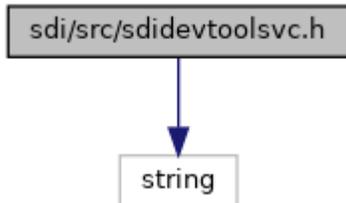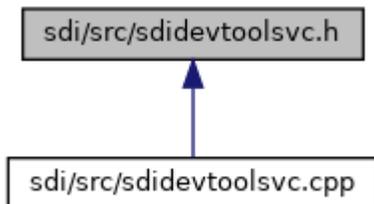# sdidevtoolsvc.h File Reference

```
#include <string>
```
Include dependency graph for sdidevtoolsvc.h:

This graph shows which files directly or indirectly include this file:

[Go to the source code of this file.](#)

Functions

bool	devtoolsvc_supported ()	
bool	devtoolsvc_installed ()	
std::string	devtoolsvc_get_libname ()	
std::string	devtoolsvc_get_build_date ()	
std::string	devtoolsvc_get_version ()	
bool	devtoolsvc_start ()	
void	devtoolsvc_stop ()	

Function Documentation

? devtoolsvc_get_build_date()

std::string devtoolsvc_get_build_date ( )

returns the build date string for the SDI devtool service library

Returns
> build date or an empty string, if SDI devtool service is not supported/installed on this device type.

> This function loads the devtool service library. If loading of the library has already failed before, the function immediately returns an empty string.
> Use function devtoolsvc_stop() to unload the library or to force a new attempt to load the library with this function.
> If the SDI devtool service is supported on this platform, this function immediately returns an empty string and does nothing.

? devtoolsvc_get_libname()

std::string devtoolsvc_get_libname ( )

returns the library name for the SDI devtool service library

Returns
> library name or an empty string, if SDI devtool service is not supported/installed on this device type.

> This function loads the devtool service library. If loading of the library has already failed before, the function immediately returns an empty string.
> Use function devtoolsvc_stop() to unload the library or to force a new attempt to load the library with this function.
> If the SDI devtool service is supported on this platform, this function immediately returns an empty string and does nothing.

? devtoolsvc_get_version()

std::string devtoolsvc_get_version ( )

returns the version string for the SDI devtool service library

Returns
> version string or an empty string, if SDI devtool service is not supported/installed on this device type.

> This function loads the devtool service library. If loading of the library has already failed before, the function immediately returns an empty string.

Use function [devtoolsvc_stop()](#) to unload the library or to force a new attempt to load the library with this function.
If the SDI devtool service is supported on this platform, this function immediately returns an empty string and does nothing.

[?](#) devtoolsvc_installed()

 bool devtoolsvc_installed ( )

check if SDI devtool service library is installed on the system. In addition, the function pre-loads the library for use of API functions below.

Returns
> true if devtool service library is installed and loaded successfully, else false

> If loading of the library has already failed before, the function immediately returns false and does nothing.
> Use function [devtoolsvc_stop()](#) to unload the library or to force a new attempt to load the library with this function.
> If the SDI devtool service is supported on this platform, this function immediately returns false and does nothing.

[?](#) devtoolsvc_start()

 bool devtoolsvc_start ( )

starts the SDI devtool service

Returns
> true if the service was successfully started

> This function loads the devtool service library. If loading of the library has already failed before, the function immediately returns false and does nothing.
> Use function [devtoolsvc_stop()](#) to unload the library or to force a new attempt to load the library with this function.
> If the SDI devtool service is supported on this platform, this function immediately returns false and does nothing.

[?](#) devtoolsvc_stop()

 void devtoolsvc_stop ( )

stops the SDI devtool service, if successfully started with [devtoolsvc_start()](#) before.

> Afterwards the devtool service library is unloaded. In addition, other API functions will attempt to load the devtool service library again with next invocation.
> If the SDI devtool service is supported on this platform, this function immediately returns and does nothing.

[?](#) devtoolsvc_supported()

bool devtoolsvc_supported ( )

check if SDI devtool service is supported on this platform

Returns
> true if devtool service is supported, else false

> Recently this function returns true on Android only.