

AqBanking - Bug #306

Gwenhywfar 5.11.1beta doesn't build in Mingw64

15.04.2024 01:15 - jralls@ceridwen.us

Status:	Feedback	Beginn:	15.04.2024
Priorität:	Normal	Abgabedatum:	
Kategorie:	Gwenhywfar	Anwendung:	GnuCash
Betriebssystem:	Windows	Version der Anwendung:	
AqBanking-Version:	NA, but attempting to build 6.5.8beta		

Beschreibung

In src/msgio/endpoint_msgio.c, endpoint_tcp.c, endpoint_tcpd.c, and endpoint_multilayer.c:
error: conflicting types for '_freeData'; have 'void(void *, void *)'
64 | void _freeData(void *bp, void *p) | ^~~~~~
note: previous declaration of '_freeData' with type 'void(void *, void *)'
30 | static void GWENHYWFAR_CB _freeData(void *bp, void *p); | ^~~~~~

This is pretty easy to fix, just add GWENHYWFAR_CB to the definition of _freeData in each file.

But
C:/gcdev64/gnucash/stable/src/gwenhywfar-5.11.1beta/src/parser/tag16.c:26:10: fatal error: endian.h: No such file or directory
26 | #include <endian.h> | ^~~~~~
is another matter. Mingw64 doesn't provide an endian.h, nor are the functions defined in it (htole32, htole64, le32toh, le64toh) supported.
That same file also uses strndup that's also not supported in Mingw64.

Historie

- #1 - 15.04.2024 01:20 - jralls@ceridwen.us
- Thema wurde von Gwenhywfar 5.1.1beta doesn't build in Mingw64 zu Gwenhywfar 5.11.1beta doesn't build in Mingw64 geändert
- #2 - 21.04.2024 15:47 - martin
- Status wurde von New zu Feedback geändert
- Hmm, "static void GWENHYWFAR_CB" already is in the forward declaration for _freeData in those files. So "GWENHYWFAR_CB" must also be added to function implementation later?
- #3 - 21.04.2024 16:03 - martin
- regarding endian.h and the functions declared therein: this has now been replaced with "portable_endian.h" from <https://gist.github.com/panzi/6856583> (public domain).
- #4 - 21.04.2024 16:07 - martin
- Also, strndup() is now replaced with GWEN_Text_strndup().
- #5 - 21.04.2024 18:32 - jralls@ceridwen.us
- Hmm, "static void GWENHYWFAR_CB" already is in the forward declaration for _freeData in those files. So "GWENHYWFAR_CB" must also be added to function implementation later?
- Yes, because `\_\_stdcall` changes the function signature so it must be part of both the declaration and definition. BTW the new aqgivre plugin in AQB has the same bug.
- #6 - 28.04.2024 16:36 - martin
- Should be fixed now.
- #7 - 22.06.2024 23:49 - jralls@ceridwen.us
- Not quite, you missed aqgivre:

```

--- a/src/libs/plugins/backends/aqgivre/cardsdialog.c    2024-04-28 06:54:15.000000000 -0700
+++ b/src/libs/plugins/backends/aqgivre/cardsdialog.c    2024-06-22 14:32:30.624058500 -0700
@ -57,7 +57,7 @

-void _freeData(void *bp, void *p)
+void GWENHYWFAR_CB _freeData(void *bp, void *p) {
AG_CARDS_DIALOG *xdlg;

@ -88,7 +88,7 @

-int _dlgSignalHandler(GWEN_DIALOG *dlg, GWEN_DIALOG_EVENTTYPE t, const char *sender)
+int GWENHYWFAR_CB _dlgSignalHandler(GWEN_DIALOG *dlg, GWEN_DIALOG_EVENTTYPE t, const char *sender) {
switch (t) {
case GWEN_DialogEvent_TypeInit :

--- a/src/libs/plugins/backends/aqgivre/provider_request.c 2024-03-19 14:48:38.000000000 -0700
+++ b/src/libs/plugins/backends/aqgivre/provider_request.c 2024-06-22 14:34:01.041737100 -0700
@ -48,14 +48,14 @

-void _freeData(void *bp, void *p)
+void GWENHYWFAR_CB _freeData(void *bp, void *p) {
free(p);
}

-int _cbInitSynclo(GWEN_HTTP_SESSION *sess, GWEN_SYNCIO *sio)
+int GWENHYWFAR_CB _cbInitSynclo(GWEN_HTTP_SESSION *sess, GWEN_SYNCIO *sio) {
AG_HTTP_SESSION_HEADER *xsess;

--- a/src/libs/plugins/backends/aqgivre/userdialog.c    2024-01-07 11:29:43.000000000 -0800
+++ b/src/libs/plugins/backends/aqgivre/userdialog.c    2024-06-22 14:35:30.632390300 -0700
@ -42,7 +42,7 @

-void _freeData(void *bp, void *p)
+void GWENHYWFAR_CB _freeData(void *bp, void *p) {
}

@ -98,7 +98,7 @

-int _dlgSignalHandler(GWEN_DIALOG *dlg, GWEN_DIALOG_EVENTTYPE t, const char *sender)
+int GWENHYWFAR_CB _dlgSignalHandler(GWEN_DIALOG *dlg, GWEN_DIALOG_EVENTTYPE t, const char *sender) {
switch (t) {
case GWEN_DialogEvent_TypeInit :

```