

PL/php - Bug #5234

SVN Trunk 89: Cannot build against PHP 5.3.3 with embed enabled

07/29/2010 05:08 AM - Anonymous

Status:	Closed	Start date:	07/21/2010
Priority:	Urgent	Due date:	
Assignee:	Alexey Klyukin	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:	Release 1.4		
Resolution:			
Description			
./configure			
AFTER config as above:			
checking whether PHP is compiled with the Embed SAPI... yes			
checking for php_module_startup in -lphp5... no			
configure: error: Cannot find PHP 5 SAPI library			
OS: CentOS 5.5			
Related issues:			
Has duplicate PL/php - Bug #5233: SVN Trunk 89: Cannot build against PHP 5.3...		Closed	07/21/2010

History

#1 - 07/29/2010 05:28 AM - Alexey Klyukin

From the attached config.log

```
configure:3679: checking whether PHP is compiled with the Embed SAPI
configure:3687: result: no
configure:3691: error: PL/php requires the Embed PHP SAPI.
```

Looks like you haven't enabled embed sapi when building php. If you did enable it - please, show the output of:
/usr/local/bin/php-config --configure-options and
/usr/local/bin/php-config --php-sapis

#2 - 07/29/2010 09:13 AM - Álvaro Herrera

I've been discussing a similar case with another user by private email. It seems that the ldflags passed to the compiler are not correctly determined by configure when running this check.

I notice that configure.in appends \$(php-config --libs) to LDFLAGS, but this is probably missing something; at least the output of --ldflags should be appended also, I think. On my platform it doesn't make a difference because --ldflags returns an empty string, but this doesn't have to be necessarily the case.

Even with this fix, there's something wrong, but I'm not sure what. Seems to be we should have a closer look at compiler and linker flags. (For example, should --libs really be part of LDFLAGS, or does it belong elsewhere?)

#3 - 07/29/2010 10:21 AM - Moisés P. Sena

Anônimo wrote:

```
./configure
```

AFTER config as above:

```
checking whether PHP is compiled with the Embed SAPI... yes
checking for php_module_startup in -lphp5... no
configure: error: Cannot find PHP 5 SAPI library
```

OS: CentOS 5.5

The my php-config result:

1. php-config

Usage:

/usr/local/bin/php-config

[OPTION]

Options:

--prefix

[/usr/local]

--includes

[-I/usr/local/include/php

-I/usr/local/include/php/main

-I/usr/local/include/php/TSRM

-I/usr/local/include/php/Zend

-I/usr/local/include/php/ext

-I/usr/local/include/php/ext/date/lib]

--ldflags

[

-L/opt/xml2/lib

-L/opt/pcre/lib

-L/opt/curlssl/lib

-L/usr/kerberos/lib

-L/opt/curlssl/lib

-L/opt/php_with_imap_client/lib

-L/opt/firebird/lib

-L/opt/libmcrypt/lib

-L/usr/lib/mysql

-L/opt/mm/lib

-L/opt/tidy/lib

-L/opt/xslt/lib

-L/opt/xslt/lib

-L/usr/lib]

--libs

[-lcrypt

-lc-client

-lz

-lexslt

-lexpat

-lexpat

-lexpat

-ltidy

-lcrypt

-lmm

-laspell

-lpspell

-lpq

-lmysqlclient

-lmcrypt

-lltdl

-lfbclient

-lssl

-lcrypto

-lcrypt

-lpam

-lfreetype

-lX11

-lXpm

-lpng

-lz

-ljpeg

-lssl

-lcrypto

-lcurl

-lbz2

-lz

-lpcre

-lssl

-lcrypto

-lm

-ldl

-lnsl

-lxml2

-lz

-lm
-lgssapi_krb5
-lkrb5
-lk5crypto
-lcom_err
-lcurl
-lidn
-lssl
-lcrypto
-lldap
-lrt
-lssl
-lcrypto
-ldl
-lz
-lz
-lxml2
-lz
-lm
-lgssapi_krb5
-lkrb5
-lk5crypto
-lcom_err
-licui18n
-licuuc
-licudata
-lm
-licuio
-lmysqlclient
-lz
-lcrypt
-lnsl
-lm
-lmygcc
-lxml2
-lz
-lm
-lxml2
-lz
-lm
-lcrypt
-lxml2
-lz
-lm
-lxml2
-lz
-lm
-lxslt
-lxml2
-lz
-lm
-lcrypt
]
]

--extension-dir
[/usr/local/lib/php/extensions/no-debug-non-zts-20090626]

--include-dir
[/usr/local/include/php]

--php-binary
[/usr/local/bin/php]

--php-sapis
[cli
apache2handler]

--configure-options
[--enable-bcmath
--enable-calendar
--enable-exif
--enable-ftp
--enable-gd-native-ttf
--enable-intl
--enable-libxml]

```
--enable-magic-quotes
--enable-mbstring
--enable-pdo=shared
--enable-safe-mode
--enable-soap
--enable-sockets
--enable-wddx
--enable-zip
--prefix=/usr/local
--with-apxs2=/usr/local/apache/bin/apxs
--with-bz2
--with-config-file-path=/usr/local/lib
--with-config-file-scan-dir=/usr/local/lib/php.ini.d
--with-curl=/opt/curlssl/
--with-curlwrappers
--with-freetype-dir=/usr
--with-gd
--with-gettext
--with-icu-dir=/usr
--with-imap=/opt/php_with_imap_client/
--with-imap-ssl=/usr
--with-interbase=/opt/firebird/
--with-jpeg-dir=/usr
--with-kerberos
--with-libexpat-dir=/usr
--with-libxml-dir=/opt/xml2
--with-libxml-dir=/opt/xml2/
--with-mcrypt=/opt/libmcrypt/
--with-mm=/opt/mm/
--with-mysql=/usr
--with-mysql-sock=/var/lib/mysql/mysql.sock
--with-mysqli=/usr/bin/mysql_config
--with-openssl=/usr
--with-openssl-dir=/usr
--with-pcre-regex=/opt/pcre
--with-pdo-mysql=shared
--with-pdo-sqlite=shared
--with-pgsql=/usr
--with-png-dir=/usr
--with-pspell
--with-sqlite=shared
--with-tidy=/opt/tidy/
--with-xmllrpc
--with-xpm-dir=/usr
--with-xsl=/opt/xslt/
--with-zlib
--with-zlib-dir=/usr]

--version
[5.3.3]

--vernum
[50303]
```

#4 - 07/30/2010 02:26 AM - Alexey Klyukin

On Jul 29, 2010, at 10:21 AM, plphp-tickets@lists.commandprompt.com wrote:

Issue [#5234](#) has been updated by Moisés P. Sena.

Anônimo wrote:

```
./configure
```

AFTER config as above:

```
checking whether PHP is compiled with the Embed SAPI... yes
checking for php_module_startup in -lphp5... no
configure: error: Cannot find PHP 5 SAPI library
```

OS: CentOS 5.5

The my php-config result:

<snip>

```
--php-sapis  
[cli  
apache2handler]
```

See, there's no embed here. You have to build php with --enable-embed and retry.

```
--configure-options  
[--enable-bcmath  
--enable-calendar  
--enable-exif  
--enable-ftp  
--enable-gd-native-ttf  
--enable-intl  
--enable-libxml  
--enable-magic-quotes  
--enable-mbstring  
--enable-pdo=shared  
--enable-safe-mode  
--enable-soap  
--enable-sockets  
--enable-wddx  
--enable-zip  
--prefix=/usr/local  
--with-apxs2=/usr/local/apache/bin/apxs  
--with-bz2  
--with-config-file-path=/usr/local/lib  
--with-config-file-scan-dir=/usr/local/lib/php.ini.d  
--with-curl=/opt/curlssl/  
--with-curlwrappers  
--with-freetype-dir=/usr  
--with-gd  
--with-gettext  
--with-icu-dir=/usr  
--with-imap=/opt/php_with_imap_client/  
--with-imap-ssl=/usr  
--with-interbase=/opt/firebird/  
--with-jpeg-dir=/usr  
--with-kerberos  
--with-libexpat-dir=/usr  
--with-libxml-dir=/opt/xml2  
--with-libxml-dir=/opt/xml2/  
--with-mcrypt=/opt/libmcrypt/  
--with-mm=/opt/mm/  
--with-mysql=/usr  
--with-mysql-sock=/var/lib/mysql/mysql.sock  
--with-mysqli=/usr/bin/mysql_config  
--with-openssl=/usr  
--with-openssl-dir=/usr  
--with-pcre-regex=/opt/pcre  
--with-pdo-mysql=shared  
--with-pdo-sqlite=shared  
--with-pgsql=/usr  
--with-png-dir=/usr  
--with-pspell  
--with-sqlite=shared  
--with-tidy=/opt/tidy/  
--with-xmllrpc  
--with-xpm-dir=/usr  
--with-xsl=/opt/xslt/  
--with-zlib  
--with-zlib-dir=/usr]  
  
--version  
[5.3.3]  
  
--vernum  
[50303]
```

Bug #5234: SVN Trunk 89: Cannot build against PHP 5.3.3 with embed enabled
<https://public.commandprompt.com/issues/5234>

Author: Anonymous
Status: New
Priority: Urgent
Assigned to:
Category:
Target version: Release 1.4
Resolution:

```
./configure
```

AFTER config as above:

```
checking whether PHP is compiled with the Embed SAPI... yes  
checking for php_module_startup in -lphp5... no  
configure: error: Cannot find PHP 5 SAPI library
```

OS: CentOS 5.5

--

You have received this notification because you have either subscribed to it, or are involved in it.

To change your notification preferences, please click here: <http://redmine.commandprompt.com/my/account>

#5 - 07/30/2010 03:43 PM - Álvaro Herrera

Alexey Klyukin wrote:

On Jul 29, 2010, at 10:21 AM, plphp-tickets@lists.commandprompt.com wrote:

Issue [#5234](#) has been updated by Moisés P. Sena.

Anônimo wrote:

```
./configure
```

AFTER config as above:

```
checking whether PHP is compiled with the Embed SAPI... yes  
checking for php_module_startup in -lphp5... no  
configure: error: Cannot find PHP 5 SAPI library
```

<snip>

```
--php-sapis  
[cli  
apache2handler]
```

See, there's no embed here. You have to build php with --enable-embed and retry.

So why did the other test pass? Shouldn't it have said "no"?

#6 - 07/30/2010 03:52 PM - Álvaro Herrera

- Assignee set to Alexey Klyukin

#7 - 08/01/2010 02:01 PM - Moisés P. Sena

- File config.log added

I compile php on embedded, outhere error show:

```
checking whether PHP is compiled with the Embed SAPI... yes  
checking for php_module_startup in -lphp5... no  
configure: error: Cannot find PHP 5 SAPI library
```

The php config:

```
# php-config  
Usage: /usr/local/bin/php-config [OPTION]
```

Options:

```

--prefix          [/usr/local]
--includes        [-I/usr/local/include/php -I/usr/local/include/php/main -I/usr/local/include/php/TSRM -I
/usr/local/include/php/Zend -I/usr/local/include/php/ext -I/usr/local/include/php/ext/date/lib]
--ldflags         [ -L/opt/xml2/lib -L/opt/pcre/lib64 -L/opt/curlssl/lib -L/usr/kerberos/lib -L/opt/curlssl
lib64 -L/opt/php_with_imap_client/lib64 -L/opt/libmcrypt/lib64 -L/usr/lib64/mysql -L/opt/mm/lib64 -L/opt
/tidy/lib64 -L/opt/xslt/lib -L/opt/xslt/lib64 -L/usr/lib64]
--libs            [-lcrypt -lc-client -lz -lexslt -lexpat -lexpat -lexpat -ltidy -lcrypt -lmm -lpq -lmys
qlclient -lmcrypt -lltdl -lssl -lcrypto -lcrypt -lpam -lfreetype -lX11 -lXpm -lpng -lz -ljpeg -lssl -lcrypto -
lcurl -lbz2 -lz -lpcre -lssl -lcrypto -lm -ldl -lnsl -lxml2 -lz -lm -lgssapi_krb5 -lkrb5 -lk5crypto -lcom_err
-lcurl -lidn -lssl -lcrypto -lldap -lrt -lssl -lcrypto -ldl -lz -lz -lxml2 -lz -lm -lgssapi_krb5 -lkrb5 -lk5c
rypto -lcom_err -licui18n -licuuc -licudata -lm -licuio -lmysqlclient -lz -lcrypt -lnsl -lm -lmygcc -lxml2 -lz
-lm -lxml2 -lz -lm -lcrypt -lxml2 -lz -lm -lxml2 -lz -lm -lxslt -lxml2 -lz -lm -lcrypt ]
--extension-dir  [/usr/local/lib/php/extensions/no-debug-non-zts-20090626]
--include-dir    [/usr/local/include/php]
--php-binary     [/usr/local/bin/php]
--php-sapis      [cli embed]
--configure-options [--enable-bcmath --enable-calendar --enable-embed --enable-exif --enable-ftp --enable-gd
-native-ttf --enable-intl --enable-libxml --enable-magic-quotes --enable-mbstring --enable-pdo=shared --enable
-safe-mode --enable-soap --enable-sockets --enable-wddx --enable-zip --prefix=/usr/local --with-apxs2=/usr/loc
al/apache/bin/apxs --with-bz2 --with-curl=/opt/curlssl/ --with-curlwrappers --with-freetype-dir=/usr --with-gd
--with-gettext --with-icu-dir=/usr --with-imap=/opt/php_with_imap_client/ --with-ldap=/usr --with-jpeg-di
r=/usr --with-kerberos --with-libdir=lib64 --with-libexpat-dir=/usr --with-libxml-dir=/opt/xml2 --with-libxml-
dir=/opt/xml2/ --with-mcrypt=/opt/libmcrypt/ --with-mm=/opt/mm/ --with-mysql=/usr --with-mysql-sock=/var/lib/m
ysql/mysql.sock --with-mysqli=/usr/bin/mysql_config --with-openssl=/usr --with-openssl-dir=/usr --with-pcre-re
gex=/opt/pcre --with-pdo-mysql=shared --with-pdo-sqlite=shared --with-pgsql=/usr --with-pic --with-png-dir=/us
r --with-sqlite=shared --with-tidy=/opt/tidy/ --with-xmlrpc --with-xpm-dir=/usr --with-xslt=/opt/xslt/ --with-z
lib --with-zlib-dir=/usr]
--version        [5.3.3]
--vernum         [50303]

```

The config.log has anexed.

#8 - 08/02/2010 08:21 AM - Álvaro Herrera

Please grab the latest head from the Github repository -- I fixed the autoconf code there.

(Subversion is no longer the authoritative source. I bugged the sysadmins to remove the repository or change it to point to github, but nothing has gotten done yet, it seems.)

#9 - 05/21/2011 03:14 PM - Álvaro Herrera

I guess it takes a really long time to clone Git repositories. If we get a report before the world ends next year, we can reopen this ticket.

#10 - 05/21/2011 04:49 PM - Álvaro Herrera

- Status changed from New to Closed

Apparently I forgot to actually close the ticket.

Files

config.log	13.9 KB	07/29/2010	Anonymous
config.log	15.5 KB	08/01/2010	Moisés P. Sena