
Subject: Re: TheIDE support for Visual Studio Build Tools 2022?

Posted by [Lance](#) on Mon, 20 Dec 2021 12:35:56 GMT

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Hi Tom:

I could not get it work. But it's good to notice that MscBuilder.cpp also need to be revised.

Following is the lines that I have changed.

```
enum { VS_2015, VS_2017, BT_2017, VS_2019, VSP_2019, BT_2019, VS_2022, BT_2022 };
DirFinder df;

for(int version = VS_2015; version <= BT_2022; version++)
for(int x64 = 0; x64 < 2; x64++) {
    String x86method = decode(version, VS_2015, "MSVS15",
                               VS_2017, "MSVS17", BT_2017, "MSBT17",
                               VS_2019, "MSVS19", VSP_2019, "MSVC19P",
                               BT_2019, "MSBT19",
                               VS_2022, "MSVS22",
                               BT_2022, "MSBT22",
                               "MSBT");
    String x64s = x64 ? "x64" : "";
    String method = x86method + x64s;
    String builder = decode(version, VS_2015, "MSC15",
                            VS_2017, "MSC17", BT_2017, "MSC17",
                            VS_2019, "MSC19", VSP_2019, "MSC19", BT_2019, "MSC19",
                            VS_2022, "MSC22",
                            BT_2022, "MSC22",
                            "MSC22"
                            ) + ToUpper(x64s);
    .....

    if(version == VS_2015)
        vc = df.Get("/microsoft visual studio 14.0/vc",
                    "bin/cl.exe;bin/lib.exe;bin/link.exe;bin/mspdb140.dll");
    else
        vc = df.Get(decode(version, BT_2017, "/microsoft visual studio/2017/buildtools/vc/tools/msvc",
                            VS_2017, "/microsoft visual studio/2017/community/vc/tools/msvc",
                            BT_2019, "/microsoft visual studio/2019/buildtools/vc/tools/msvc",
                            VS_2019, "/microsoft visual studio/2019/community/vc/tools/msvc",
                            VSP_2019, "/microsoft visual studio/2019/professional/vc/tools/msvc",
                            VS_2022, "/microsoft visual studio/2022/community/vc/tools/msvc",
                            BT_2022, "/microsoft visual studio/2022/buildtools/vc/tools/msvc",
                            ""),
                    x64 ? "bin/hostx64/x64/cl.exe;bin/hostx64/x64/mspdb140.dll"
                        : "bin/hostx86/x86/cl.exe;bin/hostx86/x86/mspdb140.dll");
```

Not sure what I have missed.

BTW, how do you develop IDE? I have to build it and overwrite my current \upp\theide.exe with newly generated one.

I installed VS Build Tools 2022, and could not get it work either. One interesting thing I noticed is that VS community is installed under "program files" while VS build tools 2022 is installed "program files (x86)". Not that it has anything to do with the problem I am having.
