



This table lists common mobile application use cases. For each use case, links to corresponding code snippets (CS) are provided. This way developers can more easily find snippets in different programming languages and runtimes.

If you notice that a relevant use case is missing from the list, or a snippet is mapped to a wrong use case, please let us know by adding a note in the [Comment](#) tab.

Currently only the code snippets published in the Forum Nokia Wiki are linked to. If you know that a use case is documented somewhere else, you may add your suggestion in the comment tab. We will then evaluate if the resource can be added to the list.

This table lists common mobile application use cases with links to corresponding code snippet (CS) articles in different programming languages and runtimes supported by Nokia devices: [Qt](#), [Symbian C++](#), [Open C/C++](#), [Java ME](#), [Web Runtime](#), and [Flash Lite](#).

## Give feedback

Currently only references to the Forum Nokia code snippets are listed. If you know that a use case is documented somewhere else, or if you notice an error, please let us know by adding a note in the [Comment](#) tab. You may also add a suggestion for a new, relevant use case.

## Legend

CS123456	Use case possible (link to a snippet provided).
-	Use case should be possible (no code snippets available).
N/A	Use case not possible.
S60 MobileExt	Use case possible with Mobile Extensions for Qt for S60.

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[Telephony](#) | [Messaging](#) | [Networking](#) | [Base/System](#) | [System information](#) | [Profiles](#) | [Hardware](#) | [Files/Data](#) | [PIM](#) | [Application Framework](#) | [UI](#) | [Personalisation](#) | [Graphics](#) | [Imaging/Camera](#) | [Audio/Video](#) | [Browsing and Download](#) | [Games](#) | [Localisation](#) | [Help](#) | [Location](#) | [Development process](#) | [Testing/Debugging](#) |

Installation

Use case	Qt	Symbian C++	Open C/C++/RGA	Java ME	Web Runtime	Flash Lite
<b><i>Telephony</i></b>						
making a phone call programmatically	<u>S60 MobileExt</u>	<u>CS001026</u>	N/A	<u>CS000956</u>	N/A	N/A
making a phone call (user intervention required)	<u>S60 MobileExt</u>	-	N/A	<u>CS000955</u>	N/A	N/A
hanging up a phone call	N/A	<u>CS001383</u>	N/A	N/A	N/A	N/A
retrieving information on a phone call	<u>S60 MobileExt</u>	<u>CS001063</u> , <u>CS001032</u>	N/A	N/A	N/A	N/A
retrieving log events (e.g., calls)	N/A	<u>CS000849</u>	N/A	N/A	<u>CS001231</u>	<u>CS001283</u>
<b><i>Messaging</i></b>						
sending an SMS message	<u>S60 MobileExt</u>	-	N/A	<u>CS000976</u> , <u>CS000977</u>	<u>CS001242</u>	<u>CS001249</u>
sending an MMS message	<u>S60 MobileExt</u>	<u>CS001379</u>	N/A	<u>CS000978</u>	<u>CS001239</u>	-
listening for incoming SMS messages	<u>S60 MobileExt</u>	<u>CS001381</u>	N/A	<u>CS000981</u> , <u>CS000980</u>	<u>CS001236</u>	<u>CS001250</u>
listing messages in inbox	N/A	-	N/A	N/A	<u>CS001246</u>	<u>CS001252</u>
removing a message	N/A	<u>CS001380</u>	N/A	N/A	<u>CS001241</u>	<u>CS001251</u>
changing the read status of a message	-	-	-	N/A	<u>CS001365</u>	-
providing a "send via" functionality	N/A	-	N/A	N/A	-	-
playing a message	N/A	<u>CS001119</u>	N/A	N/A	N/A	N/A
<b><i>Networking</i></b>						
filtering internet access points	<u>S60 MobileExt</u>	<u>CS000837</u>	N/A	N/A	N/A	N/A
using an already active connection	N/A	<u>CS000825</u>	N/A	N/A	N/A	N/A
<b><i>Bluetooth:</i></b>						
using a device selection UI	N/A	<u>CS000910</u>	N/A	N/A	N/A	N/A
discovering devices	N/A	<u>CS000936</u>	N/A	<u>CS001211</u>	N/A	N/A
discovering services	N/A	<u>CS000937</u>	N/A	<u>CS001213</u>	N/A	N/A
service advertising & listening to connections	N/A	<u>CS000938</u>	N/A	<u>CS001212</u>	N/A	N/A

Code\_snippets\_table\_for\_common\_use\_cases

defining the transfer protocol (RFCOMM/L2CAP)	N/A	-	N/A	-	N/A	N/A
opening multiple connections	N/A	-	N/A	-	N/A	N/A
opening a socket	N/A	<u>CS000939</u>	N/A	-	N/A	N/A
closing a socket	N/A	-	N/A	-	N/A	N/A
sending data	N/A	-	N/A	-	N/A	N/A
setting discoverability mode	N/A	<u>CS000838</u>	N/A	<u>CS001310</u>	N/A	N/A
prompting to switch on Bluetooth	N/A	-	N/A	N/A	N/A	N/A
deleting bluetooth device from the registry	N/A	<u>CS001064</u>	N/A	N/A	N/A	N/A
retrieving bluetooth device's local name	N/A	<u>CS001064</u>	N/A	<u>CS001323</u>	N/A	N/A
communicating with remote targets	N/A	<u>CS001034</u>	N/A	-	N/A	N/A

Use case	Qt	Symbian C++	Open C/C++/RGA	Java ME	Web Runtime	Flash Lite
<i>Base/System</i>						
using software installer programmatically	<u>S60</u> <u>MobileExt</u>	<u>CS000817</u>	N/A	N/A	N/A	N/A
exception handling	-	<u>CS000882</u>	<u>CS001141</u>	-	N/A	N/A
reading and writing persistent settings	<u>S60</u> <u>MobileExt</u>	<u>CS000908</u> , <u>CS000909</u>	-	N/A	<u>CS001374</u>	N/A
scheduling delayed execution	N/A	<u>CS000986</u> , <u>CS000987</u> , <u>CS000988</u> , <u>CS000989</u> , <u>CS000990</u> , <u>CS000991</u> , <u>CS000992</u>	<u>CS001140</u> , <u>CS001102</u>	-	-	-
creating parallel execution paths (threads / active objects)	-	<u>CS000867</u>	-	<u>CS001321</u>	N/A	N/A
synchronizing resource access (Symbian:mutex, semaphore; Java:synchronize)	-	<u>CS000969</u>	-	<u>CS001320</u>	N/A	N/A
	-		-	-	N/A	N/A

Code\_snippets\_table\_for\_common\_use\_cases

splitting execution to asynchronous blocks		<u>CS000982,CS000983,CS001010</u>				
cancelling an asynchronous function call	-	-	-	-	<u>CS001177</u>	-
custom cleanup	N/A	<u>CS000985</u>	-	-	N/A	N/A
using plugins	<u>CS001391</u>	<u>CS000834,CS0000835,CS000836</u>	-	-	N/A	N/A
generating random-value integers	<u>CS001350</u>	-	<u>CS000890</u>	-	-	-
using arguments	-	-	<u>CS000898</u>	-	-	-
using string conversions	<u>S60</u> <u>MobileExt</u>	-	<u>CS000891,CS000897,CS001100,CS001143</u>	-	-	-
sorting data types, classes, structs	-	-	<u>CS001098,CS001099</u>	-	-	-
<b><i>System information</i></b>						
checking battery level	<u>S60</u> <u>MobileExt</u>	<u>CS000902</u>	-	<u>CS001201</u>	<u>CS001247</u>	-
checking network strength	<u>S60</u> <u>MobileExt</u>	-	-	<u>CS001202</u>	<u>CS001234</u>	<u>CS001281</u>
identifying platform version	<u>S60</u> <u>MobileExt</u>	<u>CS000933</u>	-	-	-	-
getting cell id	N/A	-	-	<u>CS000947</u>	-	-
retrieving product information	<u>S60</u> <u>MobileExt</u>	-	-	-	-	<u>CS001282</u>
checking APIs	N/A	-	-	<u>CS000960</u>	-	-
feature discovery	<u>S60</u> <u>MobileExt</u>	-	-	-	-	-
checking runtime version	-	-	-	<u>CS001357</u>	-	-
checking machine id at run-time	N/A	-	-	N/A	-	<u>CS001279</u>
checking machine id at installation-time	N/A	-	-	N/A	N/A	N/A
checking product (=platform) id at run-time	N/A	-	-	-	-	-

Code\_snippets\_table\_for\_common\_use\_cases

checking product (=platform) id at installation-time	N/A	-	-	N/A	N/A	N/A
retrieving memory information	<u>S60</u> <u>MobileExt</u>	-	-	-	<u>CS001232</u>	-
checking memory card existence	N/A	<u>CS000827</u>	-	<u>CS001200</u>	<u>CS001232</u>	<u>CS001280</u>
<b>Profiles</b>						
checking current profile	<u>S60</u> <u>MobileExt</u>	<u>CS001024</u>	-	N/A	-	-
changing profile	<u>S60</u> <u>MobileExt</u>	-	-	N/A	-	-
editing profile settings	<u>S60</u> <u>MobileExt</u>	<u>CS001294</u>	-	N/A	-	-
<b>Hardware</b>						
controlling lights	<u>S60</u> <u>MobileExt</u>	<u>CS000912</u>	-	<u>CS001270</u> , <u>CS000957</u>	<u>CS001248</u>	-
controlling vibra	<u>S60</u> <u>MobileExt</u>	<u>CS000911</u> , <u>CS001164</u>	-	<u>CS001258</u>	<u>CS001368</u>	<u>CS001255</u>
<b>Sensors:</b>						
obtaining the number of sensors	N/A	<u>CS000886</u>	-	<u>FNWiki</u>	-	-
displaying information about available sensors	N/A	<u>CS000887</u>	-	<u>FNWiki</u>	-	-
displaying sensor data	<u>S60</u> <u>MobileExt</u>	<u>CS000914</u>	-	<u>FNWiki</u>	-	<u>CS001253</u>
listening for rotation sensor data events	<u>S60</u> <u>MobileExt</u>	<u>CS000913</u>	-	-	-	<u>CS001287</u>
listening for accelerometer sensor data events	<u>S60</u> <u>MobileExt</u>	<u>CS000888</u>	-	<u>FNWiki</u>	-	-
reducing accelerometer sensor noise	<u>S60</u> <u>MobileExt</u>	<u>CS000915</u>	-	-	-	-

Use case	Qt	Symbian C++	Open C/C++/RGA	Java ME	Web Runtime	Flash Lite
<b>Files/Data</b>						
storing application settings	-	<u>CS000967</u>	-	<u>CS001265</u>	-	-

Code\_snippets\_table\_for\_common\_use\_cases

using databases	N/A	<a href="#">CS000925</a> , <a href="#">CS000926</a> , <a href="#">CS000927</a> , <a href="#">CS000928</a> , <a href="#">CS000929</a> , <a href="#">CS000930</a>	-	-	-	-
parsing contacts details from informal text	-	<a href="#">CS000931</a>	-	-	-	-
managing archives	-	<a href="#">CS000948</a> , <a href="#">CS000949</a> , <a href="#">CS000950</a>	-	-	-	-
managing media files	-	<a href="#">CS001036</a>	-	-	-	<a href="#">CS001224</a>
opening files, handling mime types	N/A	<a href="#">CS001050</a> , <a href="#">CS001052</a> , <a href="#">CS001053</a> , <a href="#">CS001054</a>	-	-	<a href="#">CS001371</a>	-
listing PIM databases	N/A	-	-	<a href="#">CS000972</a>	-	-
reading resources	<a href="#">S60</a> <a href="#">MobileExt</a>	-	-	<a href="#">CS000979</a> , <a href="#">CS001006</a>	-	-
creating temporary files	-	-	<a href="#">CS000889</a>	-	-	-
reading and writing files	-	-	<a href="#">CS001114</a> , <a href="#">CS001115</a>	<a href="#">FNWiki</a> , <a href="#">FNWiki</a>	-	-
checking file status	-	-	<a href="#">CS001101</a> , <a href="#">CS001116</a>	-	-	-
encrypting and decrypting	N/A	-	<a href="#">CS000944</a>	<a href="#">CS001314</a>	-	-
shuffling data	N/A	-	<a href="#">CS001142</a>	-	-	-
<b><i>PIM</i></b>						
<b><i>Calendar:</i></b>						
adding a new event	N/A	-	-	<a href="#">CS001198</a>	<a href="#">CS001233</a>	<a href="#">CS001214</a>
modifying an existing event	N/A	-	-	<a href="#">CS001188</a>	<a href="#">CS000942</a>	<a href="#">CS001291</a>
deleting an event	N/A	-	-	<a href="#">CS001358</a>	<a href="#">CS001233</a>	<a href="#">CS001216</a>
showing calendars and events	N/A	-	-	<a href="#">CS001189</a> <a href="#">CS001361</a>	<a href="#">CS001244</a> , <a href="#">CS001278</a>	<a href="#">CS001222</a>
importing an event	N/A	<a href="#">CS001027</a>	-	<a href="#">CS001197</a>	<a href="#">CS001237</a>	<a href="#">CS001220</a>
	N/A	<a href="#">CS001028</a>	-	<a href="#">CS001186</a>	<a href="#">CS001237</a>	<a href="#">CS001218</a>

## Code\_snippets\_table\_for\_common\_use\_cases

exporting an event						
adding calendars	N/A	-	-	-	<a href="#">CS0012230</a>	-
deleting calendars	N/A	-	-	-	<a href="#">CS0012230</a>	-
changing calendar settings	N/A	<a href="#">CS001038</a>	-	-	-	-
<b><i>Date/time/clock:</i></b>						
converting time zones	N/A	<a href="#">CS000847</a>	-	<a href="#">CS001199</a>	-	-
displaying time and date	-	<a href="#">CS001007</a> , <a href="#">CS001008</a>	<a href="#">CS001143</a>	<a href="#">CS001311</a>	<a href="#">CS001229</a>	-
changing clock settings	N/A	<a href="#">CS001037</a>	-	N/A	-	-
monitoring alarms	N/A	<a href="#">CS001120</a>	-	N/A	-	-
<b><i>Phonebook / Contacts:</i></b>						
finding/viewing contacts	<a href="#">S60 MobileExt</a>	-	-	<a href="#">CS001184</a> , <a href="#">CS001360</a>	<a href="#">CS001235</a>	<a href="#">CS001223</a>
adding a contact	<a href="#">S60 MobileExt</a>	-	-	<a href="#">CS001183</a>	<a href="#">CS001238</a>	<a href="#">CS001215</a>
adding a contact to a group	-	-	-	-	<a href="#">CS001362</a>	-
managing phonebook groups	-	-	-	-	<a href="#">CS001373</a>	-
modifying a contact	<a href="#">S60 MobileExt</a>	-	-	<a href="#">CS001185</a>	<a href="#">CS001240</a>	<a href="#">CS001284</a>
deleting a contact	<a href="#">S60 MobileExt</a>	-	-	<a href="#">CS001359</a>	<a href="#">CS001243</a>	<a href="#">CS001217</a>
organising contacts	N/A	-	-	-	-	<a href="#">CS001225</a>
importing a vCard	N/A	<a href="#">CS000900</a>	-	<a href="#">CS001187</a>	-	<a href="#">CS001221</a>
exporting a vCard	N/A	<a href="#">CS000901</a>	-	<a href="#">CS001210</a>	-	<a href="#">CS001219</a>
assigning images to contacts	<a href="#">S60 MobileExt</a>	<a href="#">CS001138</a>	N/A	N/A	N/A	N/A

Use case	Qt	Symbian C++	Open C/C++/RGA	Java ME	Web Runtime	Flash Lite

Code\_snippets\_table\_for\_common\_use\_cases

<i>Application Framework</i>						
listing installed applications	-	-	N/A	N/A	<u>CS001160</u>	<u>CS001257</u>
launching an installed application	<u>CS001354</u>	<u>CS000828</u>	N/A	N/A	<u>CS001162</u>	<u>CS001256</u>
triggering application launch	N/A	-	N/A	<u>CS001387</u>	N/A	N/A
pausing application on incoming call or message	-	<u>CS000863</u> , <u>CS000883</u>	-	<u>CS000975</u>	-	-
detecting focus change	-	-	<u>CS001111</u>	-	-	-
loading libraries	-	<u>CS001009</u>	-	N/A	N/A	N/A
getting UI environment pointer	N/A	<u>CS001057</u>	N/A	N/A	N/A	N/A
<i>UI</i>						
adding S60 Options menu and panes	<u>CS001351</u>	-	N/A	-	<u>CS001402</u>	-
drawing standard borders	-	<u>CS000862</u>	N/A	-	-	-
switching views	N/A	<u>CS001378</u> , <u>CS000848</u>	N/A	<u>CS000973</u>	-	-
calculating text width	<u>CS001349</u>	-	N/A	-	-	-
setting label fonts	-	<u>CS000833</u>	N/A	<u>CS001316</u>	-	-
drawing custom borders	-	<u>CS000824</u>	N/A	-	-	-
adding scrollbars	-	<u>CS000823</u>	N/A	-	-	-
listening for scrollbar events	-	<u>CS000884</u>	N/A	-	-	-
receiving key events	<u>CS001352</u>	N/A	N/A	<u>CS001315</u>	<u>CS000943</u>	-
listening for window server events	<u>CS001353</u>	-	N/A	-	-	-
changing display orientation	-	-	-	-	<u>CS001366</u>	-
using indicators	-	<u>CS000818</u> , <u>CS001121</u>	N/A	N/A	N/A	N/A
using custom controls	-	<u>CS000859</u> , <u>CS000860</u> , <u>CS000861</u> , <u>CS000868</u>	N/A	<u>CS001267</u>	-	-
using custom dialogs	-	<u>CS000870</u> , <u>CS001165</u>	N/A	<u>CS000946</u>	-	-
	-		N/A	-	-	-

Code\_snippets\_table\_for\_common\_use\_cases

using custom scrollbars		<u>CS000869</u> , <u>CS000885</u>				
using interpolation	-	<u>CS001166</u>	N/A	-	-	-
using listboxes	-	-	N/A	<u>CS001266</u>	<u>CS000941</u>	-
using grids	-	-	N/A	-	<u>CS000940</u>	-
using notes	-	<u>CS000945</u>	N/A	<u>CS001312</u>	-	-
using dialogs	-	<u>CS001056</u> , <u>CS001062</u>	N/A	<u>CS001312</u>	-	-
using queries	-	<u>CS001055</u> , <u>CS001059</u> , <u>CS001060</u> , <u>CS001061</u>	N/A	-	-	-
managing layouts	<u>CS001308</u> , <u>CS001309</u>	-	N/A	-	-	-
using radio buttons	-	<u>CS001118</u>	N/A	-	-	-
catching menu events	-	<u>CS001117</u>	N/A	-	<u>CS001364</u>	-
handling touch UI events	-	<u>CS001144</u> , <u>CS001145</u> , <u>CS001146</u> , <u>CS001147</u> , <u>CS001148</u> , <u>CS001163</u> , <u>CS001164</u>	N/A	-	-	-
showing text input	-	-	<u>CS001112</u>	-	-	-
enabling and disabling keypad lock	N/A	<u>CS000932</u>	N/A	N/A	N/A	N/A

Use case	Qt	Symbian C++	Open C/C++/RGA	Java ME	Web Runtime	Flash Lite
<b><i>Personalisation (themes, ringtones)</i></b>						
using skins	N/A	<u>CS001025</u>	N/A	N/A	N/A	N/A
accessing screensaver settings	N/A	<u>CS001039</u>	N/A	N/A	N/A	N/A
setting ringtones	N/A	<u>CS001294</u>	-	N/A	-	-
<b><i>Graphics</i></b>						
adding an application icon	<u>CS001351</u>	<u>CS000808</u>	-	<u>CS000958</u>	-	-
loading images	-	-	-	-	<u>CS001245</u>	-
rotating bitmaps and images	-	<u>CS000866</u> , <u>CS001139</u>	-	<u>CS001263</u>	-	-
scaling bitmaps	<u>CS001347</u> , <u>CS001346</u>	<u>CS000984</u>	<u>CS001109</u>	<u>CS001269</u>	-	-

Code\_snippets\_table\_for\_common\_use\_cases

converting bitmap to JPEG	-	<u>CS000906</u>	-	-	-	N/A
avoid flickering with double-buffering	-	<u>CS001049</u>	-	<u>CS001268</u>	<u>CS001363</u>	-
creating effects	-	-	<u>CS001110</u>	<u>CS001319</u>	-	N/A
drawing	-	-	<u>CS001113</u>	<u>CS001313</u> , <u>CS001272</u>	-	-
using animation	-	-	-	<u>CS001271</u>	-	-
changing background colour	<u>CS001348</u>	-	-	N/A	-	-
<b><i>Imaging/Camera</i></b>						
<b><i>Camera:</i></b>						
taking a picture	<u>S60</u> <u>MobileExt</u>	<u>CS000904</u>	N/A	<u>CS001259</u>	N/A	-
saving a captured image	-	<u>CS000905</u>	N/A	<u>CS001261</u>	N/A	-
displaying viewfinder data	<u>S60</u> <u>MobileExt</u>	<u>CS000907</u>	N/A	-	N/A	-
handling (releasing) camera resource	-	<u>CS000821</u>	N/A	<u>CS001262</u>	N/A	-
checking if the camera is running	-	<u>CS000815</u>	N/A	-	N/A	-
determining the number of cameras	-	<u>CS000826</u>	N/A	<u>CS001273</u>	N/A	-
using autofocus	<u>S60</u> <u>MobileExt</u>	<u>CS000954</u>	N/A	N/A	N/A	-
reading image information	-	<u>CS000968</u>	N/A	-	-	-
<b><i>Audio/Video</i></b>						
finding audio and video formats	N/A	<u>CS000899</u>	-	<u>CS001260</u>	N/A	N/A
playing multichannel audio	N/A	<u>CS000916</u>	-	-	-	-
managing key sounds	N/A	<u>CS000951</u> , <u>CS000952</u> , <u>CS000953</u>	-	N/A	-	-
configuring speech encoders (e.g., AMR)	N/A	<u>CS001030</u>	N/A	N/A	N/A	N/A
converting text-to-speech	N/A	<u>CS001031</u>	N/A	N/A	N/A	N/A
accessing video encoders	N/A	<u>CS001065</u>	N/A	N/A	N/A	N/A
using audio adjustments in the audio player	N/A	<u>CS001130</u> , <u>CS001131</u> , <u>CS001132</u> , <u>CS001133</u> , <u>CS001134</u> ,	N/A	N/A	N/A	N/A

Code\_snippets\_table\_for\_common\_use\_cases

		<u>CS001135</u> , <u>CS001136</u>				
Use case	Qt	Symbian C++	Open C/C++/RGA	Java ME	Web Runtime	Flash Lite
<b><i>Browsing and Download</i></b>						
open html pages and links in browser	-	<u>CS001385</u> , <u>CS001386</u>	-	<u>CS000974</u>	<u>CS001372</u>	-
<b><i>Games</i></b>						
detecting collisions	-	<u>CS000865</u>	-	<u>CS000959</u>	N/A	-
<b><i>Localisation</i></b>						
localising application strings	-	<u>CS000807</u>	N/A	<u>CS001094</u> , <u>CS001095</u> , <u>CS001096</u>	<u>CS001370</u>	-
localising application help	-	<u>CS000810</u>	N/A	-	-	-
localising application menus	-	<u>CS000811</u>	N/A	-	-	-
localising number format	-	<u>CS000855</u>	N/A	-	-	-
localising currency	-	<u>CS000856</u>	N/A	-	-	-
localising timestamps	-	<u>CS000857</u>	N/A	<u>CS001322</u>	-	-
using localised images	-	<u>CS000858</u>	N/A	<u>CS001317</u>	<u>CS001369</u>	-
<b><i>Help</i></b>						
implementing CS Help	N/A	<u>CS000809</u>	N/A	N/A	N/A	N/A
localising application help	-	<u>CS000810</u>	N/A	-	-	-
<b><i>Location</i></b>						
searching for GPS devices	N/A	<u>CS000822</u>	N/A	<u>FNWiki</u>	-	-
finding position	<u>S60 MobileExt</u>	<u>CS001376</u> , <u>CS001377</u>	N/A	<u>FNWiki</u>	<u>CS001161</u>	<u>CS001289</u>
tracking changes in location	<u>S60 MobileExt</u>	-	N/A	<u>FNWiki</u>	<u>CS001176</u>	<u>CS001293</u>
calculating the distance	-	<u>CS001375</u>	N/A	-	<u>CS001175</u>	<u>CS001286</u>
launching location settings	-	<u>CS001035</u>	N/A	N/A	-	-
<b><i>Landmarks:</i></b>						
adding a landmark	<u>S60 MobileExt</u>	-	N/A	-	-	<u>CS001285</u>

Code\_snippets\_table\_for\_common\_use\_cases

modifying a landmark	N/A	-	N/A	-	-	<u>CS001292</u>
exporting landmarks	N/A	-	N/A	-	-	<u>CS001288</u>
importing landmarks	N/A	-	N/A	-	-	<u>CS001290</u>

Use case	Qt	Symbian C++	Open C/C++/RGA	Java ME	Web Runtime	Flash Lite
<b><i>Development process</i></b>						
using command line arguments	-	-	<u>CS000903</u>	N/A	-	-
deploying and exporting files	<u>CS001423</u> , <u>CS001424</u>	-	-	-	-	-
<b><i>Testing/Debugging</i></b>						
displaying error texts	-	<u>CS000965</u>	-	-	-	-
resolving error texts	-	<u>CS000966</u>	-	-	-	-
<b><i>Installation</i></b>						
creating dependencies	-	<u>CS001097</u>	-	N/A	N/A	N/A
showing manufacturer disclaimer	-	<u>CS000934</u> , <u>CS000935</u>	-	N/A	-	-