Alge-Timing Timy USB

Library for .NET

# Reference- and output-files

The procedure for coding against and using the library is different depending on your project’s Platform Target:

## Platform Target = **x86** or Platform Target = **Any CPU + Prefer 32-bit**

You need to reference the file AlgeTimyUsb.**x86**.dll and always have it in the output folder (by setting Copy Local = true in the references dialog).

## Platform Target = **x64**

You need to reference the file AlgeTimyUsb.**x64**.dll and always have it in the output folder (by setting Copy Local = true in the references dialog).

## Platform Target = Any CPU + **NOT** Prefer 32-bit

You need to reference the file AlgeTimyUsb.**dummy**.dll and **never** have it in the output folder (by setting Copy Local = false in the references dialog).

By referencing this file, you can compile your application and use intellisense, but cannot execute it as the file is missing in the output folder.

By using the code attached in the file **AlgeTimyUsb.Helper.cs**, this is detected and catched during runtime and the appropriate version of the library is loaded depending on the platform the application is running on.

Again: The file AlgeTimyusb.dummy.dll MAY NEVER exist in the output directory or on a customer’s computer. Only either both flavors or only the respective version depending on the customer’s platform where the application is executed.

# Prerequisites

## Visual C++ 2022 Runtime

The library is a managed C++ assembly, and therefore needs to have Microsoft Visual C++ 2022 runtime installed (https://learn.microsoft.com/en-us/cpp/windows/latest-supported-vc-redist?view=msvc-170).

## Trust ZIP-File

Downloaded ZIP files are not trusted by Windows. In order to properly use the Timy USB Sample projects, you have to first mark the ZIP file as trusted before unzipping. Right-click on the ZIP and click “Properties”:

A screenshot of a computer

Description automatically generated