



As a response to the frequent requests expressed by the 3rd party developers for more internal APIs to be released, Forum Nokia is providing the S60 API Partnering process through which any developer can apply for access to the APIs needed to implement a given functionality. Whether the request is approved or not it all depends on the business justification provided and the current status of the APIs (binary compatibility breaks, API deprecation, security considerations ...)

The receiver of the API should understand that despite the initial testing, which is intended to show that the API works on the targeted device, no guarantees can be given with regards to the binary compatibility or the availability of the API across platform version or even within devices released based on the current platform version.

As the number of processed API Partnering requests grew, the decision was made that some of the partnered APIs are released to the whole developer community. However, due to the above mentioned binary compatibility issues the release was made without any marketing campaign and the API Packages were released in archived mode.

The following very important message accompanies the plug-in and is also included in each API's release notes, please read carefully:

PLEASE NOTICE THE FOLLOWING ISSUES WITH THESE APIs:

1. Nokia is not giving any binary compatibility promise for these APIs; neither between platform versions or within a platform version.
 2. You must test your application with each device that the application can be installed on. This is needed to ensure the best possible user experience. To prevent application installation on other than tested devices, define the Product ID(s) (also known as Machine UID) in the .pkg file. More information can be found in the document S60 Platform: Identification Codes available on the Forum Nokia Web site.
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The API plug-in package is also covered by a click through Limited License Agreement (LLA), the content of which is also included in the package. The use of the API included in the API Plug-in assumes that the LLA is implicitly accepted.

Note!

The content of the Limited License Agreement (LLA) has been updated to address the concerns regarding the usage of the API in 3rd Party projects.

The Plug-ins

Currently the following API Plug-in packages are available:

API Plug-in for the S60 3rd Edition SDK for Symbian OS, for C++, MR

- Package URL: [Extensions plug-in package for S60 3rd Edition SDK for Symbian OS, for C++, MR](#)
- Current version: 5.43
- Included APIs: 41

The following APIs are included:

<u>Adaptive History List API</u>	<u>AIW Criteria API</u>
<u>AIW Generic Parameters API</u>	<u>AIW Service Handler API</u>
<u>Audio Metadata Reader API</u>	<u>Audio Proxy Server API</u> v2.43 ***
<u>Bluetooth Engine API</u>	<u>Browser Launcher API</u>
<u>Camera Application Engine API</u>	<u>CR Keys To Control Phone Volume API</u>
<u>Data Connection Log Counters API</u>	<u>Extended AIW Criteria API</u>
<u>Extended Skins API</u>	<u>Item Finder API</u>
<u>KAccessoryModeChanged API</u>	<u>KAlarmClockOne API</u>
<u>KCoreAppUIsNewEmailStatus API</u>	<u>Logs Client API</u>
<u>Logs Timers API</u>	<u>Media Player Engine API</u>
<u>Media Recorder API</u>	<u>Meeting Request API</u>
<u>WLAN Management API</u>	<u>New File Service Client API</u>
<u>OMA Provisioning Adapter API</u>	<u>Personalisation Skins Settings API</u>
<u>Phone Client Dial API</u>	<u>Phone Client Extension API</u>
<u>Profiles Engine API</u>	<u>Profiles Engine Extended API</u>
<u>Profile UID API</u>	<u>PS Keys for Call Status & Indicators API</u>
<u>S60 RTP/RTC API</u>	<u>ScShortcuts Engine Wrapper API</u>
<u>Shared Data API</u>	<u>SMS Utilities API</u>
<u>SW Installer Launcher API</u>	<u>SyncML Client API</u>
<u>WLAN Info API</u>	<u>WLAN Settings UI API</u>
<u>PS Keys for WLAN API</u>	

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API Plug-in for the S60 3rd Edition SDK for Symbian OS, for C++, supporting Feature Pack 1

- Package URL: [Extensions plug-in package for S60 3rd Edition SDK for Symbian OS, for C++, supporting Feature Pack 1](#)
- Current version: 2.5
- Included APIs: 42

The following APIs are included:

[Adaptive History List API for 3rd Edition Feature Pack 1](#)

[AIW Generic Parameters API](#)

[Audio Metadata Reader API](#)

[Audio Routing API](#)

[Browser Launcher API](#)

[Data Connection Log Counters API](#)

[Extended Skins API](#)

[KAccessoryModeChanged API](#)

[KCoreAppUIsNewEmailStatus API](#)

[Logs Timers API](#)

[Media Recorder API](#)

[AIW Criteria API](#)

[AIW Service Handler API](#)

[Audio Proxy Server API v2.43 \(deprecated\),***](#)

[Bluetooth Engine API](#)

[CR Keys To Control Phone Volume API](#)

[Extended AIW Criteria API](#)

[Item Finder API](#)

[KAlarmClockOne API](#)

[Logs Client API](#)

[Media Player Engine API](#)

[Meeting Request API](#)

SDK_API_Plug-in

MMFDevSound API

New File Service Client API

Personalisation Skins Settings API

Phone Client Extension API

Profile UID API

S60 RTP/RTC API

Settings Framework API

SW Installer Launcher API

WLAN Info API

Call Audio Control API ***

Music Player Remote Control API

OMA Provisioning Adapter API

Phone Client Dial API

Profiles Engine Extended API

PS Keys for Call Status & Indicators
API

ScShortcuts Engine Wrapper API

SMS Utilities API

SyncML Client API

WLAN Management API

VoIP Audio Service API ***

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API Plug-in for the S60 3rd Edition SDK for Symbian OS, for C++, supporting Feature Pack 2

- Package URL: [Extensions plug-in package for S60 3rd Edition SDK for Symbian OS, for C++, supporting Feature Pack 2](#)

The Plug-ins

SDK_API_Plug-in

- Current version: 1.2
- Included APIs: 48

The following APIs are included:

Adaptive History List API for 3rd Edition Feature Pack 2

Audio Metadata Reader API

Alarm Clock One API

Browser Launcher API

CS001027 - Calendar Importer API (new)

Call Audio Control API ***

CS001037 - Clock Settings API (new)

Data Connection Log Counters API

Extended Skins API

KCoreAppUIsNewEmailStatus API

Logs Timers API

CS001065 - MDFDevVideo Record API (new)

CS001036 - Media File API (new)

Media Recorder API

MMFDevSound API

CS001033 - NSSTTS Common API (new)

OMA Provisioning Adapter API

Phone Client USSD API (new)

CS001034 - Remote Control Extension API (new)

CS001039 - Screensaver Settings API (new)

Symbian Onboard Camera Advanced Settings API

(CCameraAdvancedSettings) (new)

CS001030 - Speech Encoder Config API (new)

CS001026 - AIW Dial Data Consumer API (new)

Audio Routing API ? Input and Output (new)

CS001064 - Bluetooth Engine API S60 3rd Edition, FP2 (new)

CS001028 - Calendar Exporter API (new)

CS001038 - Calendar Settings API (new)

Camera Application Engine API

CommsDat WLAN API (new)

Extended AIW Criteria API

Item Finder API

CS001035 - Location Settings Launch API (new)

CS001032 - Logs UI Command Line API (new)

MDFDevVideo Playback API (new)

Media Player Utility API (new)

Media Recorder Sink API

New File Service Client API

CS001031 - NSSTTS Utility API (new)

CS001025 - Personalisation and Skins Settings API

CS001024 - Profiles Engine Active Profile Settings API (new)

S60 RTP/RTC API

Settings Framework API

SMS Utilities API

SW Installer Launcher API

SDK_API_Plug-in

Send UI Technology Mail Uid Value
API

WLAN Info API

VoIP Audio Service API ***

WLAN Management API

API Plug-in for the S60 5th Edition SDK for Symbian OS, for C++

- Package URL: Extensions Plug-ins for S60 3rd Edition and S60 5th Edition SDKs

AIW Dial Data Consumer API

SDK_API_Plug-in

Adaptive History List API for 5th Edition

Alarm Const API

Audio Routing API

Browser Launcher API

Clock Settings API

Data Connection Log Counters API

Extended Skins API

Location Settings Launch API

MDF DevVideoGeneral API

MDF VideoPlayback API

Media Player Utility API

Media Recorder Sink API

New File Service API

NSS TTS Utility API

Personalisation and Skins Settings API

RTP/RTCP API

Settings Framework API

Speech Encoder Config API

SW Installer Launcher API

System Application Notification API

VoIP Audio Service API

WLAN Management API

Audio MetaData Reader API

Audio Visualization API

Calendar Settings Keys API

CommsDat WLAN API

Extended AIW Criteria API

Item Finder API

Logs Timers API

MDF DevVideoRecord API

Media File API

Media Recorder API

MMFDevSound API

NSS TTS Common API

OMA Provisioning Adapter API

Remote Control Extension API

Screensaver Settings API

SMS Utilities API

SRTP API

SyncML Client API

TVOut Engine API

WLAN Info API

*** - Contains a SIS file compatible only with Nokia devices.

FAQ

- **Question:** The API I am using is not working on some devices. Should I report this as a bug against the platform?
 - **Answer:** It is likely that this is due to a scheduled change in API's implementation, however, if you see the bug as also affecting the firmware components then the best approach would be to report it.
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- **Question:** Will there be an announcement that a BC break was introduced in one of the S60 Platform builds if it affects one of the APIs from the plug-in?
 - **Answer:** This kind of notification will be provided on best effort bases.
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- **Question:** The APIs included in the plug-in are poorly documented. Where can I find better documentation?
 - **Answer:** As the APIs were not intended for publishing there is no SDK level documentation available for them. These wiki pages are intended to compensate this documentation gap.
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- **Question:** Are there any example applications available for these APIs?
 - **Answer:** The only API that includes an example application is the [Audio Proxy Server](#). More examples will be added to this wiki page as they will become available. You are of course welcome to contribute.
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- **Question:** One of the existing APIs solves partly my problem but for a full solution I need access to another internal API. Can you provide that API in the same plug-in?

SDK_API_Plug-in

- **Answer:** Each API has been released with a specific use case in mind. If you need some other API to accomplish your task, it is likely that you are outside the intended use case and the only solution for you is the S60 API Partnering process. Please note that if the dependency is on a Symbian owned API, you will have to contact Symbian Ltd. for requesting the API.
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- **Question:** The API I need requires manufacturer granted capabilities. Are these capabilities going to be granted to me?
 - **Answer:** The standard process for requesting manufacturer approved capabilities applies for these APIs too.
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- **Question:** Are you publishing all the frequently requested APIs in these plug-ins?
 - **Answer:** Only the APIs which are considered stable enough and of wide interest are released in this plug-in. A special case is the API needed for creating Active Idle plug-ins as though it otherwise meets the criteria for being released in this plug-in it also requires for the developed 3rd party plug-in to be enabled in the firmware (i.e. firmware variant creation) and this makes the API unusable for most developers.
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- **Question:** Where can I find the WINSCW/GCCE libraries for these APIs?
 - **Answer:** The libraries included in this package are built at a later date than the public SDK. To speed up the release date and to avoid SDK incompatibilities it was decided that the WINSCW libraries will not be published. For the GCCE platform the ARMV5 libraries are used seamlessly.
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- **Question:** Will these APIs work in ALL S60 devices, regardless of the manufacturer?
- **Answer:** These APIs have been tested on a limited set of Nokia devices and there is no binary compatibility promise given even for them. They might work on other devices too but developers are expected to perform thorough testing before distributing applications using these APIs. Please note also the APIs marked with ***, they can only be used after installing binaries on the phone and those binaries are currently only available for Nokia devices.