

Sentinel[®] LDK Licensing API - Delphi (COFF) Sample: Readme

Overview

This sample demonstrates the use of Sentinel LDK Licensing API when using the Delphi 32-bit or 64-bit interface (COFF format).

Additional Information

Supported Operating Systems and Tested Compilers

Refer to the *Sentinel LDK Release Notes* - "Supported Platforms for Code Samples" and "Tested Compilers for Code Samples" sections.

Provided samples were built using Delphi 10 and support Delphi XE 2 and later.

Usage Notes

This section describes how to build the sample.

Building the Sample

To build the `hasp_demo` or `hasp_update` sample program:

1. Open **hasp_demo.dpr** or **hasp_update.dpr** with Delphi IDE.
2. Do one of the following to build the sample:
 - Press Shift+F9.
 - Click **Project > Build** [Project Name].
 - Right-click the project's **.dproj** files in Project Manager, and click **Build**.
3. To use the customer-specific object file:
 - a. Change the name of the object file linked with the sample in the **hasp_helper.inc** file.
 - b. Change the vendor code in the **hasp_vcode.inc** file.

Note: If you are using the External License Manager, it is recommended that you use the **hasp_rt.exe** from the latest Sentinel LDK installation DVD.

Description of the Sample Flow

The sample consists of several functions. The default flow is as follows:

1. Log in to the key.
2. Extract information from the key. The sample reads and writes some information to and from the key.
3. Encrypt and decrypt some test data.
4. Log out from the key.

Sample Program Files

Directory or File	Description
hasp_vcode.inc	The header files containing the Vendor Code. Note: The DEMOMA vendor code has been used for demo purposes.
hasp_helper.inc	The include file that contains CRT functions used by the object file and through which the object file is included.
hasp_unit.pas	The unit source files for static linking of Sentinel Licensing APIs.
hasp_demo.dpr	Delphi sample program that demonstrates the use of Sentinel Licensing APIs.
hasp_update.dpr	Delphi sample that demonstrates how to update licenses by using the Sentinel Licensing APIs.
win32\hasp_demo.exe	Executable built using hasp_windows_delphixe_demo.obj.
win32\hasp_update.exe	Executable built using hasp_windows_delphixe_demo.obj
win32\hasp_windows_delphixe_demo.obj	Win32 COFF object for the DEMOMA batch code.
x64\hasp_demo.exe	Executable built using hasp_windows_x64_delphixe_demo.obj.
x64\hasp_update.exe	Executable built using hasp_windows_x64_delphixe_demo.obj
x64 \hasp_windows_x64_delphixe_demo.obj	x64 COFF object for the DEMOMA batch code.

© Gemalto 2016. All rights reserved. Gemalto, the Gemalto logo, are trademarks and service marks of Gemalto and are registered in certain countries.

DocID 225 Revision 1606-1