AqBanking - Bug #315

libgwenhyfar 5.12 fails to configure with libgcrypt >= 1.11 (linux)

31.12.2024 12:50 - merlinwv

Status:	New	**Beginn:**	31.12.2024
Priorität:	Normal	**Abgabedatum:**	
Kategorie:	Gwenhywfar		
Betriebssystem:	Linux	**Anwendung:**	andere
AqBanking-Version:	6.6.0	**Version der Anwendung:**	

Beschreibung

Hi,

I tried to build the newest aqbanking (6.6.0) + libgwenhyfar for my Arch-System.
Configure for libgwenhyfar 5.12.0 failed to configure with an error "libgcrypt not found".

I examined the situation and found that libgcrypt + headers IS present on my system in version 1.11 - but configure did not find it because it relies on "libgcrypt-config" to find the correct version + path.

In libgcrypt 1.11 (at least on linux), libgcrypt-config was removed, instead they provide a pkg-config now.
So, the configure-script/macros need to be adapted from libgcrypt-config to pkgconfig.

Other projects with similar problems can be found by an internet search for "libgcrypt 1.11 migrate from libgcrypt-config to pkg-config", also e.g.: https://dev.gnupg.org/T7114

Sorry - I'm not firm enough in either pkgconfig nor in autoconf to provide a patch, even if several maintainers of other projects tell in the respective bugs "it's an easy fix" (not for me ;)).
I was able to workaround by temporarily downgrading to libgcrypt 1.10 , but in the long term, the configure script should be adapted.

Ich kann auch gerne Feedback/Beschreibung auf Deutsch liefern ;)

Historie

#1 - 31.12.2024 12:51 - merlinwv

- Thema wurde von libgwenhyfar 5.12 falis to configure with libgcrypt >= 1.11 (linux) zu libgwenhyfar 5.12 fails to configure with libgcrypt >= 1.11 (linux) geändert

#2 - 01.01.2025 15:13 - mlenk

Debian builds don't fail, despite they build with libgcrypt 1.11 too.
Example build log: https://buildd.debian.org/status/fetch.php?pkg=libgwenhywfar&arch=amd64&ver=5.12.0-1&stamp=1734594288&raw=0

Apparently this is actually a matter of the aclocal.m4 file shipped with Gwenhywfar being out of date. It includes a copy of some (unclear origin) libgcrypt.m4, which seems to be updated last in 2018 (at least the aclocal.m4 file committed in Git says).

Debian builds don't fail because the automake/autoconf things are rebuilt from source on every build.
Another way to work around it is to update the aclocal.m4 (and other files) by calling

make -f Makefile.cvs

before build.

Suggestion for fixing it in the Gwenhywfar project:
Either update the compiled things regularly, or don't commit/ship them at all.
I have no strong opinion on this.