**Troubleshooting Doc (Pathway Installation)**

While installing pathview if you encounter any of the issues in the development environment, please follow the below procedures to fix those issues.

* bootstrap/cache/services.php) no such file or directory

Solution:

change permission of the bootstrap directory

chmod 777 bootstrap

* Trait 'Illuminate\Foundation\Bus\DispatchesCommands' not found

The Illuminate\Foundation\Bus\DispatchesCommands trait has been deprecated and renamed to Illuminate\Foundation\Bus\DispatchesJobs.

So just replace this:

use Illuminate\Foundation\Bus\DispatchesCommands;

With this:

use Illuminate\Foundation\Bus\DispatchesJobs;

* [RuntimeException]

Error Output: PHP Fatal error: Uncaught exception 'ReflectionException' with message 'Class log does not exist' in /private/var/www/pathviewweb/vendor/laravel/framework/src/Illuminate/Container/Container.php:779

Stack trace:

#0 /private/var/www/pathviewweb/vendor/laravel/framework/src/Illuminate/Container/Container.php(779): ReflectionClass->\_\_construct('log')

* Administrators-iMac-2:pathviewweb gaurav$ php artisan serve

PHP Fatal error: Class 'Illuminate\Broadcasting\BroadcastServiceProvider' not found in /private/var/www/pathviewweb/vendor/laravel/framework/src/Illuminate/Foundation/ProviderRepository.php on line 150

[Symfony\Component\Debug\Exception\FatalErrorException]

Class 'Illuminate\Broadcasting\BroadcastServiceProvider' not found

**Solution:**

The lower laravel version ~1.\* has some issues with the BroadCast Class which can be fixed with the higher laravel version .Update composer.json to update the laravel version.

Run composer update after that.

* While installing R if you encounter some of these errors, please follow the steps.

Error: configure: error: no acceptable C compiler found in $PATH

**Fix:**

apt-get install build-essential

checking for fl32... no

checking for af77... no

checking for fc... no

configure: error: No F77 compiler found

apt-get install gfortran

build-essential has further dependency on gfortran

* Filesystem Error

file\_put\_contents(/d727869eb17304ac2cca3daa9d328d4d): failed to open stream: Permission denied

**Fix:**

This is coming from storage/framework directory

Make sure inside framework directory exists a views and sessions directory

chmod -R gu+w storage

chmod -R guo+w storage

php artisan cache:clear

Redis Serve Path

export PATH=$PATH:/usr/local/bin/

**Related links for the errors encountered/Tips:**

* Check useful links

<http://stackoverflow.com/questions/25443549/laravel-rest-api-post-method>

Other R errors (install R 3.2)

<http://stackoverflow.com/questions/17473547/error-with-readline-yes-default-and-headers-libs-are-not-available>

configure: error: --with-readline=yes (default) and headers/libs are not available

sudo apt-get install build-essential

sudo apt-get install fort77

sudo apt-get install xorg-dev

sudo apt-get install liblzma-dev libblas-dev gfortran

sudo apt-get install gcc-multilib

sudo apt-get install gobjc++

sudo apt-get install aptitude

sudo aptitude install libreadline-dev

bzip2 not installed

sudo apt-get install libbz2-dev

**Fix:**

pcre >= 8.10 library and headers are required

Libraries have been installed in:

/usr/local/lib

If you ever happen to want to link against installed libraries

in a given directory, LIBDIR, you must either use libtool, and

specify the full pathname of the library, or use the '-LLIBDIR'

flag during linking and do at least one of the following:

- add LIBDIR to the 'LD\_LIBRARY\_PATH' environment variable

during execution

- add LIBDIR to the 'LD\_RUN\_PATH' environment variable

during linking

- use the '-Wl,-rpath -Wl,LIBDIR' linker flag

- have your system administrator add LIBDIR to '/etc/ld.so.conf'

See any operating system documentation about shared libraries for

more information, such as the ld(1) and ld.so(8) manual pages.

**Issues with pathway package installation**

* installing \*source\* package ‘curl’ ...

\*\* package ‘curl’ successfully unpacked and MD5 sums checked

Package libcurl was not found in the pkg-config search path.

Perhaps you should add the directory containing `libcurl.pc'

to the PKG\_CONFIG\_PATH environment variable

No package 'libcurl' found

Package libcurl was not found in the pkg-config search path.

Perhaps you should add the directory containing `libcurl.pc'

to the PKG\_CONFIG\_PATH environment variable

No package 'libcurl' found

Using PKG\_CFLAGS=

Using PKG\_LIBS=-lcurl

------------------------- ANTICONF ERROR ---------------------------

Configuration failed because libcurl was not found. Try installing:

\* deb: libcurl4-openssl-dev (Debian, Ubuntu, etc)

\* rpm: libcurl-devel (Fedora, CentOS, RHEL)

\* csw: libcurl\_dev (Solaris)

If libcurl is already installed, check that 'pkg-config' is in your

PATH and PKG\_CONFIG\_PATH contains a libcurl.pc file. If pkg-config

is unavailable you can set INCLUDE\_DIR and LIB\_DIR manually via:

R CMD INSTALL --configure-vars='INCLUDE\_DIR=... LIB\_DIR=...'

--------------------------------------------------------------------

ERROR: configuration failed for package ‘curl’

\* removing ‘/usr/local/lib/R/site-library/curl’

\* installing \*source\* package ‘openssl’ ...

\*\* package ‘openssl’ successfully unpacked and MD5 sums checked

Using PKG\_CFLAGS=

Using PKG\_LIBS=-lssl -lcrypto

------------------------- ANTICONF ERROR ---------------------------

Configuration failed because openssl was not found. Try installing:

\* deb: libssl-dev (Debian, Ubuntu, etc)

\* rpm: openssl-devel (Fedora, CentOS, RHEL)

\* csw: libssl\_dev (Solaris)

\* brew: openssl (Mac OSX)

If openssl is already installed, check that 'pkg-config' is in your

PATH and PKG\_CONFIG\_PATH contains a openssl.pc file. If pkg-config

is unavailable you can set INCLUDE\_DIR and LIB\_DIR manually via:

R CMD INSTALL --configure-vars='INCLUDE\_DIR=... LIB\_DIR=...'

--------------------------------------------------------------------

ERROR: configuration failed for package ‘openssl’

\* removing ‘/usr/local/lib/R/site-library/openssl’

\* installing \*source\* package ‘XML’ ...

\*\* package ‘XML’ successfully unpacked and MD5 sums checked

checking for gcc... gcc

Cannot find xml2-config

ERROR: configuration failed for package ‘XML’

\* removing ‘/usr/local/lib/R/site-library/XML’

ERROR: dependencies ‘curl’, ‘openssl’ are not available for package ‘httr’

\* removing ‘/usr/local/lib/R/site-library/httr’

ERROR: dependency ‘XML’ is not available for package ‘KEGGgraph’

\* removing ‘/usr/local/lib/R/site-library/KEGGgraph’

ERROR: dependency ‘httr’ is not available for package ‘KEGGREST’

\* removing ‘/usr/local/lib/R/site-library/KEGGREST’

ERROR: dependencies ‘KEGGgraph’, ‘XML’, ‘KEGGREST’ are not available for package ‘pathview’

\* removing ‘/usr/local/lib/R/site-library/pathview’

The downloaded source packages are in

‘/tmp/RtmpzUfybA/downloaded\_packages’

Old packages: 'AnnotationDbi', 'org.Hs.eg.db'

**Fix:**

Install curl, openssl, libxml2-dev

sudo apt-get install libxml2-dev

<http://packages.ubuntu.com/search?keywords=libpng12-dev>

libpng for png images