

AqBanking - Bug #266

Build failure with git commit 61eb11a: configure.ac:639: error: required file 'data/drivers/win32/cyberjack_ctapi/Makefile.in' not found

11.08.2022 08:29 - rhabacker

Status:	Feedback	Beginn:	11.08.2022
Priorität:	Normal	Abgabedatum:	
Kategorie:	Libchipcard		
Betriebssystem:	Windows	Anwendung:	KMyMoney
AqBanking-Version:	6.5.0	Version der Anwendung:	master branch commit 61eb11a

Beschreibung

Building libchipcard on obs for Windows fails with the following error:

```
[ 147s] configure.ac:639: error: required file 'data/drivers/win32/cyberjack_ctapi/Makefile.in' not found
[ 147s] data/drivers/win32/Makefile.am:1: error: required directory data/drivers/win32/cyberjack_ctapi does not exist
[ 148s] src/ct/chiptanusb/Makefile.am: installing './depcomp'
```

Historie

#1 - 11.08.2022 09:14 - rhabacker

```
~/src/libchipcard/data/drivers/win32> ls
0BUILD  cyberjack_pcsc  generic_pcsc  Makefile.am
~/src/libchipcard/data/drivers/win32> cat Makefile.am
SUBDIRS=\
    generic_pcsc \
    cyberjack_ctapi
```

Makefile.am points to the wrong directory

#2 - 11.08.2022 09:33 - rhabacker

- Datei 0001-Fix-building-on-Windows.patch wurde hinzugefügt

Patch for this issue.

#3 - 11.08.2022 09:33 - rhabacker

There are additional build errors:

```
[ 106s] libtool: compile: i686-w64-mingw32-gcc -DHAVE_CONFIG_H -DBUILDING_CHIPCARD -DLC_CLIENT_XML_DIR=\"share/chipcard\" -DLC_CLIENT_LOCALE_DIR=\"share/locale\" -I. -I../.. -Iusr/i686-w64-mingw32/sys-root/mingw/include/gwenhywfar5 -I../.. -I../.. -I../..../src -I../..../src -O2 -g -pipe -Wall -fexceptions --param=ssp-buffer-size=4 -mms-bitfields -MT client_xml.lo -MD -MP -MF .deps/client_xml.Tpo -c client_xml.c -DDLL_EXPORT -DPIC -o .libs/client_xml.o
[ 106s] In file included from ../..../src/libchipcard/base/client.h:50,
[ 106s]             from client_l.h:14,
[ 106s]             from client_p.h:14,
[ 106s]             from client.c:14:
[ 106s] ../..../src/libchipcard/base/card.h:33:10: fatal error: libchipcard/base/pininfo.h: No such file or directory
[ 106s]    33 | #include <libchipcard/base/pininfo.h>
[ 106s]       |             ^~~~~~
[ 106s] compilation terminated.
```

#4 - 11.08.2022 09:37 - rhabacker

It turned out that this is caused by missing call to

```
make typedefs types
```

before the main call to make as described in the readme.

Would it be possible to add those targets to the default target ?

#5 - 11.08.2022 09:49 - rhabacker

... but at least the latter target is not present

```
[ 108s] make: *** No rule to make target 'types'. Stop.
[ 108s] error: Bad exit status from /var/tmp/rpm-tmp.hJQNW1 (%build)
[ 108s]
```

#6 - 11.08.2022 10:26 - rhabacker

make ... types
before the main call to make as described in the readme.

In the readme the mentioned target is wrong - it is named 'typefiles'

#7 - 11.08.2022 10:28 - rhabacker

There are additional build failures:

```
[ 112s] card.c:588:5: error: conflicting types for '_cardOpen'; have 'int(LC_CARD *)'
[ 112s]   588 | int _cardOpen(LC_CARD *card)
[ 112s]       |      ^~~~~~
[ 112s] card.c:108:24: note: previous declaration of '_cardOpen' with type 'int(LC_CARD *)'
[ 112s]   108 | static int CHIPCARD_CB _cardOpen(LC_CARD *card);
[ 112s]       |      ^~~~~~
[ 112s] card.c:595:5: error: conflicting types for '_cardClose'; have 'int(LC_CARD *)'
[ 112s]   595 | int _cardClose(LC_CARD *card)
[ 112s]       |      ^~~~~~
[ 112s] card.c:109:24: note: previous declaration of '_cardClose' with type 'int(LC_CARD *)'
[ 112s]   109 | static int CHIPCARD_CB _cardClose(LC_CARD *card);
[ 112s]       |      ^~~~~~
[ 112s] card.c:108:24: warning: '_cardOpen' used but never defined
[ 112s]   108 | static int CHIPCARD_CB _cardOpen(LC_CARD *card);
[ 112s]       |      ^~~~~~
[ 112s] card.c:109:24: warning: '_cardClose' used but never defined
[ 112s]   109 | static int CHIPCARD_CB _cardClose(LC_CARD *card);
[ 112s]       |      ^~~~~~
[ 112s] client_io.c: In function '_connectCard':
[ 112s] client_io.c:508:14: error: 'MAX_ATR_SIZE' undeclared (first use in this function); did you mean 'MAX_
SID_SIZE'?
[ 112s]   508 |     BYTE pbAtr[MAX_ATR_SIZE];
[ 112s]       |             ^~~~~~
[ 112s]       |             MAX_SID_SIZE
[ 112s] client_io.c:508:14: note: each undeclared identifier is reported only once for each function it appea
rs in
[ 112s] client_io.c:508:8: warning: unused variable 'pbAtr' [-Wunused-variable]
[ 112s]   508 |     BYTE pbAtr[MAX_ATR_SIZE];
[ 112s]       |     ^~~~~~
[ 112s] make[4]: *** [Makefile:520: card.lo] Error 1
```

#8 - 11.08.2022 11:35 - martin

We should not add "make typefiles" etc to main targets because those are - like in AqBanking - only needed when compiling from git which only developers should do.

The files created by "make typefiles" should be in the tarball, so there should be no need to create those files.

#9 - 11.08.2022 11:40 - martin

- Status wurde von New zu Closed geändert

Applied to git. Thanks!!

#10 - 11.08.2022 11:41 - martin

- Status wurde von Closed zu In Progress geändert

#11 - 13.08.2022 12:24 - rhabacker

- Datei libchipcard-5.99.1beta-fix-building-on-windows.patch wurde hinzugefügt

