Auto Multiple Choice - Bug # 661: AMC-detect has an infinite loop on arm/arm64

Status:	Closed	Priority:	Normal
Author:	Guillaume Sergent	Category:	
Created:	09/12/2019	Assignee:	
Updated:	02/08/2021	Due date:	
Description:	As reported here: https://project.auto-multiple-choice.net/boards/4/topics/3212?r=8625 for arm and observed by myself for arm64, the AMC-detect program seems to take forever to run. I investigated it on AMC 1.4.0 on Armbian bionic arm64 (Olimex image), recompiled it with -g flag and found with gdb that it was always running getopt. The problem is the char c; declaration which is on line 1073 on master. On arm and arm64, char is unsigned so when getopt returns -1, it is converted to 254 and then compares different to -1. As a consequence, the loop never ends. I attach a patch making this modification on the code in master. I tested this modification successfully on AMC 1.4.0 with Armbian bionic arm64.		

History

10/04/2019 09:03 am - Alexis Bienvenüe

- Status changed from New to Resolved

- % Done changed from 0 to 100

Thanks for the report and solution!

The bug has been fixed in the development version since git:ebb4c61e.

02/08/2021 10:54 am - Alexis Bienvenüe

- Status changed from Resolved to Closed

- Target version set to 1.5.0

Files

eliminate-infinite-loop-on-arm.diff	466 Bytes	09/12/2019	Guillaume Sergent