Subject: BSD make: strange issue
Posted by mirek on Wed, 01 Apr 2009 20:27:00 GMT
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I was trying to enhance src version to build with (PC-)BSD and encountered this strange issue:

make: don't know how to make ide/app.tpp/Aboutn-us.tppi. Stop
*** Error code 2

The offending line is obviously:

ide/app.tpp/About$$en-us.tppi \

Now it looks like BSD make for whatever reason interprets "$$e" as empty string. That is weird, as '$$' should be escape sequence for '$', even according to BSD make manual page.

Does anybody know what is going on now here? Is there any other way how to escape '$'?

Mirek

Subject: Re: BSD make: strange issue
Posted by masu on Thu, 02 Apr 2009 08:53:50 GMT
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Hi Mirek,

try to build with gmake (should already be installed).
At least I use it for the FreeBSD port to avoid bothersome errors.

Matthias

Subject: Re: BSD make: strange issue
Posted by victorb on Thu, 02 Apr 2009 15:29:38 GMT
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Have you tried to enclose the filename in single quotes to prevent expansion (i;e. '<filename>') ?

Subject: Re: BSD make: strange issue
Posted by mirek on Fri, 03 Apr 2009 06:19:35 GMT

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victorb wrote on Thu, 02 April 2009 11:29Have you tried to enclose the filename in single quotes to prevent expansion (i;e. '<filename>') ?

Does not work...

Mirek

Subject: Re: BSD make: strange issue
Posted by mirek on Fri, 03 Apr 2009 11:43:50 GMT
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Well, there is unfortunate thing about make/gmake - gmake is not available (as command) in Linux and we need to use it in "top" makefile (see src package for details).

Any idea?

Mirek

Subject: Re: BSD make: strange issue
Posted by masu on Fri, 03 Apr 2009 12:14:52 GMT
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I remember that I used $(MAKE) inside top Makefile for 2008.1 release. This seems to be set accordingly if gmake is invoked on top Makefile (on FreeBSD). I am not sure about that, but I will investigate soon. Maybe this is also a define used by ports infrastructure only.

If it is not defined automatically one can call "make MAKE=gmake" or maybe use a wrapper script to do this (there we are ones again using shell scripts).

By the way, can you adapt Makefile export to scheme that is used for 2008.1 release that uses some variable assignments to set up commands etc.?

Matthias

Subject: Re: BSD make: strange issue
Posted by mirek on Fri, 03 Apr 2009 12:18:28 GMT
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masu wrote on Fri, 03 April 2009 08:14I remember that I used $(MAKE) inside top Makefile for 2008.1 release. This seems to be set accordingly if gmake is invoked on top Makefile (on FreeBSD). I am not sure about that, but I will investigate soon. Maybe this is also a define used by ports infrastructure only.

If it is not defined automatically one can call "make MAKE=gmake" or maybe use a wrapper script to do this (there we are ones again using shell scripts).

By the way, can you adapt Makefile export to scheme that is used for 2008.1 release that uses some variable assignments to set up commands etc.?

Matthias

It should be basically the same, I have only changed it to use relative paths....

Mirek

Subject: Re: BSD make: strange issue
Posted by masu on Fri, 03 Apr 2009 12:25:12 GMT
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Replace all 'make' calls inside small Makefile with $(MAKE), I am quite sure that 'gmake' is also called if you invoke make process with 'gmake'.

Matthias

Subject: Re: BSD make: strange issue
Posted by mirek on Fri, 03 Apr 2009 12:48:26 GMT
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masu wrote on Fri, 03 April 2009 08:25Replace all 'make' calls inside small Makefile with $(MAKE), I am quite sure that 'gmake' is also called if you invoke make process with 'gmake'.

Matthias

Well, actually, I am now considering that we should replace Makefile with "install" script...

Mirek

Subject: Re: BSD make: strange issue
Posted by mirek on Sat, 04 Apr 2009 08:25:00 GMT
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Well, a new issue:)

How to deal with -lld?

I mean, it says it cannot find ld...

Mirek

Subject: Re: BSD make: strange issue
Posted by masu on Tue, 07 Apr 2009 09:03:06 GMT
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I never saw that on the command line.
Do you mean -ldl?

Matthias

Subject: Re: BSD make: strange issue
Posted by mirek on Tue, 07 Apr 2009 09:26:52 GMT
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Yes, sorry.

Now I see that FREEBSD does not have it (in package organizer).

I guess dlopen (etc.) is in standard library.

Mirek

Subject: Re: BSD make: strange issue
Posted by masu on Tue, 07 Apr 2009 10:01:16 GMT
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Quote:I guess dlopen (etc.) is in standard library.
Yes it is included in libc:
http://www.freebsd.org/cgi/man.cgi?query=dlopen&sektion= 3.

Matthias

Subject: Re: BSD make: strange issue
Posted by masu on Tue, 07 Apr 2009 21:05:36 GMT
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I tried to use $(MAKE) in a test makefile and it seems to be defined accordingly as gmake or make (depends on what is called).

Tested platforms:
- FreeBSD
- Linux (Ubuntu)
- OpenBSD

Matthias
