

AqBanking - Bug #268

(gcc, Ubuntu, vcpkg): Gwenhywfar: tools/gwenbuild/types/context.c: undefined reference errors

16.08.2022 17:36 - wrobelda

|                    |            |                        |            |
|--------------------|------------|------------------------|------------|
| Status:            | New        | Beginn:                | 16.08.2022 |
| Priorität:         | Normal     | Abgabedatum:           |            |
| Kategorie:         | Gwenhywfar |                        |            |
| Betriebssystem:    | Linux      | Anwendung:             | andere     |
| AqBanking-Version: | 5.10.1     | Version der Anwendung: |            |

Beschreibung

While working on getting vcpkg building under MSVC with VCPKG (<https://github.com/microsoft/vcpkg/pull/26363>), I updated the existing port file (<https://github.com/microsoft/vcpkg/tree/master/ports/libgwenhywfar>) to use the recent release (5.10.1) and found that it now fails to build gwenbuild tool under Linux, too:

Reporting this a placeholder for either when I have time to fix this, or hopefully for someone from the project more familiar with the codebase and its intricacies to look into.

Note that you can reproduce locally by checking out the PR in speech and building with:

```
cd vcpkg
./bootstrap-vcpkg.sh
./vcpkg install libgwenhywfar
```

The errors reported are as following:

```
/mnt/vcpkg-ci/buildtrees/libgwenhywfar/x64-linux-dbg/tools/gwenbuild/types/../../../../src/
5.10.1-7d6acfc4a7.clean/tools/gwenbuild/types/context.c:24: undefined reference to `
GWEN_Tree2_Unlink'
/usr/bin/ld: types/.libs/libgwb_types.a(context.o): in function `GWB_Context_Tree2_Replace':
/mnt/vcpkg-ci/buildtrees/libgwenhywfar/x64-linux-dbg/tools/gwenbuild/types/../../../../src/
5.10.1-7d6acfc4a7.clean/tools/gwenbuild/types/context.c:24: undefined reference to `
GWEN_Tree2_Replace'
/usr/bin/ld: types/.libs/libgwb_types.a(context.o): in function `GWB_Context_Tree2_GetNext':
/mnt/vcpkg-ci/buildtrees/libgwenhywfar/x64-linux-dbg/tools/gwenbuild/types/../../../../src/
5.10.1-7d6acfc4a7.clean/tools/gwenbuild/types/context.c:24: undefined reference to `
GWEN_Tree2Element_GetNext'
/usr/bin/ld: types/.libs/libgwb_types.a(context.o): in function `GWB_Context_Tree2_GetPrevious':
/mnt/vcpkg-ci/buildtrees/libgwenhywfar/x64-linux-dbg/tools/gwenbuild/types/../../../../src/
5.10.1-7d6acfc4a7.clean/tools/gwenbuild/types/context.c:24: undefined reference to `
GWEN_Tree2Element_GetPrevious'
/usr/bin/ld: types/.libs/libgwb_types.a(context.o): in function `GWB_Context_Tree2_GetBelow':
/mnt/vcpkg-ci/buildtrees/libgwenhywfar/x64-linux-dbg/tools/gwenbuild/types/../../../../src/
5.10.1-7d6acfc4a7.clean/tools/gwenbuild/types/context.c:24: undefined reference to `
GWEN_Tree2Element_GetBelow'
/usr/bin/ld: types/.libs/libgwb_types.a(context.o): in function `GWB_Context_Tree2_AddChild':
/mnt/vcpkg-ci/buildtrees/libgwenhywfar/x64-linux-dbg/tools/gwenbuild/types/../../../../src/
5.10.1-7d6acfc4a7.clean/tools/gwenbuild/types/context.c:24: undefined reference to `
GWEN_Tree2_AddChild'
/usr/bin/ld: types/.libs/libgwb_types.a(context.o): in function `GWB_Context_Tree2_InsertChild':
/mnt/vcpkg-ci/buildtrees/libgwenhywfar/x64-linux-dbg/tools/gwenbuild/types/../../../../src/
5.10.1-7d6acfc4a7.clean/tools/gwenbuild/types/context.c:24: undefined reference to `
GWEN_Tree2_InsertChild'
/usr/bin/ld: types/.libs/libgwb_types.a(context.o): in function `GWB_Context_Tree2_ClearChildren':
/mnt/vcpkg-ci/buildtrees/libgwenhywfar/x64-linux-dbg/tools/gwenbuild/types/../../../../src/
5.10.1-7d6acfc4a7.clean/tools/gwenbuild/types/context.c:24: undefined reference to `
GWEN_Tree2Element_GetFirstChild'
/usr/bin/ld: types/.libs/libgwb_types.a(context.o): in function `GWB_Context_Tree2_GetFirstChild':
/mnt/vcpkg-ci/buildtrees/libgwenhywfar/x64-linux-dbg/tools/gwenbuild/types/../../../../src/
5.10.1-7d6acfc4a7.clean/tools/gwenbuild/types/context.c:24: undefined reference to `
```

```

GWN_Tree2Element_GetFirstChild'
/usr/bin/ld: types/.libs/libgwb_types.a(context.o): in function `GWB_Context_Tree2_GetLastChild':
/mnt/vcpkg-ci/buildtrees/libgwenhywfar/x64-linux-dbg/tools/gwenbuild/types/../../../../src/
5.10.1-7d6acfc4a7.clean/tools/gwenbuild/types/context.c:24: undefined reference to `
GWN_Tree2Element_GetLastChild'
/usr/bin/ld: types/.libs/libgwb_types.a(context.o): in function `GWB_Context_Tree2_GetParent':
/mnt/vcpkg-ci/buildtrees/libgwenhywfar/x64-linux-dbg/tools/gwenbuild/types/../../../../src/
5.10.1-7d6acfc4a7.clean/tools/gwenbuild/types/context.c:24: undefined reference to `
GWN_Tree2Element_GetParent'
/usr/bin/ld: types/.libs/libgwb_types.a(context.o): in function `GWB_Context_new':
/mnt/vcpkg-ci/buildtrees/libgwenhywfar/x64-linux-dbg/tools/gwenbuild/types/../../../../src/
5.10.1-7d6acfc4a7.clean/tools/gwenbuild/types/context.c:39: undefined reference to `
GWN_Tree2Element_new'
/usr/bin/ld: types/.libs/libgwb_types.a(context.o): in function `GWB_Context_dup':
/mnt/vcpkg-ci/buildtrees/libgwenhywfar/x64-linux-dbg/tools/gwenbuild/types/../../../../src/
5.10.1-7d6acfc4a7.clean/tools/gwenbuild/types/context.c:54: undefined reference to `
GWN_Tree2Element_new'
/usr/bin/ld: types/.libs/libgwb_types.a(context.o): in function `GWB_Context_free':
/mnt/vcpkg-ci/buildtrees/libgwenhywfar/x64-linux-dbg/tools/gwenbuild/types/../../../../src/
5.10.1-7d6acfc4a7.clean/tools/gwenbuild/types/context.c:96: undefined reference to `
GWN_Tree2Element_free'
/usr/bin/ld: parser/.libs/libgwb_parser.a(p_dependencies.o): in function `_checkVersion':
/mnt/vcpkg-ci/buildtrees/libgwenhywfar/x64-linux-dbg/tools/gwenbuild/parser/../../../../src/
5.10.1-7d6acfc4a7.clean/tools/gwenbuild/parser/p_dependencies.c:240: undefined reference to `
GWN_Process_RunCommandWaitAndGather'
/usr/bin/ld: parser/.libs/libgwb_parser.a(p_dependencies.o): in function `_callPkgConfig':
/mnt/vcpkg-ci/buildtrees/libgwenhywfar/x64-linux-dbg/tools/gwenbuild/parser/../../../../src/
5.10.1-7d6acfc4a7.clean/tools/gwenbuild/parser/p_dependencies.c:341: undefined reference to `
GWN_Process_RunCommandWaitAndGather'
/usr/bin/ld: tools/.libs/libgwb_tools.a(trycompile.o): in function `GWB_Tools_TryCompile':
/mnt/vcpkg-ci/buildtrees/libgwenhywfar/x64-linux-dbg/tools/gwenbuild/tools/../../../../src/
5.10.1-7d6acfc4a7.clean/tools/gwenbuild/tools/trycompile.c:68: undefined reference to `
GWN_Process_RunCommandWaitAndGather'
/usr/bin/ld: tools/.libs/libgwb_tools.a(trycompile.o): in function `GWB_Tools_CheckCompilerArgs':
/mnt/vcpkg-ci/buildtrees/libgwenhywfar/x64-linux-dbg/tools/gwenbuild/tools/../../../../src/
5.10.1-7d6acfc4a7.clean/tools/gwenbuild/tools/trycompile.c:118: undefined reference to `
GWN_Process_RunCommandWaitAndGather'
/usr/bin/ld: tools/.libs/libgwb_tools.a(trylink.o): in function `GWB_Tools_TryLink':
/mnt/vcpkg-ci/buildtrees/libgwenhywfar/x64-linux-dbg/tools/gwenbuild/tools/../../../../src/
5.10.1-7d6acfc4a7.clean/tools/gwenbuild/tools/trylink.c:71: undefined reference to `
GWN_Process_RunCommandWaitAndGather'

```

## Historie

### #1 - 16.08.2022 17:43 - wrobelda

- Thema wurde von (gcc, Ubuntu, vcpkg): tools/gwenbuild/types/context.c: undefined reference errors zu (gcc, Ubuntu, vcpkg): Gwenhywfar: tools/gwenbuild/types/context.c: undefined reference errors geändert

### #2 - 18.08.2022 00:25 - wrobelda

FYI, the complete logs for the failed build can be downloaded from here:

[https://dev.azure.com/vcpkg/public/\\_build/results?buildId=76620&view=artifacts&pathAsName=false&type=publishedArtifacts](https://dev.azure.com/vcpkg/public/_build/results?buildId=76620&view=artifacts&pathAsName=false&type=publishedArtifacts)

Click the three dots to the right on the "failure logs for x64-linux" position to download the artifacts archive.