
Subject: Re: Upp and VisualStudio
Posted by [peterh](#) on Wed, 11 Nov 2020 15:37:47 GMT
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If I type "devenv /debugexe hello.exe" from a console, then a new instance of devenv is invoked. I don't know how TheIDE does it, if it opens a new instance of visual studio I would anyway not use it.

First I start Visual Studio (devenv.exe) and import the pdb file. So I have all symbols and sources loaded before I debug.

My program starts like this:

```
GUI_APP_MAIN
{
    for(;;!IsDebuggerPresent();) Sleep(10); // Wait for debugger to attach
        DebugBreak();                      // Stop at next line

    SetLanguage(LNG_ENGLISH);              // <- Program is here after Debugger was attached
    HelloWorld().Run();
}
```

Then I start hello.exe and choose "debug" in taskmanager to attach it to the debugger.

This said, in most cases I use TheIDE standalone.

I intend to use VS only to view inheritance trees, search references to procedures, find implementation of operators, refactoring and more stuff what it can do or can do faster.

Mainly to analyze and understand unknown programs, not so much for selfwritten stuff.

For debugging it has an advantage, it can start and stop threads, in some rare cases this might help.