording issue. You can use the wiki syntax ~~~ to add your user id
- Unnamed parameter: Text explaining what changes or testing is needed.

Optional parameters:

- *type*: A short string for the type of update required. For example, one of: copyediting, code formatting, technical review. This is optional, but if specified will replace the text "to be updated" when the template is displayed.
- *language*: The language category of the natural language the template is to display in. If no language is specified or if the specified language is not supported then the English version is used.
    - Translations exist for: Lang-Portuguese, Lang-Chinese, Lang-Russian, Lang-Bahasa Indonesia
    - For example:

```
{{ArticleNeedsUpdate|language=Lang-Chinese|timestamp=...}}
```

> **本文需要更新:** 如果您发现这篇文章有用，请修复下面的问题，然后从文章中删除 {{ArticleNeedsUpdate}} 模板，以消除此警告。
>
> **原因:** hamishwillee
> (20 Sep 2012)
> 请说明需要更新的理由。

> **Este artigo precisa ser atualizado:** Se você achou esse artigo útil, por favor corrija os problemas relatados abaixo e depois retire do artigo o modelo {{ArticleNeedsUpdate}}, para que este aviso seja removido.
>
> **Motivos:** hamishwillee
> (20 Sep 2012)
> POR FAVOR, EXPLIQUE PORQUE O ARTIGO PRECISA SER ATUALIZADO.

> **Данную статью необходимо обновить:** Если Вы считаете эту статью полезной, пожалуйста, исправьте указанные ниже проблемы, после чего удалите шаблон {{ArticleNeedsUpdate}} из статьи, чтобы убрать это предупреждение.
>
> **Причины:** hamishwillee
> (20 Sep 2012)
> ПОЖАЛУЙСТА, УКАЖИТЕ ПРИЧИНУ (ПРИЧИНЫ) ОБНОВЛЕНИЯ.

> **Artikel ini perlu diupdate:** Jika anda berfikir artikel ini bermanfaat, anda dapat membantu menyelesaikan masalah di bawah lalu menghapus template {{ArticleNeedsUpdate}} untuk menghilangkan peringatan ini.
>
> **Alasan:** hamishwillee
> (20 Sep 2012)
> MOHON BERIKAN ALASAN KENAPA HARUS DIUPDATE.

Articles List

See also filtered lists in: Windows Phone and Java ME.

Article	Type	Timestamp	User	Reason
Using AT commands to send and read SMS	update	20130620014509	hamishwillee	This is a very old article which explains ow to send AT comman not cover what devices where it is known to work. These need t it is possible to respond to questions at the end.
Dropbox with Windows Phone	update	20130614043236	hamishwillee	As per the article comments there are issues with using this art to get it verified against current platform and versions of Sharpl
How do I start programming for Symbian OS?	update	20110510013559	hamishwillee	This covers some of the key resources of interest, but is very ou particularly well written. It needs to be restructured to be a mu that references Qt, Symbian C++ and Python. It should where p libraries in each. I would split out all the Symbian C++ stuff int Symbian C++ or similar. That should reference Fundamentals o which is a great online resource, tutorial Symbian C++ Hello Wo Beyond Hello - A Tutorial for Symbian C++ Applications
应用开发 S60 3rd Edition	update	20110907033809	hamishwillee	Article is out of date: - Incorrect links for Symbian Signed - Many broken links to defunct pages on this site (fixed some, checked) - Toolchain has changed and part of this is now incorrect. For mention codewarrior. Carbide.c++ now only comes in one ve mention the express or professional variants. Also Carbide.vs discontinued so should not be mentioned.
Getting started with Buddy services: Create your own location based social app	update	20131111221910	hamishwillee (talk)	The Buddy API changed completely since this article was writte documentation does not seem to be up to date. The article nee reflect the current API. Ideally the ArticleMetadata "dependenci

should list the version of the API for which it is ~~written~~ tested.
information about free service calls is no longer true.
Premium Developer Program has been replaced by Nokia Develo

Symbian Signed (Chinese)	update	20110907064637	hamishwillee	Symbian Signed options have changed. In particular

- DevCertRequest is no longer used to get DevCerts,
- Open Signed is no longer a program name
  - Open Signed Online has been discontinued as it is not nee devcerts through site)
  - Open Signed Offline term no longer used - we just have De downloaded from site.

Qt Symbian 开发环境安装	update	20111212064928	hamishwillee	This refers to old toolchain including Carbide.c++. It should be Qt SDK or deleted.
Using Nokia SDKs and Tools on Windows Vista	update	20120820004835	hamishwillee	bcdedit is mentioned once but not explained - can possibly get here: Archived:Possible workarounds to Emulator startup issues Edition.
How to guide for creating/signing sis files	update	20111129032102	hamishwillee	The article content is useful and accurate. However there are h the wiki with the same topic, some that also cover using the IDI using devcerts, using local certificates, using createsis. I think t merged with the others.
在Qt S60中使用QtMobility做开发	update	20111121042840	hamishwillee	Qt Mobility is now delivered with the Qt SDK. This is probably la needs a review.
Implementando publicidade usando Nokia NAX em aplicações Windows Phone	update	20131122002836	hamishwillee (talk)	Inneractive now work with Nokia developers directly. This articl retested. All references to NAX should be removed as part of tes
Tilt Effect for Windows Phone	update	20130619021753	hamishwillee	The tilt effect is now included as part of the Microsoft Windows is much easier than using the **TiltEffect.cs** file as explained in t content here is still useful and will "work", the article should be the correct and more simple instructions.
Implementing advert in Windows Phone app using Inneractive with CSharp	update	20131122002713	hamishwillee (talk)	Inneractive now work with Nokia developers directly. This articl updated to refer to Inneractive, but needs to be retested. All ref should be removed as part of testing/update.
Qt for Symbian应用开发流程	update	20120216032933	hamishwillee	Article is very out of date. Carbide.c++ no longer used for Qt d refer to Qt SDK
Capabilities	update	20120131051930	hamishwillee	This update should be merged with, and redirected to, the offic Capabilities (Symbian Signed)
Blocks game Series 40 Web App	update	20120911012313	hamishwillee	This awesome app code does not run in Cloud Preview due to u position property. It should be updated to use supported eleme
How to create a Symbian application icon (SVG)	update	20120608	ltomuta	Bad. Bad. Especially the parts about using raster images " instead of tracing them.
Jogging - Calorie Calculator: Demonstrating Real World usecase of WP8 features	update	20130503054239	hamishwillee	The article has reported errors. There is no working zip file whic verify the code, and it is not documented sufficiently to underst such a zip file. IMO this therefore does not meet wiki quality sta project cannot be provided it should be deleted.
Using jQuery Mobile in Nokia Asha Web Apps	update	20120911012313	hamishwillee	This code does not run in Cloud Preview due to unsupported el (e.g. data_role does not work). It should be updated to use sup
OVI Certificates	update	20120418200759	lpvalente	This article contains current information as of 2010.
Using Qt Creator with Symbian	update	20110825070029	hamishwillee	These instructions are against an old version of Qt "The Nokia C a review agaisnt the "Qt SDK 1.1.4" (five new versions on). It al you're managing multiple SDKs or possibly using Qt creator ove Symbian SDK. That is no longer enabled.
Advanced Package File Options	update	20120130051514	hamishwillee	I don't see any value of this article over the content in the Deve this simply links to the developer library, or is deleted.
Communicating with Arduino	update	20111028055822	hamishwillee	This article is incomplete. It has links to a book that don't work, poor English and placeholders for future work. Can we please ge links, remove all the placeholders (and spurious multiple exclam technology does look interesting, if there is a cool real world exa with Phones.
How to send a jar file from a Java ME app using Bluetooth	update	20120831010912	hamishwillee	The attached zip file with source is corrupted. Needs to be recr
Qt overview	update	20121113032513	hamishwillee	The article reflects (largely) the state of Qt in Qt 4.4 when Noki is now at Qt 4.8 on Symbian and MeeGo Harmattan devices. Qt source project, where most of the development team been acqu further being developed (at time of writing to Qt 5). It is license UI framework is a declarative language and tools called Qt Quick C++ widgets as stated here. This article should be updated to reflect the current state of Qt Harmattan devices (as that is relevant to Nokia). It should cover project and Qt Quick. It then should link to the Qt project and d development.
Big Picture : S60 and Symbian C++ Learning Path	update	20110511011158	hamishwillee	Many of the links were to developer.symbian.com, now defunct "disabled" but need to be relinked to the appropriate reference http://library.developer.nokia.com/. Also as this is several years o be updated with new links.
Creating CustomItem in Java ME	update	20120810095816	trashedDev	The full potential of this article isn't available on full-touch devic needs to have a physical number pad.
Developing a 2D game in Java ME - Part 6	update		-	Image capture code doesn't work on Nokia Asha 305.
Começando a programar para dispositivos móveis	update	20130929150652	lpvalente (talk)	O texto não contém referências para as plataformas atuais usad Nokia
S60入门基础	update	20110510044256	hamishwillee	This article was written in 2007. A lot has happened in that tim few revisions older an no longer branded using Express/Professic development framework for Symbian is Qt, not Symbian C++. In summary, while this was a good article a number of years ag update in order to be accurate now. Note, I have commented o Symbian Developer Network and developer.symbian.com as bot closed.
Controlling vibra settings in Java ME	update		-	Code doesn't seem to work on Nokia 701 or Nokia Asha 305
Developing Google Reader client for Series 40 with Web Tools	update	20120911012237	hamishwillee	This code does not run in Cloud Preview due to unsupported el (e.g. data_role does not work). It should be updated to use sup
Qt Mobility 在Symbian平台的安装	update	20111213025604	hamishwillee	Qt Mobility is included in Qt SDK so no separate installation req reviewed, and if confirmed that this is not accurate for current (should be deleted.
Hybrid Application Generator	update	20110815061452	hamishwillee	Would be useful to reverify with Nokia Web Tools as these have Also worth verifying that the project wiill work with latest versior
Carbide.c++ FAQ	update	20110630063808	hamishwillee	This was written in 2009 in Carbide.c++ v2.0 timeframes. I've to latest version (3.2) and fixed broken links. However it probab detailed update. The official page may contains some of the req
Generic Connection Framework (GCF) in Java ME.	update	20111122043936	hamishwillee	Article doesn't appear to have been fully reviewed. Needs to be technical expert. Formatting of code samples needs to be impro
不通过Qt Mobility操纵Symbian设备的相机	update	20111213024922	hamishwillee	Article is out of date and requires either an update or to be dele believe that the limitations presented are not present in the cur
Java Application Descriptor (JAD) essentials	update	20130327010821	hamishwillee	This article should be merged with articles containing similar m Application Descriptor (JAD) essentials, MIDlet JAR Manifest esse
Qt Mobility API Basic Examples Part 1	update	20110413014620	-	Article needs to be verified against the Qt SDK and Qt Creator a was previously tested using the Qt for Symbian platform SDK w supplied, and Carbide.c++ which doesn't work with the Qt SDK.
Read and send SMS messages using the Qt Messaging API	update	20120216034336	hamishwillee	Usage of Qt Mobility API is through QWidget app framework. Sh be accessed through Qt Quick.
Qt for symbian 开发环境安装	update	20111128034157	hamishwillee	This uses superceded Nokia Qt SDK. Should be updated to at le v1.1.4 (at time of writing).
Qt (Português)	update	20130602211043	lpvalente	O texto está desatualizado.
Developing a 2D game in Java ME - Part 7	update	20130618055116	hamishwillee	Original comment by r2j7 in Sept 2008 still valid - server side ir required. On 20130618 Mishrapk12 - posted that the pads are nor sdk 2.0
Get device information using Qt	update	20120216001627	hamishwillee	The article explains the supported generic Qt Mobility API, but (example/code snippets using deprecated QWidget UI. This exan updated to not use QWidget.
Installing Qt Mobility in Qt SDK on Windows (former Qt desktop SDK)	update	20121107060329	hamishwillee	I believe the latest Qt SDK includes Qt Mobility, and that there desktop" SDK. This article needs to be either updated or delete

Article				Comment
(former Qt Desktop DRM)				desktop DRM. This article needs to be either updated or confirmed.
Como descobrir o total de memória do celular com Java ME	update	20130630124508	lpvalente	O artigo fala sobre uma versão antiga do Symbian, mas não fala plataformas atuais, como Asha
How to play video streaming in Java ME	update	20130729105012	hamishwillee (talk)	There are many reported errors in the comments.
Anatomia de um Tile	update	20121130045022	hamishwillee	Tiles have changed a bit in Windows Phone 8 - this is only up to Phone 7.5
CBC模式下的数据加密和解密	update	20110510060728	hamishwillee	SymbianCryptographyLibrary appears to be unavailable. Needs longer needed this article needs to be deleted.
Locate Map Center Via Inputting Latitude and Longtitude	update	20130409060018	hamishwillee	Content in this article is already covered in HERE Maps API - Ad Page and HERE Maps API - How to pan the map. It is also docun JavaScript Explorer at: http://developer.here.com/apiexplorer/ex js/map/panning-the-map.html. Strongly recommend deletion un updated and made in some way "unique". Pending response fro
Using Qt environment macros to differentiate platforms	update	20110901053423	hamishwillee	Article is accurate but should be extended to include newer Qt (including Q_WS_MAEMO_6, Q_WS_MEEGO etc.)
Integrating Inneractive advertising in a LWUIT application	update	20131122002836	hamishwillee (talk)	Inneractive now work with Nokia developers directly. This articl retested. All references to NAX should be removed as part of tes
How to take snapshot in Qt	update	20120217041058	hamishwillee	Example is hosted within framework of deprecated QWidget ba good to modify to a Qt Quick app
MiB With Inneractive	update	20131122002952	hamishwillee (talk)	Inneractive now work with Nokia developers directly. This articl retested. All references to NAX should be removed as part of tes
Detecting and handling multi-touch events in Windows Phone 7 applications	update	20130530051254	hamishwillee	The article is incomplete. To make this useful you would need t application is supposed to do, why it is useful, provide links to a you learned to created it (e.g. on MSDN) and also any tricks/tips using this code - ie what if you want to detect multi-touch even as opposed to over the top of some other control. That way not use your code, but they can work out when the code is not so u to other use cases. Jerry (see comments) also found it inconsiste
Como desenvolver uma aplicação para Series 40	update	20130707123010	lpvalente (talk)	O artigo está desatualizado
How to use QDir in Qt	update	20120209031850	hamishwillee	The article uses QDir, which is reasonable, but in the context of which is not. This should be modified to show QDir in the contex application or to remove the UI framework around the use of th
Qt для S60	update	20110531054307	hamishwillee	This is out of date - points to legacy site peppertroll and has a l
JAD	update	20130327010849	hamishwillee	This article should be merged with articles containing similar m Application Descriptor (JAD) essentials, MIDlet JAR Manifest esse
Como criptografar um texto usando QCryptographicHash, em Qt	update	20120215095903	hamishwillee	Example uses QCryptographicHash in a QWidget app framewor deprecated, should be updated to just show the use of the cryp
迁移到Carbide.c++	update	20111018032422	hamishwillee	This article was written at a time when Carbide was being intro was still to migrate developers to Carbide. Now days we're tryin Qt Creator in most cases. Since then Carbide branding has sign Many of the links are now broken. I think this could be re-writte document and reflecting the current carbide 3.0+
Creating and loading custom fonts in Symbian	update	20120125023645	hamishwillee	The article is slightly confusing and out of date.
				- its not clear what the differences are between 2nd and 3rd e first section is for 2nd edition … who knows!
				- This creates and uses gdr files. Symbian can use open font fi monotype or ttf depending on plugin support and you'd auth native tools
				- the second example (3rd edition) looks like it is loading a sys a custom font?
				- the second example should explain what it is trying to do wit
				I think this should clarify the above points and also explain the custom and system fonts on both platforms
Symbian C++ Development Tools Overview	update	20111123024710	hamishwillee	This contains lots of older toolchain tools. Needs to be updated (raptor) and identify the SBSv1 toosl. Should also add mention cross development framework development
How to port Bondi Widgets to Symbian Web Runtime	update	20111013010421	hamishwillee	The Bondi site no longer exists - links to it have broken. It appe have been merged into WAC SDK however I can't find a clear ex therefore out of date and should either be deleted or updated t and state of Bondi. This will require some expert help.
MIDlet JAR Manifest essentials	update	20130327010829	hamishwillee	This article should be merged with articles containing similar m Application Descriptor (JAD) essentials, MIDlet JAR Manifest esse
JAR	update	20130327011019	hamishwillee	This article should be merged with articles containing similar m Application Descriptor (JAD) essentials, MIDlet JAR Manifest esse
Getting started with PyQt for Maemo	update	20110428234954	hamishwillee	The instructions have not been tested for some time and are un terms of installation and SDK. It would also be useful to have sin PySide, the alternative (and better licensed) Python on Qt Bindi
中文 Symbian论坛和新闻组	update	20110510055553	hamishwillee	Lots has changed since 2007. The article this was translated fr discussion forums and newsgroups and this both need to be up
How to create OMA DRM v1.0 content	update	20110909003023	hamishwillee	The Nokia Mobile Internet Toolkit has been archived. This leads perhaps the article is either out of date or less relevant. Should there are better document to point to?
如何创建Maemo应用程序	update	20111021025326	hamishwillee	I've just disabled or fixed 9 broken links. This indicates that the covered by the library is changing quickly, and this probably ne investigation to see if it is still valid.
Carbide.c++ On-device Debugging Quick Start	update	20110825041659	hamishwillee	Article needs to be updated to latest version of Carbide.c++ - o mentions ADT rather than pointing to Symbian C++ tools area o This corresponds to Carbide 2.0 (approximately) but need to co correct for latest carbide (3.0+)
Qt for S60使用入门	update	20111213055304	hamishwillee	Article out of date. Either update to reflect new SDKs and using
How to show Table layout data in a MIDP Form	update	20120711062857	hamishwillee	There is a warning from Infomedica in comments (reproduced that this layout has problems on some devices. This needs to be article either updated with a warning or a workaround. The comment from Infomedica was "It should be noted that as current version of netbeans's TableItem control has some seriou to be properly rendered on S60 series. There is a number of pos be googled - but no solution yet... The problems concerns in ma which have height grater than the screen. At least on Nokias E5 down till the end of the table."
Requesting extended capabilities set for Developer Certificates	update	20111123033359	hamishwillee	The process if now completely different - devcerts are requeste etc through the site and access to more powerful capabilities is your account. This article is therefore completely incorrect and or deleted.
Creating a signal to slot connection in Qt Designer	update	20110415063258	hamishwillee	
				- English is poor.
				- Links need to be checked
				- Most of this may be out of date with current Qt SDK - needs t
Qt & Application Signing/zh-hans	update	20110902013436	hamishwillee	Please (partially) re-translate Qt & Application Signing to includ revision before 20110902. At high level the changes are:
				- Developer Certificates are now granted to both individuals an the site - as a result Open Signed Online is no longer need an discontinued.
				- Open Signed Offline and Open Signed Online are no longer u process for getting DevCerts. Instead instructions on how to given in the user guide: User guide: Symbian Signed.
				- User guide: Symbian Signed is now a high level important do
				- Symbian Signed is no longer run through Symbian Foundatic

Note, I have made some of the needed changes, simply deleting
Signed Offline/Online references. I am not certain that the text s
Chinese.

Ovi Developer - Getting Started	update	20111012031620	hamishwillee	This article was written prior to information becoming available Arguably the material in the Nokia Store guidelines and other do Category:Nokia Store replaces this. It should be reviewed and u current information or deleted.
How to hide your application from running tasks list, and how to hide the round circle over your running application icon	update	20120802015302	hamishwillee	This article duplicates information in Hiding an app from the ta How to Hide Application from User Menu, Keeping a Symbian ap the background on exit. It should be redirected to those, but fir whether any of the information here is useful and should be inc documents.
Device independent layout for QML	update	20120221225529	hamishwillee	Article provides only part of the layout/scalability/orientation sto be extended to include additional information from the linked S also added some Comments in the talk page below.
How to play multiple sound fx in Java ME	update	20120928043825	hamishwillee	An article with relatively complicated code like this should deliv manager in an assembly, along with test code. Ideally it should platforms it has been tested on, and also provide links to other S explanation of why it is better.
Overview of Terms and Conditions of Ovi Publishing for Individual developers	update	20111012032020	hamishwillee	This article pre-dates much of the static site content. It should the current information in the static site and either updated or there is a place for an overview like this if the terms and conditi complicated.
How to vibrate phones from Java ME	update	20130911022339 (talk)	hamishwillee	I recommend the relevant parts of this article be merged into C settings in Java ME - specifically the MDP1.0 information. This ar deleted/redirected to the other article.
Delete messages using Qt Mobility API	update	20120216000648	hamishwillee	This is outdated example and may not compile with new sdks; examples Qt Mobility API Basic Examples Part 1. Note also that t Symbian specific guidance and has been tested on Symbian, bu platforms.) The article uses the QWidget UI - it should be updat
Fundamentals of Symbian C++/Tool Chain	update	20110824080411	hamishwillee	The article is still useful and fairly up to date. However it has br toolchain "Raptor". This information needs to be expanded beca deprecated.
Introduction to Lightweight User Interface Toolkit	update	20120705071313	hamishwillee	LWUIT now "properly" supported on Series 40 - see https://gith developer/lwuit-for-series-40.The article needs to be updated in possible all content removed except pointer to current LWUIT re
Complete Guide To Symbian Signed/zh-hans	update	20110902013436	hamishwillee	Please (partially) re-translate the Complete Guide To Symbian S changes since last revision before 20110902. At high level the c

- Developer Certificates are now granted to both individuals an the site - as a result Open Signed Online is no longer need an discontinued.

- Open Signed Offline and Open Signed Online are no longer u process for getting DevCerts. Instead instructions on how to given in the user guide: User guide: Symbian Signed.

- User guide: Symbian Signed is now a high level important do

- Symbian Signed is no longer run through Symbian Foundatic

Note, I have removed offending links below, but can't be sure th
sense in Chinese.

Publishing to Ovi Store FAQ	update	20111017014807	hamishwillee	This is extremely out of date. The official FAQ is more accurate.
动态装入并初始化Qt插件	update	20110815045948	hamishwillee	Article referred to old Qt 4.5 releases - including "Garden". I've incorrect links, but still needs to be reviewed by native speaker For example, we no longer use emulator or SDKs that work on t instead we use the Qt SDK
Carbide.c++(日本語)	update		-	Carbide is no longer branded into separate editions for develop been updated to version 3.2. There is also no further interest in that information could be removed)
Guidelines for Mobile Interface Design	update	20120509043652	hamishwillee	This needs significant update in order to include and focus on t interface guidelines for touch screen devices.
如何在WRT widget应用中使用折叠控件（Accordion）	update	20111020001946	hamishwillee	Duplicate of Web Runtime WidgetでAccordionを使用する方法. Ar merged.
Ferramentas Symbian C++	update	20120211195745	lpvalente	Esta lista de ferramentas está bastante desatualizada.
Getting Started with On-Device Debugging using Carbide.c++	update	20111020013939	hamishwillee	Carbide.c++ debugging has significantly improved from v3. Th of date references and broken links. It also refers to old professio branding. Merge with Carbide.c++ On-device Debugging Quick
Qt中访问公共的桌面服务	update	20111021055421	hamishwillee	This was written when Qt was in pre-release (garden). It needs current releases and the links (now broken) need to be updated
Model-View-Controller application architecture	update	20130816064609 (talk)	hamishwillee	Overlap with MVC in Java ME - the articles should be merged.
How to create ChoiceGroup in LCDUI	update	20120927060302	hamishwillee	The article has no explanation of what it does other than the he extended to state the type of choice group created, display and reference documentation. It should perhaps be merged with Ch
Symbian C++ Hello World	update	20110825022158	hamishwillee	Need to verify images and instructions for current version of ca for version in ADT and a lot has moved on since then. Fundame should be OK though, so this is a minor change
Big Picture : Nokia Technology Platforms	update	20110627001322	hamishwillee	This omits MeeGo and Windows Phone as platforms, and Qt as a framework
Using Carbide.c++	update	20110825043236	hamishwillee	The original text is based on a Symbian Press booklet and was v2.0.4 release. Carbide.c++ is now at v3.2 (or later) so this arti and possible refresh.
Carbide.c++ UI Designer	update	20110825044938	hamishwillee	Article is missing images. It needs to be reviewed for accuracy.
Signed to Either Operator or Manufacturer Domain	update	20120719065237	hamishwillee	Moderators note:- There is a need for cross reference and citati article How to get IMEI in Java ME and therefore this text could being added to the original article. - added to template by Ham
使用CTelephony获取网络名	update	20111221053339	hamishwillee	Needs to be merged with near-duplicate topic 从CTelephony获取
Guidelines for Mobile Advertising	update	20120509042224	hamishwillee	Nokia platforms now have support for In-App Advertising. Infor and approaches used needs to be incorporated into this docum
Symbian	update	20110627205828	lpvalente	Outdated information
Ovi Services	update	20111012031219	hamishwillee	This article is out of date with respect to services available and (see http://maps.nokia.com/services/ and static site for more inf either be updated or deleted. If it is updated, more comprehens should be provided about the services
JSR 135	update	20130816064916 (talk)	hamishwillee	Article not really to wiki standards in terms of content and layo have a quality overview, but would prefer this linked to other de elsewhere, with only very high level information here.
Before you start (mobile web page development)	update	20110606005229	hamishwillee	This article was pointing to old templates and tools. I've update Nokia Web Tools) but the actual text should be retested in line v
Знакомство с C-классами	update	20110510075922	hamishwillee	I've removed all the links to the now removed developer.symbia should be updated with links to this site - note that much of the migrated, as discussed in Symbian Foundation Content Migratic easier for a native Russian speaker to integrate it.
Haptics effects in Qt	update	20120302052433	hamishwillee	Qt Quick should be used to demonstrate this API - UI developm using Qt C++ is deprecated.
How to find out the total memory in Java ME	update	20130630123741	lpvalente	The article discusses previous Symbian editions, but does not c Asha platforms
Qt Mobility Usage Scenario: The mSense	update	20110413053306	-	Uses Mobile Extensions which are deprecated. Would be better

...bility Edge Scanner The mobile middleware	update	20130712333333		APIs. Also needs retesting against Qt SDK as old ...
从CTelephony获取网络名	update	20111221053333	hamishwillee	Needs to be merged with near-duplicate topic 使用CTelephony获...
Symbian Signed For Testing Your Application/zh-hans	update	20110902013436	hamishwillee	Please re-translate Symbian Signed For Testing Your Application... changes are:

- Developer Certificates are now granted to both individuals an... the site - as a result Open Signed Online is no longer needed... discontinued.
- Open Signed Offline is no longer used as a term - instead inst... get a devcert are given in the user guide: User guide: Symbi...

Note: Some rough changes made below, but these need to be ... speaker (or even better full retranslation).

Build Targets	update	-		Accurate prior to Symbian OS v9. Needs an up Symbian OS 9.x...
Developer Certificate (Symbian Signed)/zh-hans	update	20110902013436	hamishwillee	Please re-translate the original document. At high level the cha...

- Developer Certificates are now granted to both individuals an... the site - as a result Open Signed Online is no longer need an... discontinued.
- Open Signed Offline is no longer used as a term - instead inst... get a devcert are given in the user guide: User guide: Symbi...

Note: Some updates made below, but need to be checked by n...

Using bitmaps with Symbian and Maemo Platforms	update	20111117024742	hamishwillee	Article incomplete - the description of MeeGo has no comments... for Symbian is empty. Also Qt is the application development fr... platforms, and this should also be demonstrated.
Eliminating Memory Leaks in Symbian C++ Code	update	20110825054651	hamishwillee	Article is still of lots of value. However the instructions for debu... on current IDEs and need to be updated. Certainly hooklogger ... mechanisms for finding bad cells on the Emulator ... and I unde... new memory tracking tools for analysing leaks, and these need...
Using Carbide.c++/ru	update	20110825043236	hamishwillee	The original text is based on a Symbian Press booklet and was ... v2.0.4 release. Carbide.c++ is now at v3.2 (or later) so this arti... and possible refresh.
How to get KeyCode , Screen Size & Device platform in Java ME ?	update	20120927060920	hamishwillee	This is a code dump, not an article. Explanation required of the... ideally a buildable example and links to associated reference ma...
Carbide.c++ Professional (RU)	update	-		Carbide branding has simplified and it is likely that this is out o... probably delete and simply point to the information on http://www.developer.nokia.com/Resources/Tools_and_download...
Properties in Qt and Symbian	update	20110415041404	hamishwillee	While it remains largely accurate it states that Qt doesn't allow... through IPC. Now out of date due to introduction of Publish & S...
Unit testing with JMUnit and NetBeans IDE	update	20130724005637	hamishwillee (talk)	Instructions are not clear and it is not obvious what versions of... and what devices have been tested on. It is likely that this is ve...
Ovi地图JavaME Location API开发介绍	update	20130618050032	hamishwillee	Very out of date - the location API is now part of the SDK and h... number of revisions.
Open Signed Offline (Symbian Signed) zh-hans	update	20111114024911	hamishwillee	"open signed offline branding no longer used. Developer Certifi... obtained from any SS login for a number of phones, or you can ... account to get access on more. This needs to be aligned with S... user guide and category page.
Another Prototype Java ME payment API using HTTP	update	20110826001515	hamishwillee	JSR-229 is not supported on Nokia phones. It is not clear wheth... would work and whether there are alternatives on Nokia platfor... expert on Java ME though, so if a java me expert could commer... title for the article and whether the code is "good", that would ... update this article appropriately
Windows phone诊断工具	update	20130719040400	hamishwillee (talk)	This tool only applies to Windows Phone 7.5. Original article has...
How to install new themes in the S60 3rd Edition emulator	update	20121117213738	lpvalente	The information in this TS needs to be updated, it does not ref... TSS000614 - SIS installation on the S60 3rd Edition emulator --
Timer correction on Nokia devices (Known Issue)	update	20120820003810	hamishwillee	Perhaps could be extended with a reference to RChangeNotifier... RTimer/User::At-s completing prematurely.
Image usability design guidelines	update	20120508024911	hamishwillee	Content is ok but images/examples are outdated. Should be up... Belle or Windows Phone examples.
Symbian: playing with fonts	update	20120927055235	hamishwillee	The article has no explanation or links to official documentation... extended minimally to link to reference documentation for Sym... have a brief explanation of the code.
VoIP приложения	update	20110823063446	hamishwillee	Article lists a number of VoIP applications at the time it was wri... the article should be updated with more current VoIP applicatio... Ovi store) or it should be deleted.
Symbian discussion forums and newsgroups	update	20110510055247	hamishwillee	The article was written in 2007 and has not had a significant u... I've removed links to now defunct Symbian.com). The resource... as they are very old, and probably this whole document should ... "About Symbian C++" topic.
Create your first WRT widget using an IDE	update	20110815055345	hamishwillee	This is based on Aptana IDE, which has been superseded by No... a useful topic but should be updated to use recommended tool...
Sandbox/Hamishwillee/WikiTests/InformationBoxes	update	20110608051524	hamishwillee	There isn't a problem with this article, this is just a note for de...
Threaded Conversation View Design	update	20120508053806	hamishwillee	The threaded/non-threaded images below aren't very good - th... with messages associated with a particular user. A good image ... conversation view on a phone where sent/received messages ar... to each other, in order. Alternatively, a facebook view.
Internationalization for JavaME	update	20130723064644	hamishwillee (talk)	Name doesn't match content, and in any case this is extremely... Suggest this can probably be removed, or renamed "How to ge...
A Error of Nokia Web Tools 1.2.1	update	20111019045650	hamishwillee	Useful information if true. Best to raise a defect in the bug syst... particularly sufficient - should link to SDK in the ArticleMetaDa...
Bondi Widget porting example - devicestatus API	update	20110601063634	hamishwillee	The article is dependent on a wgt package from Bondi that is n... (Charge.wgt) because the site has merged with another. If anyo... linked package this header can be removed.
Bondi Widget porting example - standard Javascript	update	20111128024827	hamishwillee	The test widget package on which this depends is no longer av... (/bondi.webvm.net/test.wgt). This needs to be relocated or the ... updated to work off a new base widget.
No more portings-designing scalable games	update	20120809052623	hamishwillee	The article suggests a pattern for allowing you to determine at... run, allowing a single JAR to support multiple device configurati... very clearly described. If this has value it needs to be described... links to other documents on this pattern, and other patterns wh... achieve similar results. Title needs to be better too. Something ... covered in Creating a Map Type Selector for the Maps API for Jav... similar by detecting the presence of a particular class needed.
How to write unit test case using J2ME unit ?	update	20120927061138	hamishwillee	This is a code dump, not an article. Ideally this should have son... along with a downloadable zip file example, and a link to referer... unit.
Different application caption strings	update	20120130060510	hamishwillee	The article only explains 2 of the captions strings. Presumably i... string which is used by the installer. This article also refers to ai... updated to refer to the S60 3rd Edition resource file name (I be... the same other than the file name)
Which S60 SDK should I use?	update	20120208235136	hamishwillee	Article should add Symbian^3 SDK and also explain clearly tha... recommended instead of Symbian C++
Bondi Widget porting example - geolocation API	update	20110601063854	hamishwillee	The article is dependent on a wgt package from Bondi that is n... (geo.wgt) because the site has merged with another. If anyone ... package this header can be removed.

Note, this depends on Template:ArticleNeedsUpdate.dpl

Default appearance

The default appearance of the template, without the unnamed explanatory parameter specified, is shown below:

This article needs to be updated: If you found this article useful, please fix the problems below then delete the {{ArticleNeedsUpdate}} template from the article to remove this warning.

Reasons:
PLEASE STATE REASON(S) FOR UPDATE.