Auto Multiple Choice - Bug # 941: macports installation crashes under Sequoia 15.01 too

Status:	New	**Priority:**	Urgent
Author:	Kaspar Schwarzenbach	**Category:**	
Created:	10/27/2024	**Assignee:**	
Updated:	10/30/2024	**Due date:**	

Description:	See Ticket 939 (untouched since 15.10.24) for problems with AMC macports installation under mac os 14.7. The system has meanwhile been upgraded to sequoia 15.0.1 with these steps:
	
	@$ sudo port -fp uninstall installed
	$ xcode-select --install
	$ sudo port migrate
	$ sudo port selfupdate
	$ sudo port upgrade outdated
	$ sudo port install auto-multiple-choice +mactex@
	
	h2. Black Background Problemm with XQuartz
	still under OS 14.7 the AMC XQuartz window was black and contents not readable
	following hack helped to solve this problem
	@ $ defaults write org.xquartz.X11 enable_render_extension 0 @
	
	h2. Behaviour of auto-multiple-choice under macports (mac OS 15.0.1)
	The program starts as expected, with normal white window background (XQuartz)
	An existing project can be opened.
	While checking the marks, then press "ok" or when exporting the data, the AMC program crashes.
	
	h2. This is the error message for AMC from the terminal:
	elster@elster ~ % auto-multiple-choice
	
	(auto-multiple-choice:73618): Gtk-WARNING **: 10:43:01.466: Theme parsing error: gtk.css:23:11: not a number
	
	(auto-multiple-choice:73618): Gtk-WARNING **: 10:43:01.466: Theme parsing error: gtk.css:23:24: Using Pango syntax for the font: style property is deprecated; please use CSS syntax
	
	(auto-multiple-choice:73618): Gdk-ERROR **: 10:43:24.076: The program 'auto-multiple-choice' received an X Window System error.
	This probably reflects a bug in the program.
	The error was 'BadLength (poly request too large or internal Xlib length erro'.
	  (Details: serial 4001 error_code 16 request_code 72 (core protocol) minor_code 0)
	  (Note to programmers: normally, X errors are reported asynchronously;
	  that is, you will receive the error a while after causing it.
	  To debug your program, run it with the GDK_SYNCHRONIZE environment
	  variable to change this behavior. You can then get a meaningful
	  backtrace from your debugger if you break on the gdk_x_error() function.)
	zsh: trace trap auto-multiple-choice
	elster@elster ~ %

History

10/28/2024 08:38 am - Joël Brogniart

Is your installation running on an Apple Silicon machine? It seems that XQuartz is having some trouble on Apple Silicon processor. It is best to install AMC without XQuartz with the following command.

```
sudo port install auto-multiple-choice -x11 +no_x11 +quartz
```

This command should be used when no port is installed so as other ports are also installed with these options.
[[Installing_AMC_with_MacPorts_on_macOS]]

10/28/2024 11:27 am - Kaspar Schwarzenbach

My installation runs on a M1 mac with silicon chip. And I'd followed your guide [[Installing_AMC_with_MacPorts_on_macOS]], but I've opted for +mactex as I inted to use my already installed mactex
I've now done this:
@sudo port uninstall auto-mutliple-choice@
@sudo port install auto-multiple-choice -x11 +no_x11 +quartz +mactex@
Unfortunately AMC still crashes. Might it be necessary to uninstall XQuartz as well, and if, how could I uninstall XQuartz?

10/29/2024 08:27 am - Joël Brogniart

It's not sufficient to only uninstall AMC as some ports on which AMC depends also need to be reinstalled. So the simplest way is to uninstall all installed port and then install AMC again.

10/30/2024 09:03 am - Kaspar Schwarzenbach

This solved the problem, thanks: AMC is back to life.
These were the steps necessary:
```
sudo port -fp uninstall installed
defaults write org.xquartz.X11 enable_render_extension 1   # see initial ticket, now re-enabled render
export PATH=/opt/local/bin:/opt/local/sbin:$PATH    # despite having set this path, mac's terminal doesn't remember it
sudo port install auto-multiple-choice -x11 +no_x11 +quartz +mactex   # installation time ca 3h !
sudo port selfupdate
sudo port upgrade outdated
```
AMC is now running fine; ticket solved