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		
Betriebssystem:	Windows	**Anwendung:**	GnuCash
AqBanking-Version:	NA, but attempting to build 6.5.8beta	**Version der Anwendung:**	

Beschreibung

In src/msgio/endpoint_msgio.c, endpoint_tcpc.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 aqgivve 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 aqgivve:

```
--- a/src/libs/plugins/backends/aqgivve/cardsdialog.c    2024-04-28 06:54:15.000000000 -0700
+++ b/src/libs/plugins/backends/aqgivve/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/aqgivve/provider_request.c 2024-03-19 14:48:38.000000000 -0700
+++ b/src/libs/plugins/backends/aqgivve/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 _cbInitSyncIo(GWEN_HTTP_SESSION *sess, GWEN_SYNCIO *sio)
+int GWENHYWFAR_CB _cbInitSyncIo(GWEN_HTTP_SESSION *sess, GWEN_SYNCIO *sio) {
AG_HTTP_SESSION_HEADER *xsess;

--- a/src/libs/plugins/backends/aqgivve/userdialog.c       2024-01-07 11:29:43.000000000 -0800
+++ b/src/libs/plugins/backends/aqgivve/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 :
```