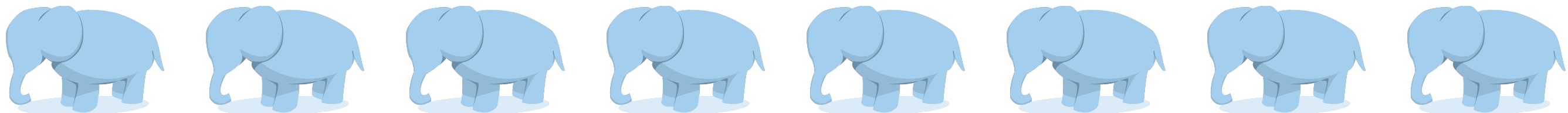


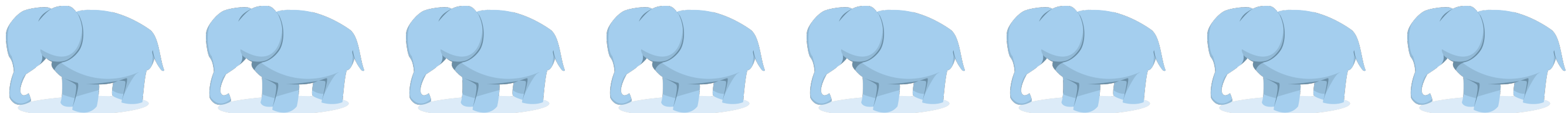
One Box. Multiple Elephants.

@jacques_thekit
@jakerella
@ramsey

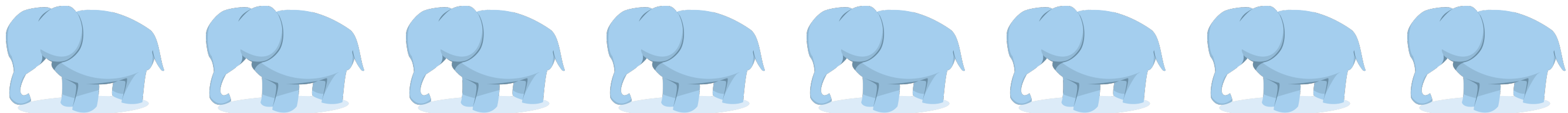


Who am I?

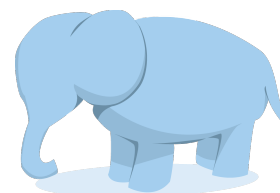
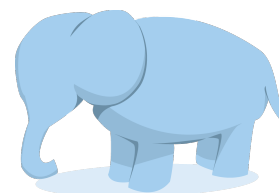
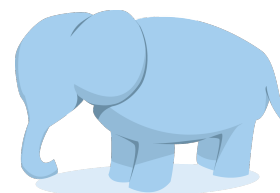
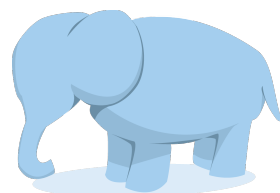
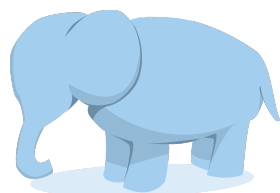
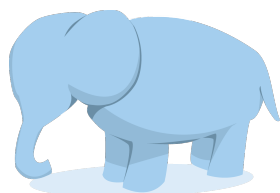
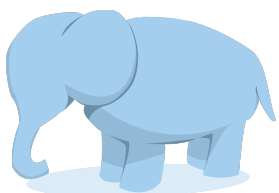
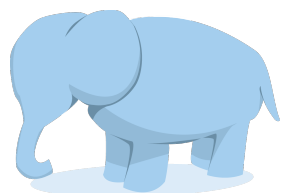
- Web craftsman, author, and speaker
- Contributed `array_column()` to PHP
- Author of `rhumsaa/uuid` package
- User group and conference organizer
- Code wrangler at ShootProof
- Co-author of `virtPHP`



**Like many great
coding projects, it
began...**



...at a **hackathon.**



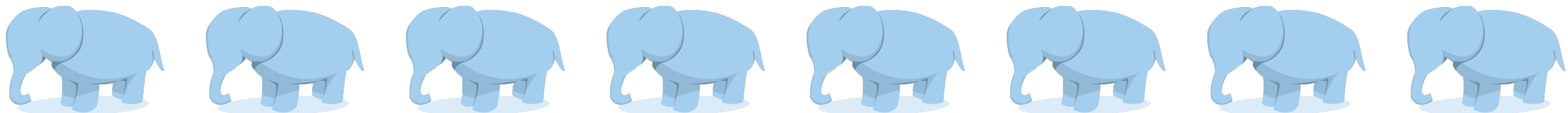




virtualenv
virtualenvwrapper

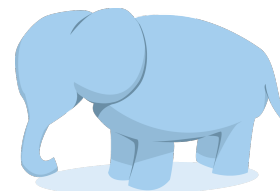
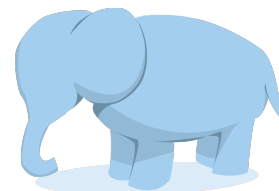
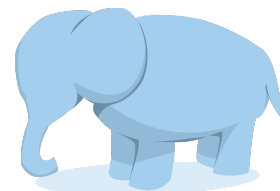
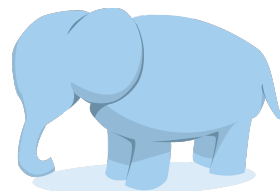
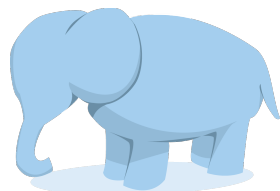
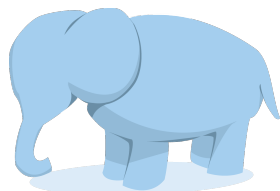
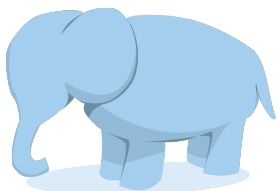
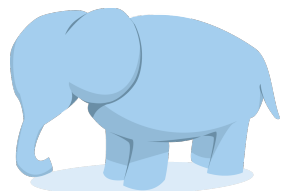


To understand
virtPHP you must
first understand
PHP.



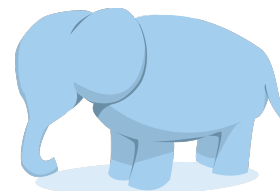
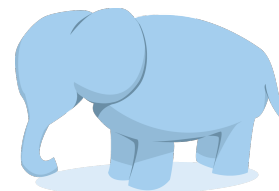
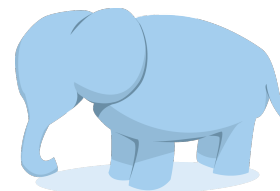
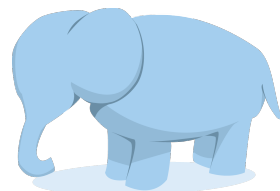
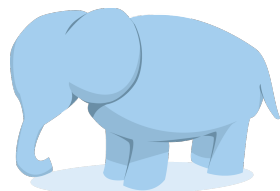
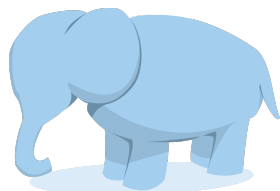
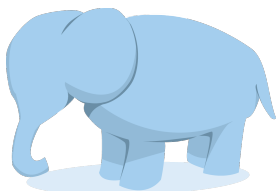
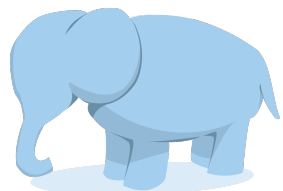


C application





C application

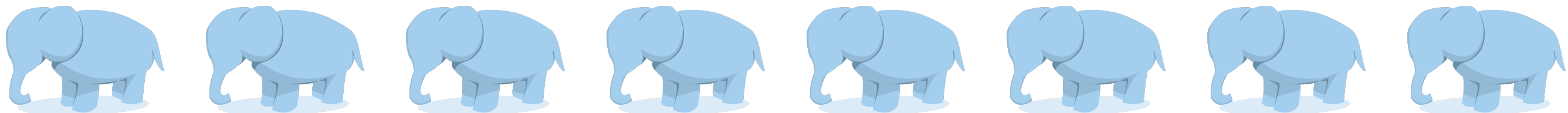


Web Request

Apache

FastCGI

Builtin Web Server



Web Request

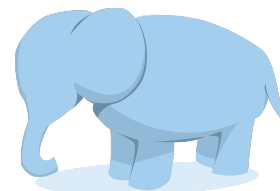
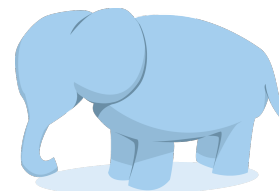
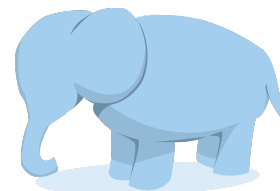
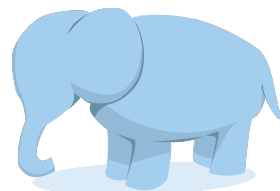
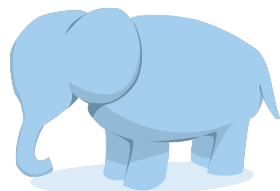
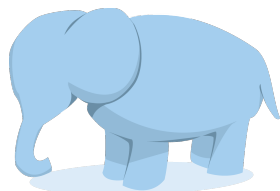
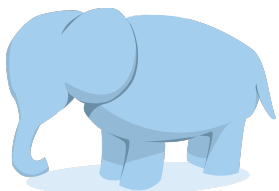
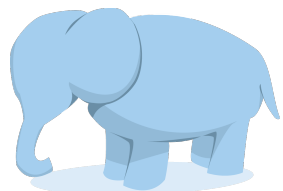
Apache

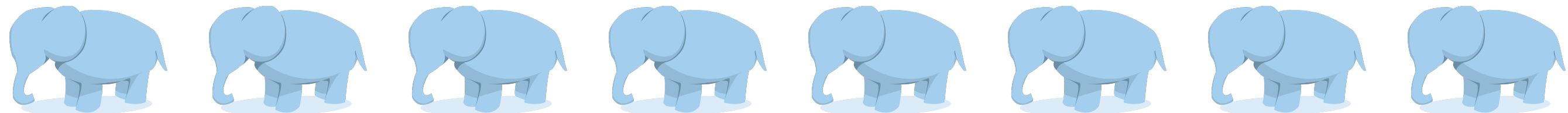
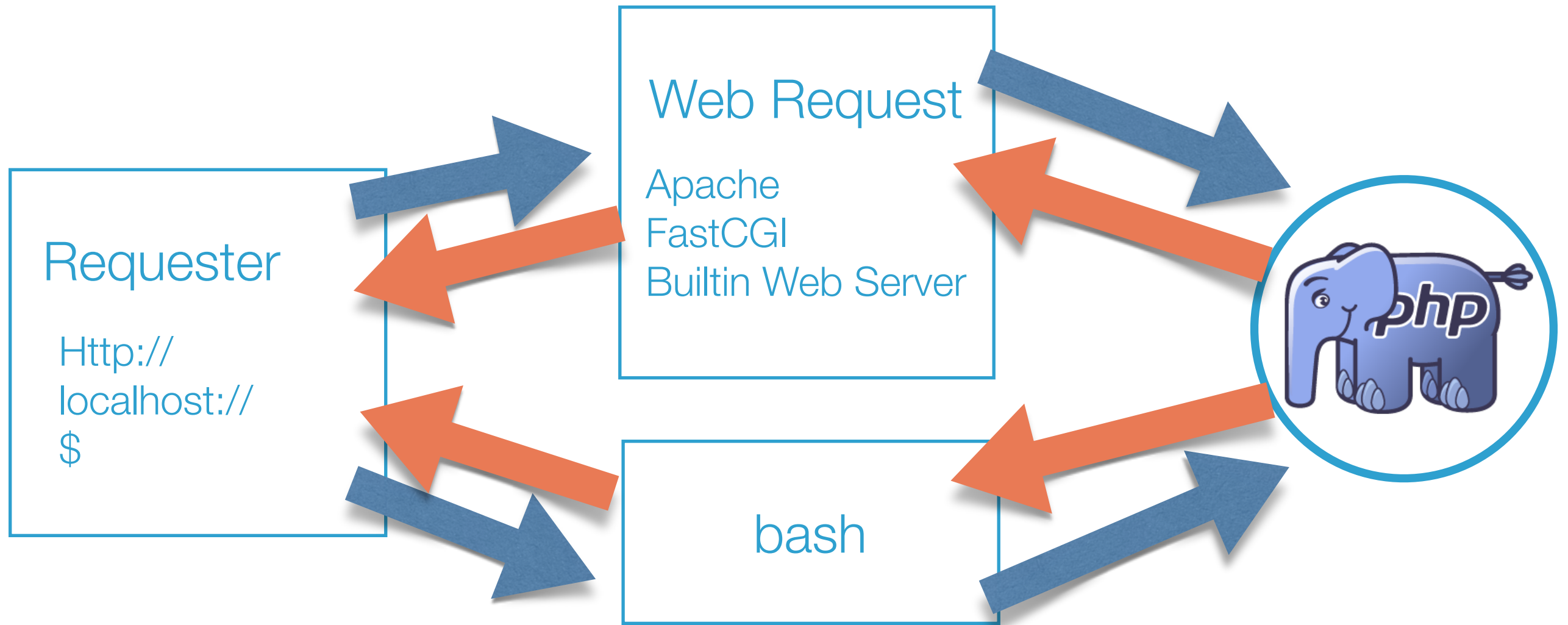
FastCGI

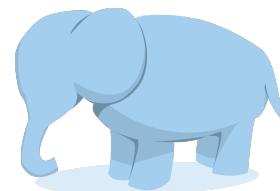
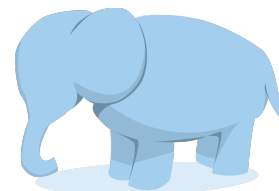
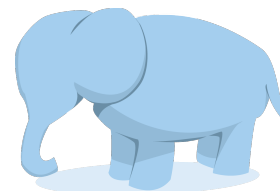
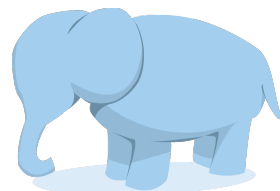
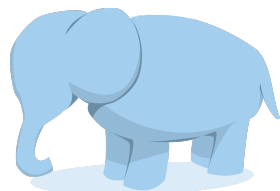
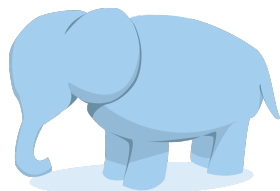
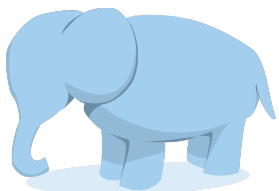
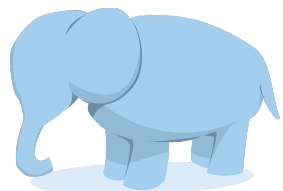
Builtin Web Server



bash

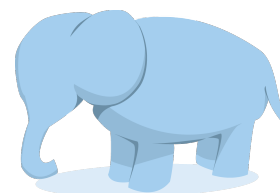
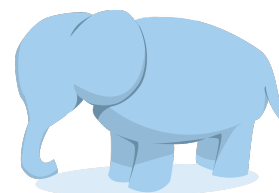
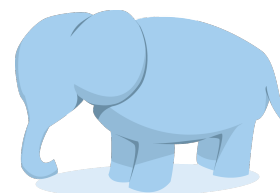
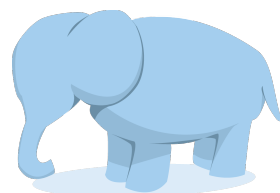
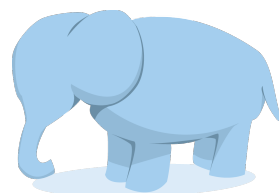
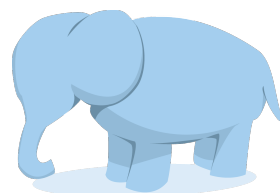
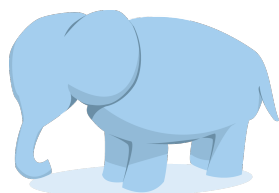
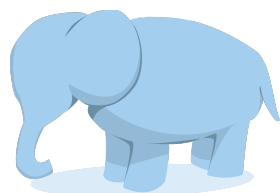






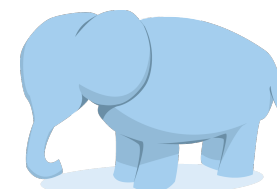
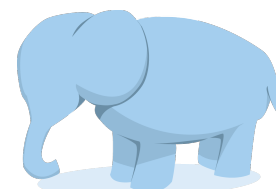
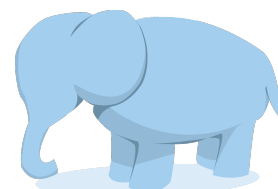
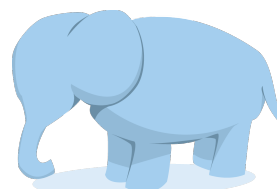
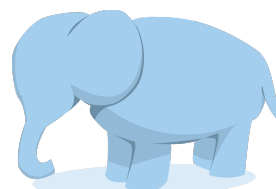
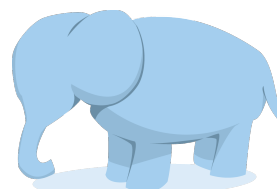
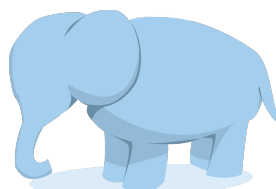
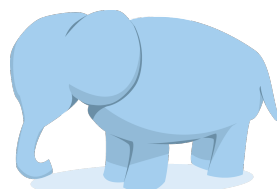


php.ini





php.ini





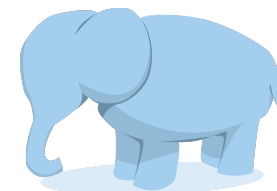
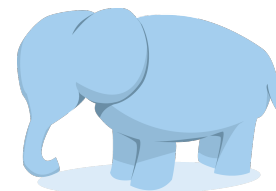
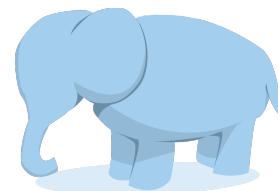
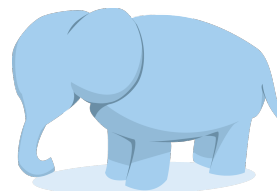
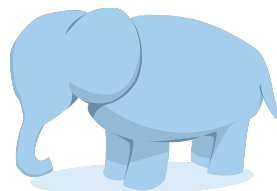
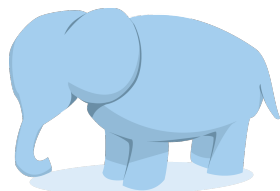
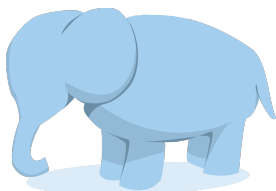
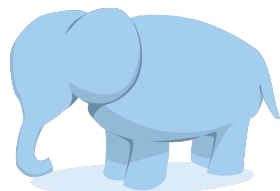
extensions



C application



php.ini



PECL



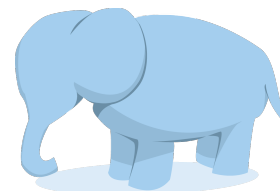
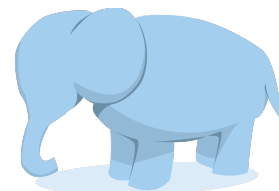
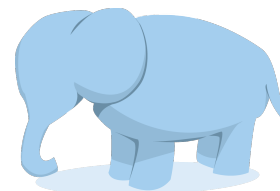
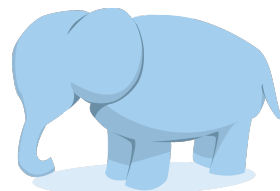
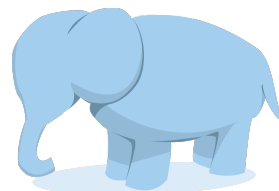
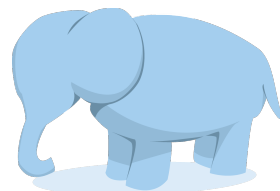
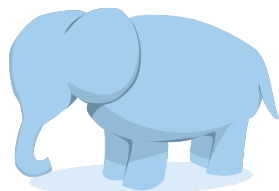
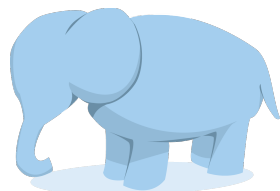
extensions



C application



php.ini



PECL



extensions



C application

PEAR



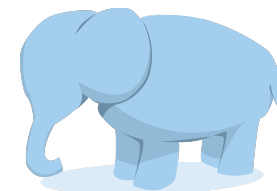
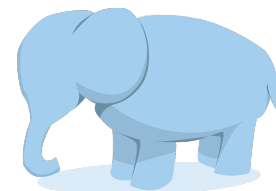
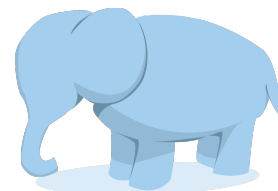
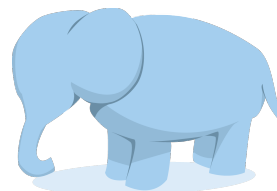
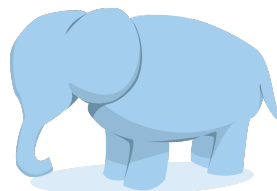
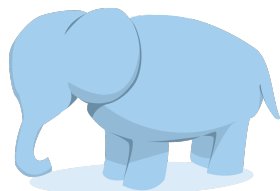
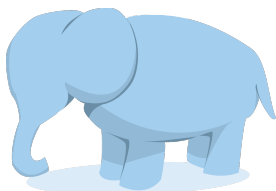
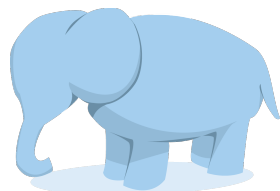
components



PHP application



php.ini



PECL



extensions



C application

PEAR



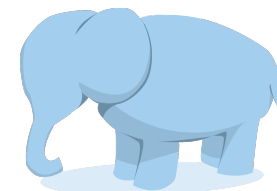
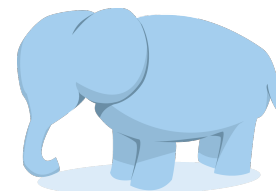
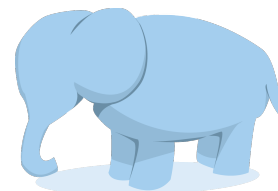
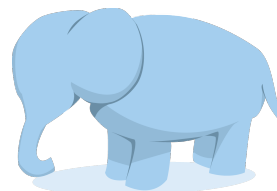
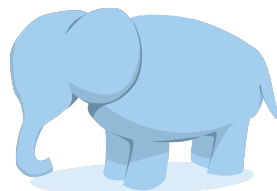
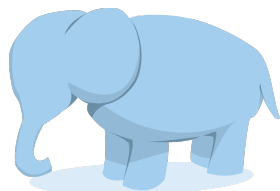
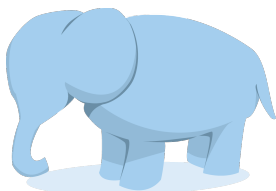
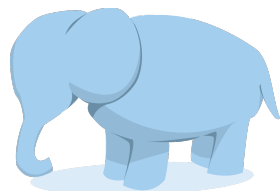
components



PHP application



php.ini



PECL



extensions



C application



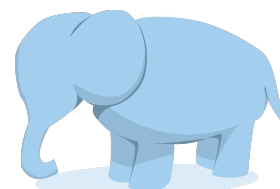
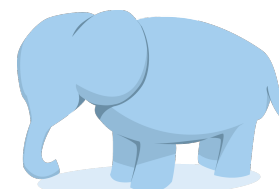
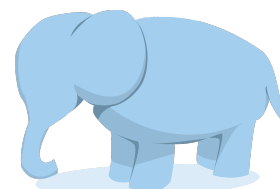
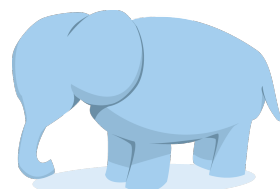
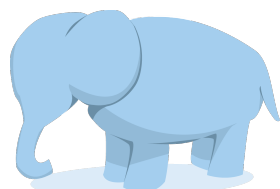
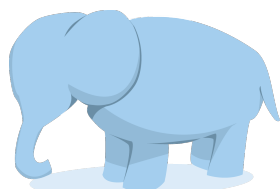
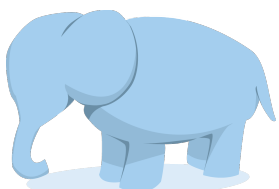
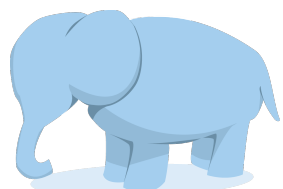
php.ini

system

application



Your application



PECL



extensions



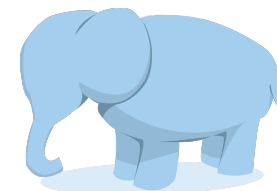
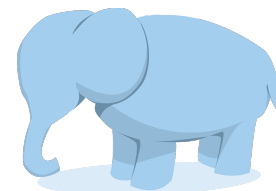
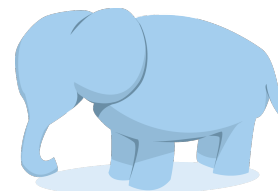
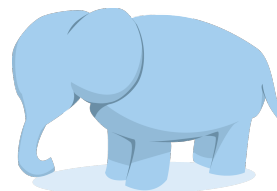
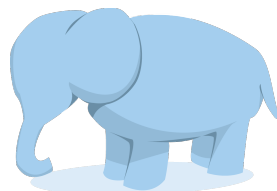
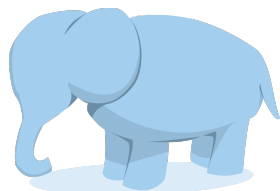
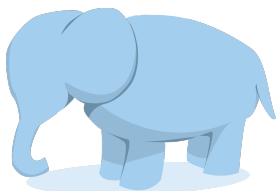
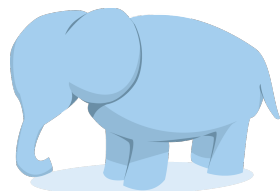
C application



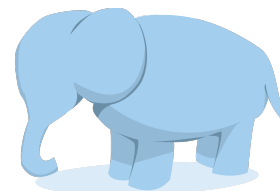
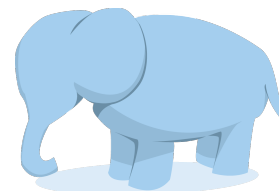
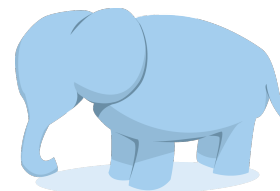
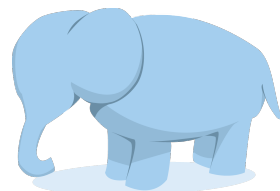
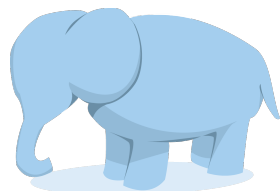
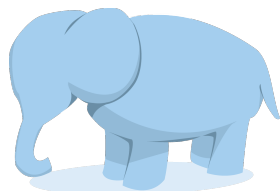
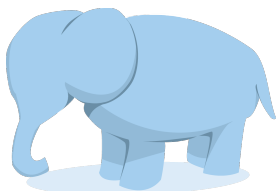
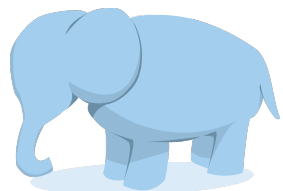
php.ini

system

application



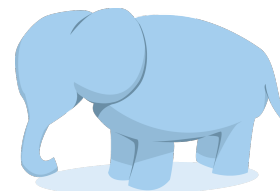
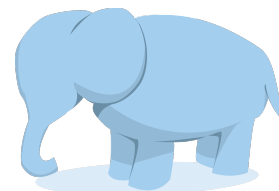
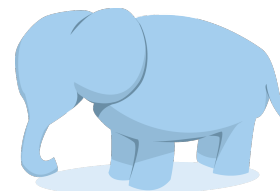
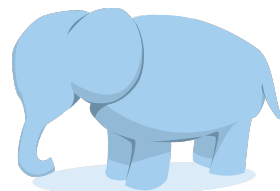
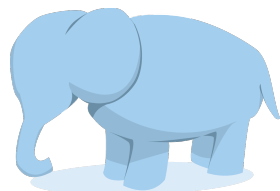
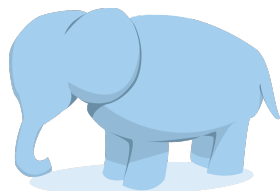
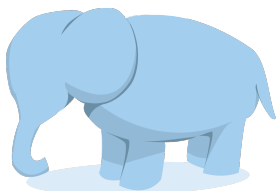
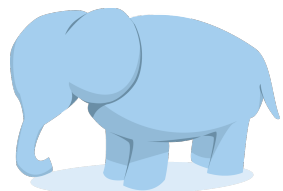
**So, what is
virtPHP?**





system

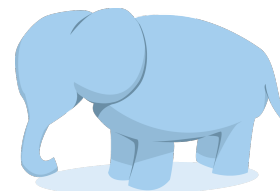
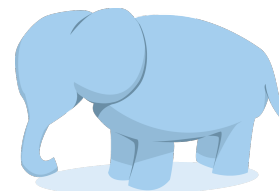
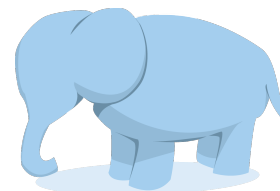
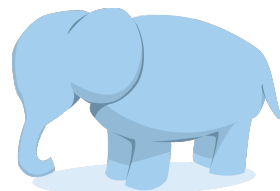
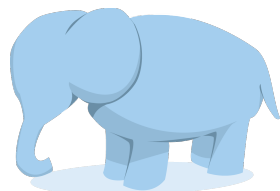
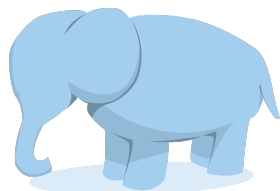
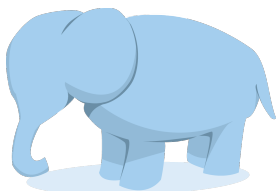
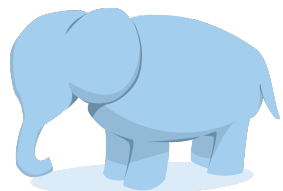
virtPHP
environment





system

virtPHP
environment

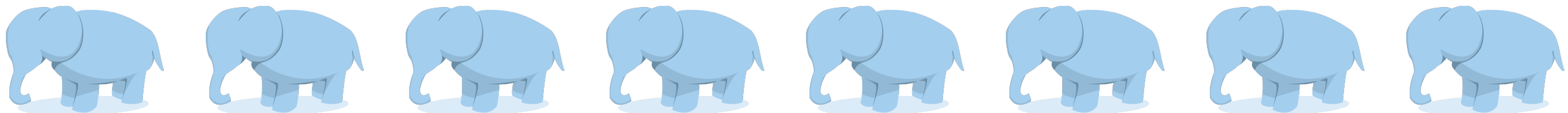




environment1



environment2





environment1



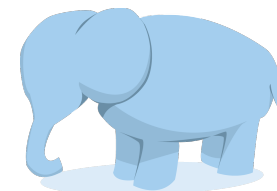
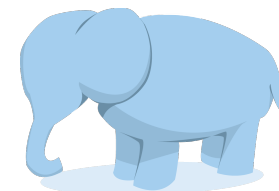
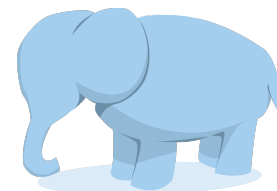
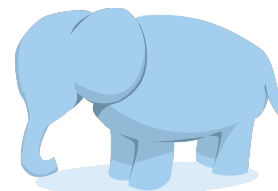
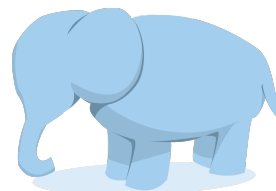
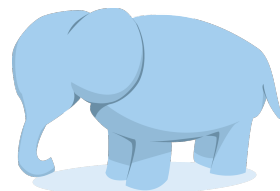
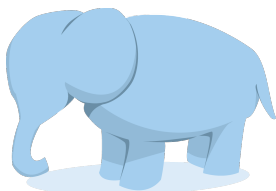
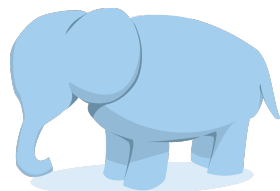
environment2



environment3



environment4



PHP 5.3



PHP 5.5



environment1



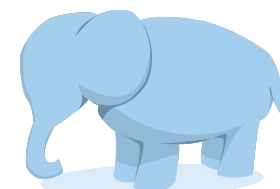
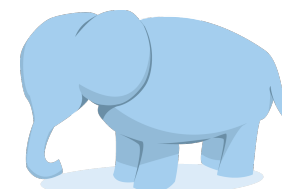
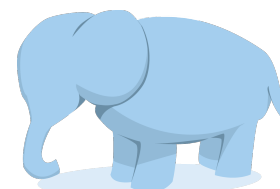
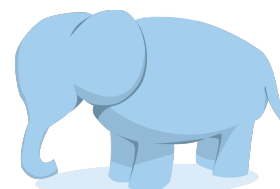
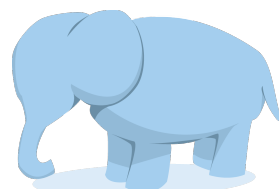
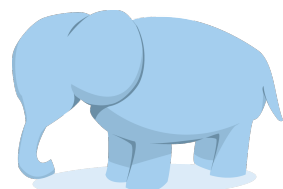
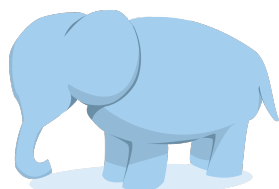
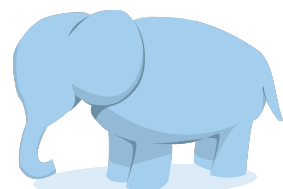
environment2



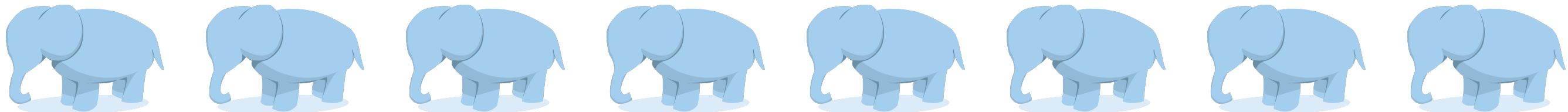
environment3



environment4

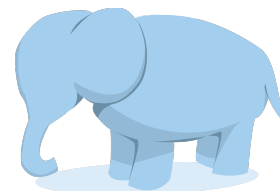
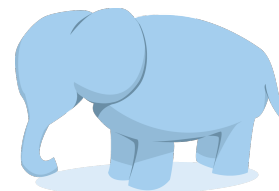
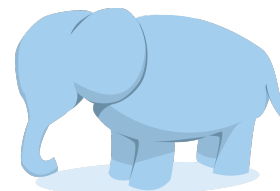
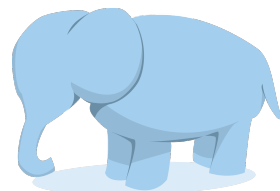
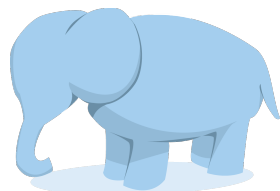
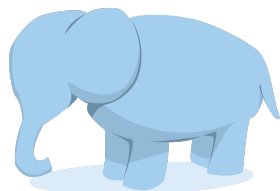
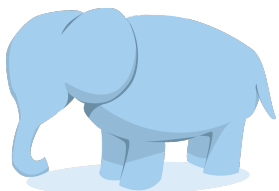
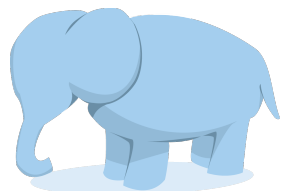


How does **virtPHP** work?



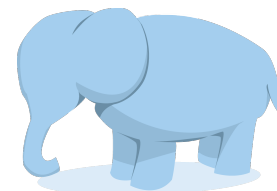
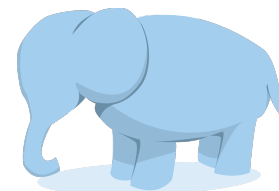
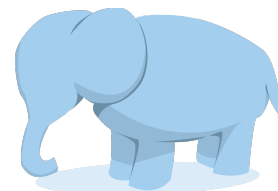
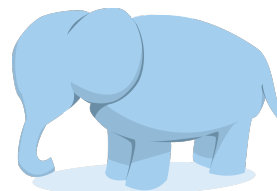
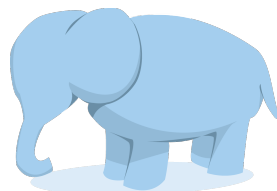
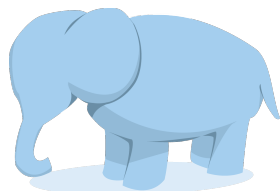
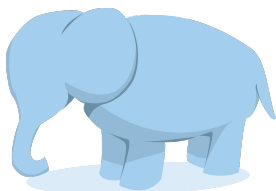
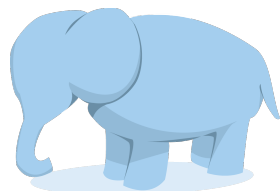
First, we create the project folder

../{your env}/



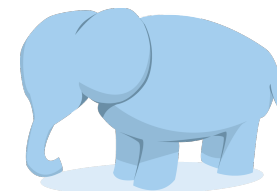
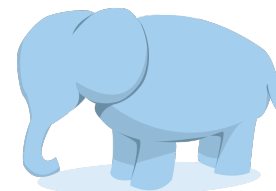
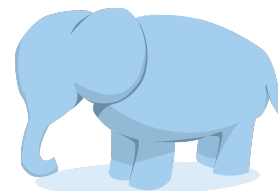
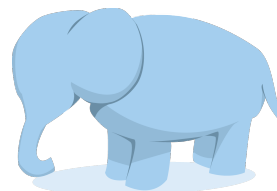
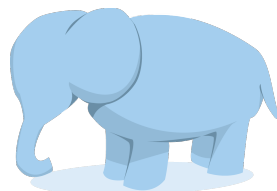
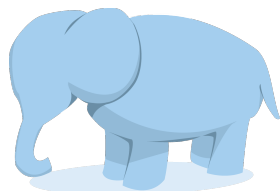
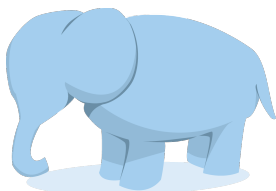
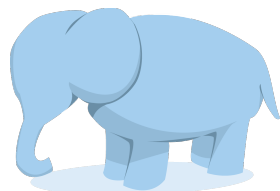
Then, we create root folders

```
../{your env}/  
  .virtphp  
  bin/  
  etc/  
  lib/  
  share/
```



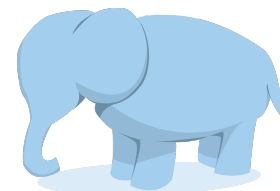
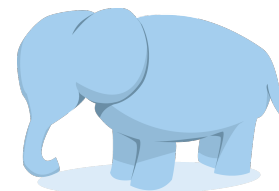
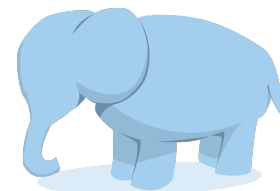
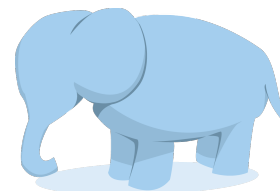
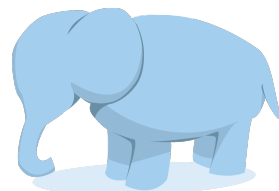
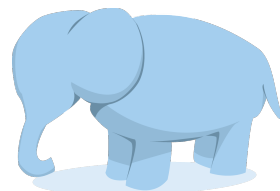
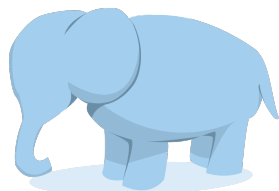
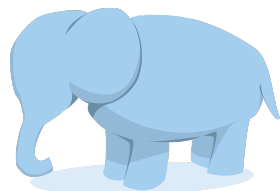
Finally, we install a lot of files

```
../{your env}/  
  .virtphp  
  bin/  
    activate  
    composer  
    composer.phar  
    pear  
    peardev  
    pecl  
    php  
    php-config  
    phpize  
  etc/  
    pear.conf  
    php.ini  
  ...  
  ...  
lib/  
  php/  
  share/  
    pear/  
      cache/  
      cfg/  
      download/  
      temp/  
      tests/  
      www/  
    php/
```



bin/ is your applications

```
../{your env}/  
  .virtphp  
  bin/  
    activate  
    composer  
    composer.phar  
    pear  
    peardev  
    pecl  
    php  
    php-config  
    phpize  
  etc/  
    pear.conf  
    php.ini  
  ...  
...  
lib/  
  php/  
share/  
  pear/  
    cache/  
    cfg/  
    download/  
    temp/  
    tests/  
    www/  
  php/
```

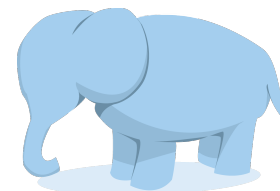
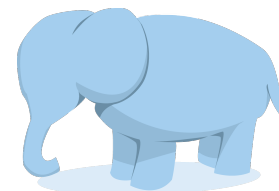
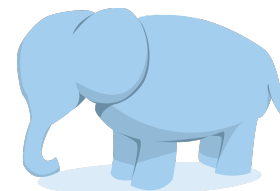
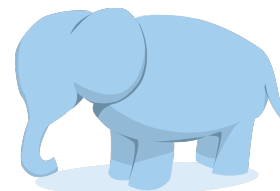
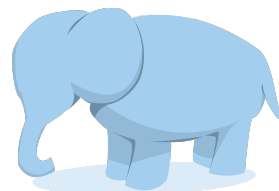
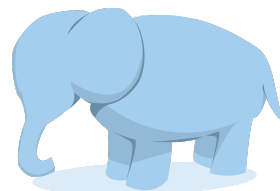
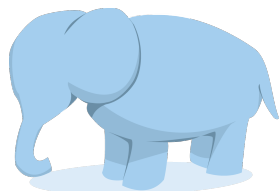
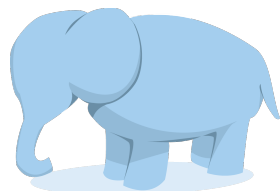


etc/ is your configurations

```
../{your env}/  
  .virtphp  
  bin/  
    activate  
    composer  
    composer.phar  
    pear  
    peardev  
    pecl  
    php  
    php-config  
    phpize  
  
etc/  
  pear.conf  
  php.ini  
  ...  
  ...
```

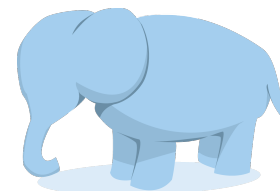
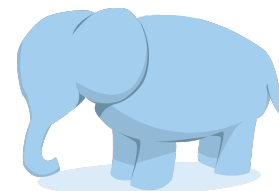
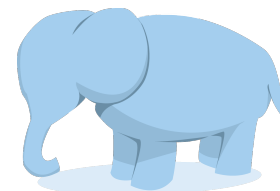
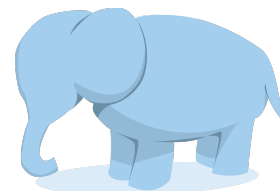
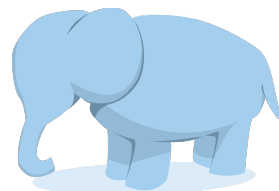
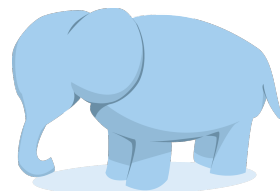
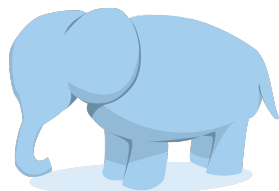
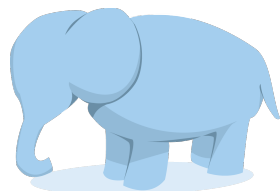
...

```
lib/  
  php/  
  share/  
    pear/  
      cache/  
      cfg/  
      download/  
      temp/  
      tests/  
      www/  
    php/
```



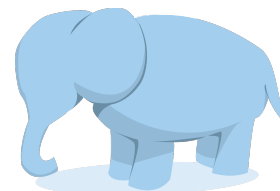
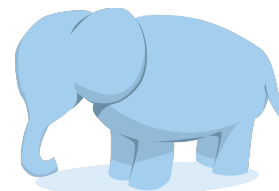
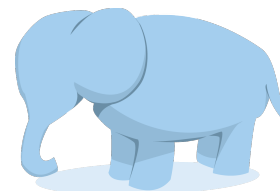
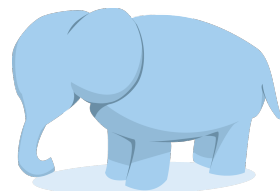
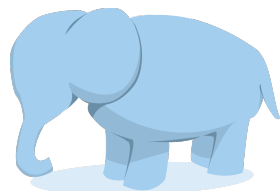
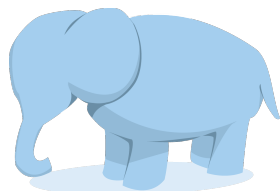
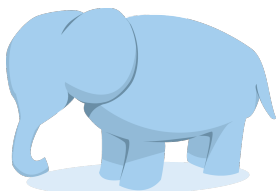
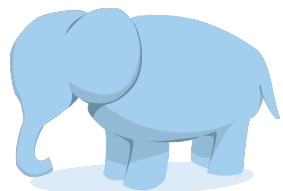
lib/ is where pecl extensions go

```
../{your env}/  
  .virtphp  
  bin/  
    activate  
    composer  
    composer.phar  
    pear  
    peardev  
    pecl  
    php  
    php-config  
    phpize  
  etc/  
    pear.conf  
    php.ini  
  ...  
...  
lib/  
  php/  
  share/  
    pear/  
      cache/  
      cfg/  
      download/  
      temp/  
      tests/  
      www/  
  php/
```



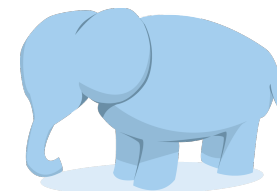
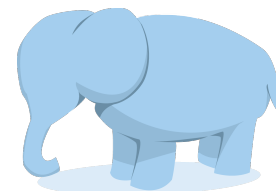
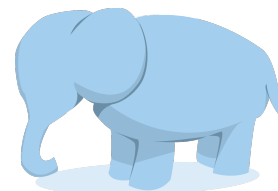
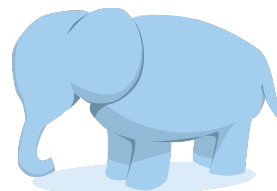
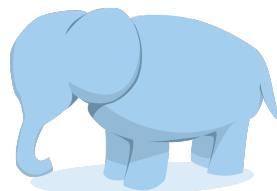
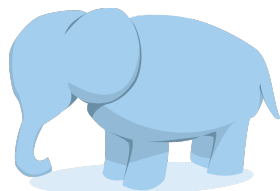
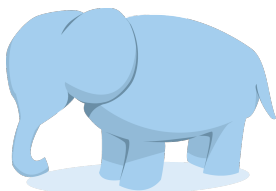
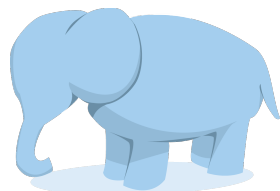
share/pear is for pear support

```
../{your env}/  
  .virtphp  
  bin/  
    activate  
    composer  
    composer.phar  
    pear  
    peardev  
    pearl  
    php  
    php-config  
    phpize  
  etc/  
    pear.conf  
    php.ini  
  ...  
  ...  
lib/  
  php/  
  share/  
  pear/  
    cache/  
    cfg/  
    download/  
    temp/  
    tests/  
    www/  
  php/
```



share/php is for pear packages

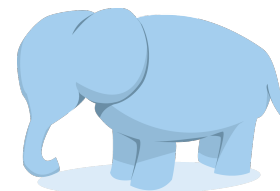
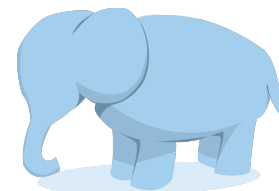
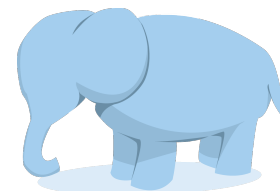
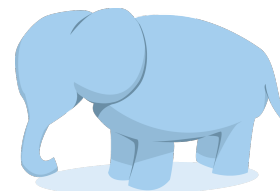
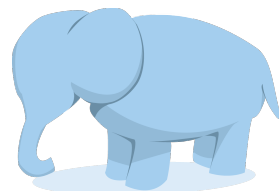
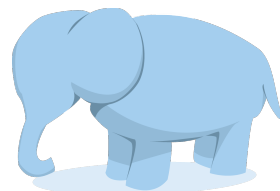
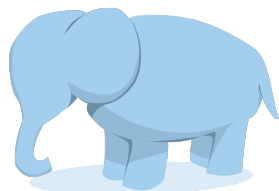
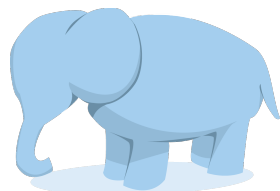
```
../{your env}/  
  .virtphp  
  bin/  
    activate  
    composer  
    composer.phar  
    pear  
    peardev  
    pecl  
    php  
    php-config  
    phpize  
  etc/  
    pear.conf  
    php.ini  
  ...  
  ...  
lib/  
  php/  
  share/  
  pear/  
    cache/  
    cfg/  
    download/  
    temp/  
    tests/  
    www/  
  php/
```



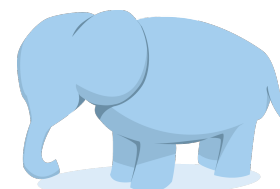
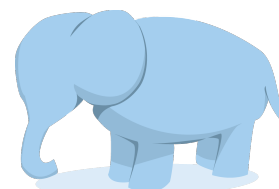
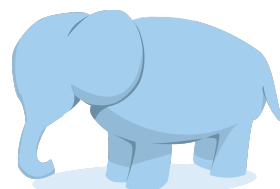
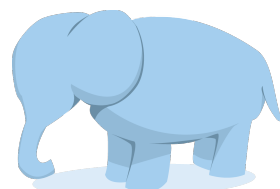
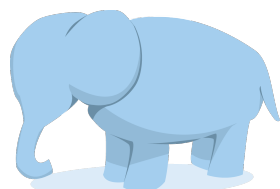
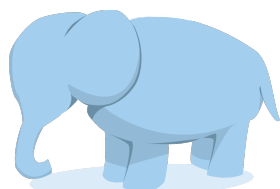
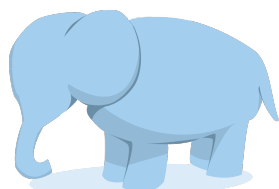
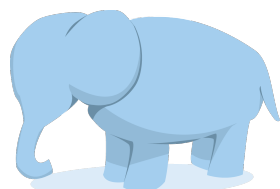
Enlightened Pair

virtphp.phar

```
../{your env}/  
  .virtphp  
  bin/  
    activate  
    composer  
    composer.phar  
    pear  
    peardev  
    pecl  
    php  
    php-config  
    phpize  
  etc/  
    pear.conf  
    php.ini  
  ...  
lib/  
  php/  
share/  
  pear/  
    cache/  
    cfg/  
    download/  
    temp/  
    tests/  
    www/  
  php/
```



The Keymaster



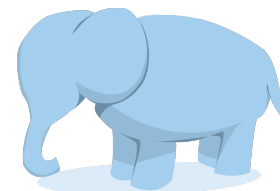
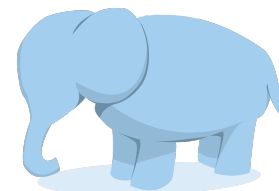
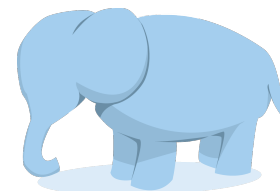
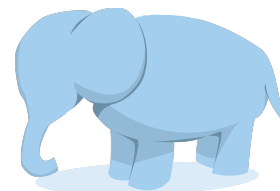
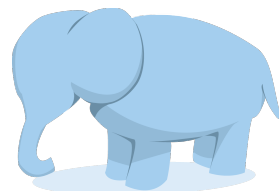
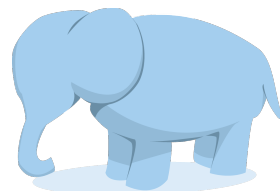
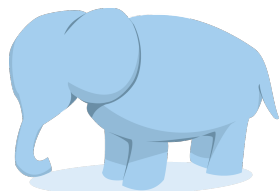
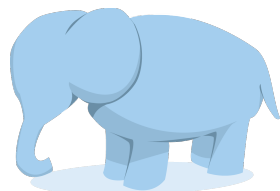
The Keymaster

virtphp.phar

```
../{your env}/  
  .virtphp  
  bin/  
    activate  
    composer  
    composer.phar  
    pear  
    peardev  
    pecl  
    php  
    php-config  
    phpize  
  etc/  
    pear.conf  
    php.ini  
  ...
```

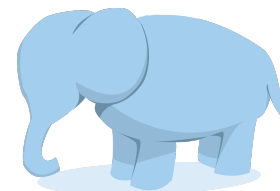
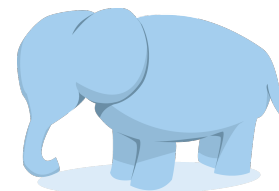
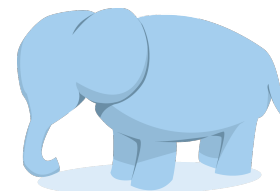
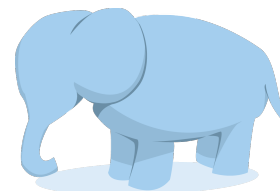
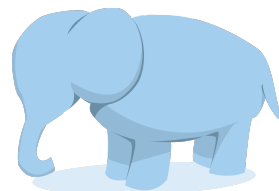
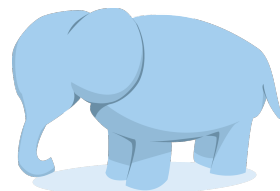
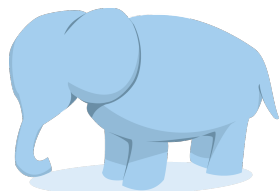
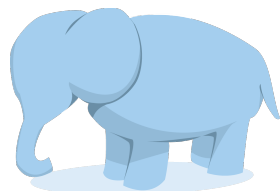
...

```
lib/  
  php/  
share/  
  pear/  
    cache/  
    cfg/  
    download/  
    temp/  
    tests/  
    www/  
  php/
```

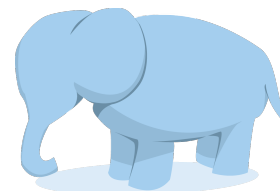
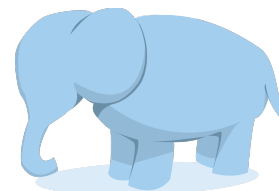
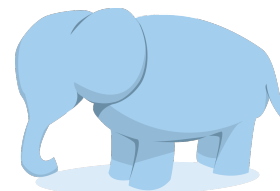
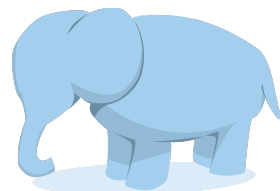
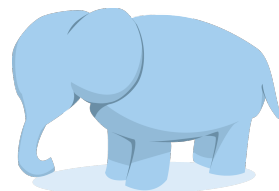
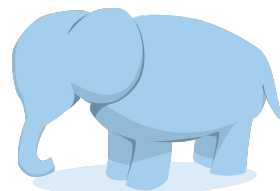
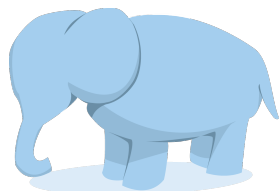
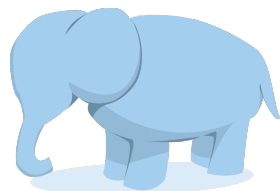


The Gatekeeper

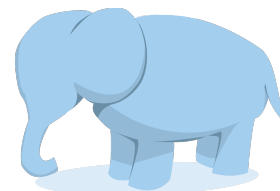
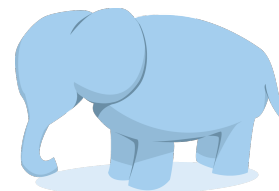
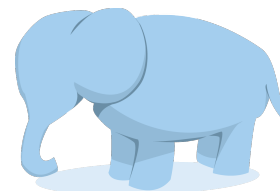
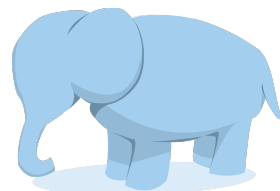
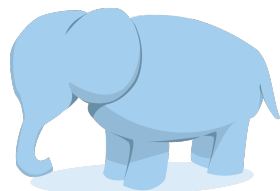
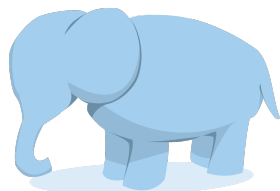
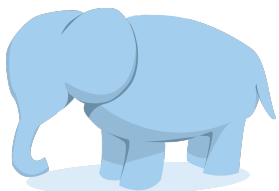
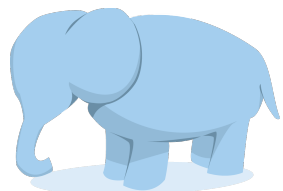
```
../{your env}/  
  .virtphp  
  bin/  
    activate  
    composer  
    composer.phar  
    pear  
    peardev  
    pecl  
    php  
    php-config  
    phpize  
  etc/  
    pear.conf  
    php.ini  
  ...  
  ...  
lib/  
  php/  
share/  
  pear/  
    cache/  
    cfg/  
    download/  
    temp/  
    tests/  
    www/  
  php/
```



The Gatekeeper

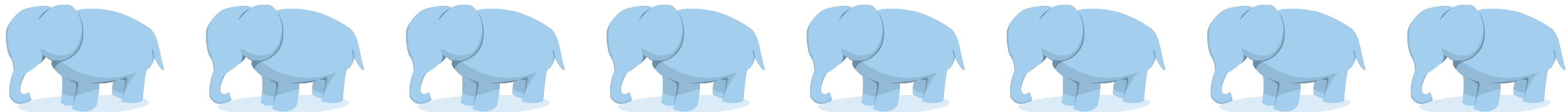


activate script



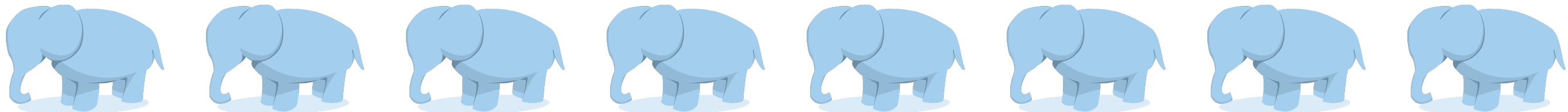
activate script

1. Check if a virtualenv is running



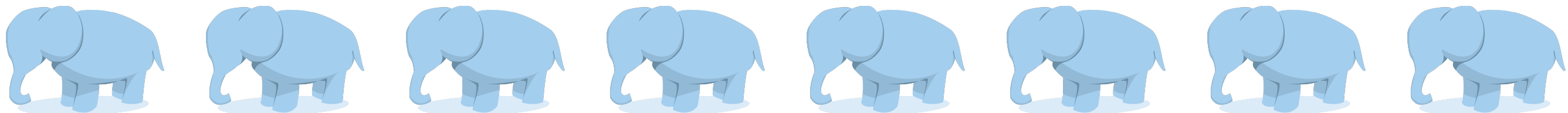
activate script

2. Check if a virtPHP is running



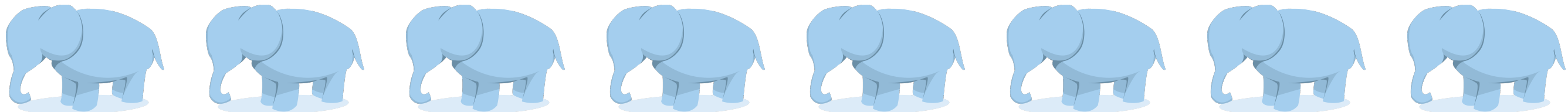
activate script

3. Deactivate any virtPHP that might be running



activate script

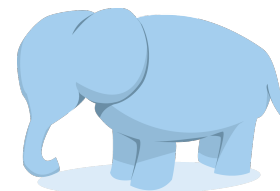
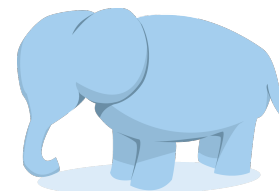
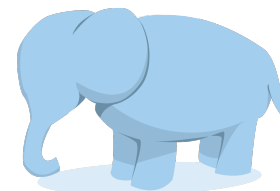
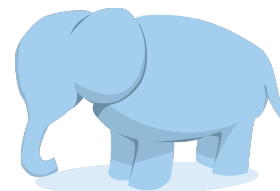
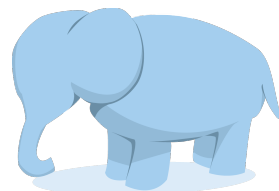
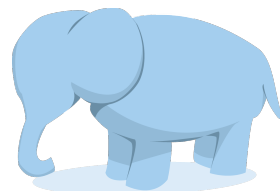
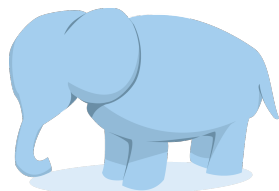
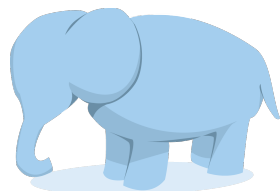
4. Set shell session variables



activate script

4. Set shell session variables

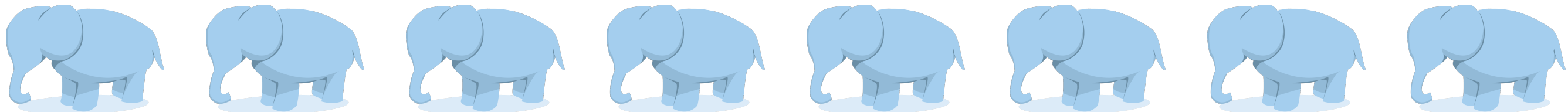
- PATH
- PS1 (prompt)
- PHP_INI_SCAN_DIR
- VIRTPHP_ENV_PATH
- VIRTPHP_COMPOSER_GLOBAL
- VIRT_PHP_OLD_VIRTUAL_PATH



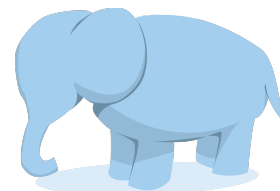
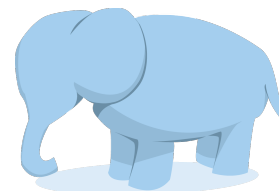
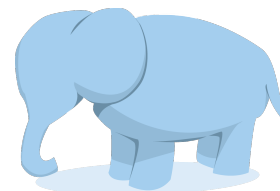
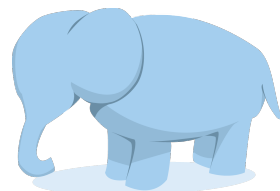
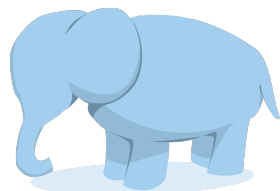
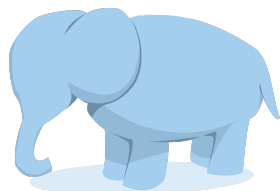
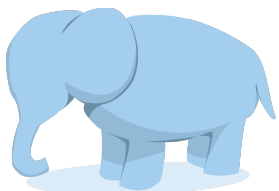
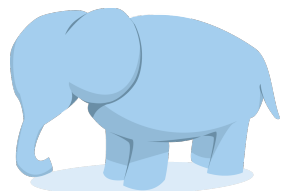
activate script

4. Set shell session variables

Only for the duration of the current terminal session.



Let's see it in action.





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virtphp / virtphp

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Releases

Tags

Pre-release

v0.5.1-alpha

af4b772

v0.5.1-alpha



jwoodcock released this 9 days ago

- Released adding base foundation for more detailed logging along with pear install logging.

↓ virtphp.phar

📄 Source code (zip)

📄 Source code (tar.gz)

Pre-release

v0.5.0-alpha

642f2d6

v0.5.0-alpha



ramsey released this on Jun 6 · 8 commits to master since this release

- Added support for global Composer installs in the active virtPHP environment
- Fixed a bug on OS X involving the presence of an existing `~/.pearrc` file
- Various bug fixes and docs improvements

↓ virtphp.phar

📄 Source code (zip)

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- Various bug fixes and docs improvements

↓ virtphp.phar

Source code (zip)

Source code (tar.gz)

```
ramsey@virtphp:~$ wget https://github.com/virtphp/  
virtphp/releases/download/v0.5.1-alpha/  
virtphp.phar
```

```
ramsey@virtphp:~$ wget https://github.com/virtphp/  
virtphp/releases/download/v0.5.1-alpha/  
virtphp.phar
```

```
ramsey@virtphp:~$ chmod +x virtphp.phar
```

```
ramsey@virtphp:~$ wget https://github.com/virtphp/  
virtphp/releases/download/v0.5.1-alpha/  
virtphp.phar
```

```
ramsey@virtphp:~$ chmod +x virtphp.phar
```

```
ramsey@virtphp:~$ mv virtphp.phar ~/bin/virtphp
```

```
ramsey@virtphp:~$ wget https://github.com/virtphp/  
virtphp/releases/download/v0.5.1-alpha/  
virtphp.phar
```

```
ramsey@virtphp:~$ chmod +x virtphp.phar
```

```
ramsey@virtphp:~$ mv virtphp.phar ~/bin/virtphp
```

```
ramsey@virtphp:~$ which virtphp  
/home/ramsey/bin/virtphp
```

```
ramsey@virtphp:~$ wget https://github.com/virtphp/  
virtphp/releases/download/v0.5.1-alpha/  
virtphp.phar
```

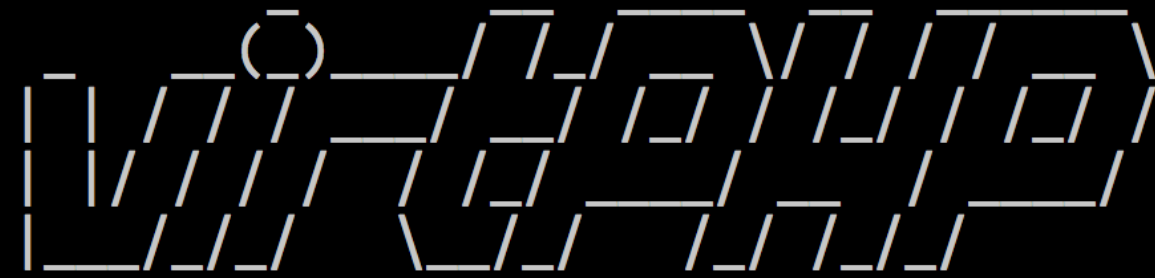
```
ramsey@virtphp:~$ chmod +x virtphp.phar
```

```
ramsey@virtphp:~$ mv virtphp.phar ~/bin/virtphp
```

```
ramsey@virtphp:~$ which virtphp  
/home/ramsey/bin/virtphp
```

```
ramsey@virtphp:~$ virtphp
```

```
ramsey@virtphp:~$ virtphp
```



```
virtPHP version v0.5.1-alpha 2014-08-13 16:05:47
```

Usage:

```
[options] command [arguments]
```

Options:

--help	-h	Display this help message.
--quiet	-q	Do not output any message.
--verbose	-v vv vvv	Increase the verbosity of messages: 1 for normal output and 3 for debug
--version	-V	Display this application version.
--ansi		Force ANSI output.
--no-ansi		Disable ANSI output.
--no-interaction	-n	Do not ask any interactive question.

Available commands:

clone	Create new virtPHP from existing path.
create	Create new virtPHP environment.
destroy	Destroy an existing virtual environment.
help	Displays help for a command
list	Lists commands
show	Show a list of all the current environments.

```
ramsey@virtphp:~$ virtphp show
```

```
either no environments have been created on this system or the json file has been moved
```

```
ramsey@virtphp:~$ virtphp create project1
Creating .virtphp directory in user home folder.
Creating the environments.json file.
Creating the env folder to hold the environments.
Checking current environment
Creating directory structure
Creating virtPHP version file
Creating custom php.ini
Wrapping PHP binary
Downloading pear phar file, this could take a while...
Installing PEAR
Saving pear.conf file.
Installing Composer locally
Installing activate/deactivate script
Your virtual php environment (project1) has been created!
You can activate your new environment using: ~$ source /home/ramsey/.virtphp/envs/project1/bin/activate

Getting the contents of current environments file.
Writing updated list to environments file.
```

```
ramsey@virtphp:~$ virtphp show
```

+-----+-----+-----+-----+			
Name	Path	ACTIVATE	
+-----+-----+-----+-----+			
project1	/home/ramsey/.virtphp/envs	source /home/ramsey/.virtphp/envs/project1/bin/activate	
project2	/home/ramsey/.virtphp/envs	source /home/ramsey/.virtphp/envs/project2/bin/activate	
project3	/home/ramsey/.virtphp/envs	source /home/ramsey/.virtphp/envs/project3/bin/activate	
project4	/home/ramsey/.virtphp/envs	source /home/ramsey/.virtphp/envs/project4/bin/activate	
+-----+-----+-----+-----+			

```
ramsey@virtphp:~$ which php  
/usr/bin/php
```

```
ramsey@virtphp:~$ which php  
/usr/bin/php
```

```
ramsey@virtphp:~$ source /home/ramsey/.virtphp/  
envs/project1/bin/activate
```

```
ramsey@virtphp:~$ which php  
/usr/bin/php
```

```
ramsey@virtphp:~$ source /home/ramsey/.virtphp/  
envs/project1/bin/activate
```

```
(project1) ramsey@virtphp:~$
```

```
ramsey@virtphp:~$ which php  
/usr/bin/php
```

```
ramsey@virtphp:~$ source /home/ramsey/.virtphp/  
envs/project1/bin/activate
```

```
(project1) ramsey@virtphp:~$
```

```
(project1) ramsey@virtphp:~$ which php  
/home/ramsey/.virtphp/envs/project1/bin/php
```

```
(project1) ramsey@virtphp:~$
```

```
(project1) ramsey@virtphp:~$ source /home/ramsey/  
    .virtphp/envs/project2/bin/activate
```

```
You are currently in a virtPHP session. Do you want  
to switch? y/n
```

```
(project1) ramsey@virtphp:~$ deactivate
```

```
ramsey@virtphp:~$
```

```
ramsey@virtphp:~$ which php  
/usr/bin/php
```

```
ramsey@virtphp:~$ source /home/ramsey/.virtphp/  
envs/project2/bin/activate
```

```
ramsey@virtphp:~$ source /home/ramsey/.virtphp/  
envs/project2/bin/activate
```

```
(project2) ramsey@virtphp:~$
```

```
ramsey@virtphp:~$ source /home/ramsey/.virtphp/  
envs/project2/bin/activate
```

```
(project2) ramsey@virtphp:~$
```

```
(project2) ramsey@virtphp:~$ pecl install mongo
```

```
...
```

```
ramsey@virtphp:~$ source /home/ramsey/.virtphp/  
envs/project2/bin/activate
```

```
(project2) ramsey@virtphp:~$
```

```
(project2) ramsey@virtphp:~$ pecl install mongo
```

```
...
```

```
(project2) ramsey@virtphp:~$ php --ri mongo
```

```
mongo
```

```
MongoDB Support => enabled
```

```
Version => 1.5.5
```

```
...
```

```
(project2) ramsey@virtphp:~$ source /home/ramsey/  
    .virtphp/envs/project1/bin/activate  
You are currently in a virtPHP session. Do you want  
to switch? y/n y
```

```
(project1) ramsey@virtphp:~$
```

```
(project2) ramsey@virtphp:~$ source /home/ramsey/  
    .virtphp/envs/project1/bin/activate  
You are currently in a virtPHP session. Do you want  
to switch? y/n y
```

```
(project1) ramsey@virtphp:~$
```

```
(project1) ramsey@virtphp:~$ php --ri mongo  
Extension 'mongo' not present.
```

```
(project2) ramsey@virtphp:~$ source /home/ramsey/.virtphp/envs/project1/bin/activate
You are currently in a virtPHP session. Do you want to switch? y/n y

(project1) ramsey@virtphp:~$

(project1) ramsey@virtphp:~$ php --ri mongo
Extension 'mongo' not present.

(project1) ramsey@virtphp:~$ pecl install mongo-1.2.12

...
```

```
(project2) ramsey@virtphp:~$ source /home/ramsey/.virtphp/envs/project1/bin/activate
You are currently in a virtPHP session. Do you want to switch? y/n y

(project1) ramsey@virtphp:~$

(project1) ramsey@virtphp:~$ php --ri mongo
Extension 'mongo' not present.

(project1) ramsey@virtphp:~$ pecl install mongo-1.2.12

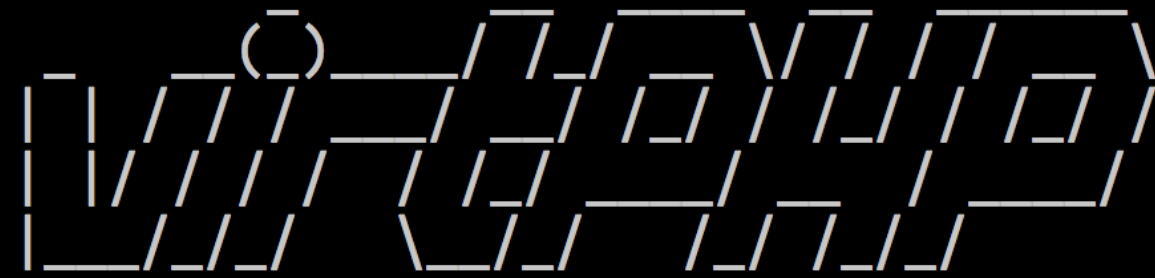
...

(project1) ramsey@virtphp:~$ php --ri mongo

mongo

MongoDB Support => enabled
Version => 1.2.12
```

```
ramsey@virtphp:~$ virtphp
```



```
virtPHP version v0.5.1-alpha 2014-08-13 16:05:47
```

Usage:

```
[options] command [arguments]
```

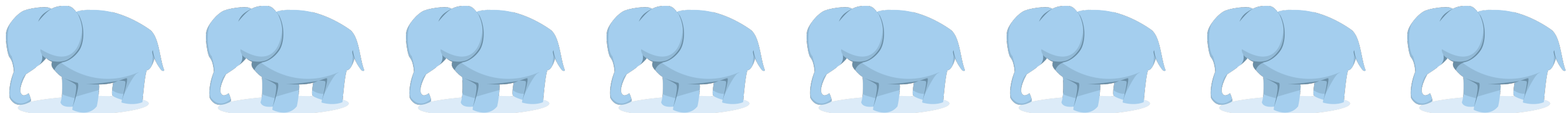
Options:

<code>--help</code>	<code>-h</code> Display this help message.
<code>--quiet</code>	<code>-q</code> Do not output any message.
<code>--verbose</code>	<code>-v vv vvv</code> Increase the verbosity of messages: 1 for normal output and 3 for debug
<code>--version</code>	<code>-V</code> Display this application version.
<code>--ansi</code>	Force ANSI output.
<code>--no-ansi</code>	Disable ANSI output.
<code>--no-interaction</code>	<code>-n</code> Do not ask any interactive question.

Available commands:

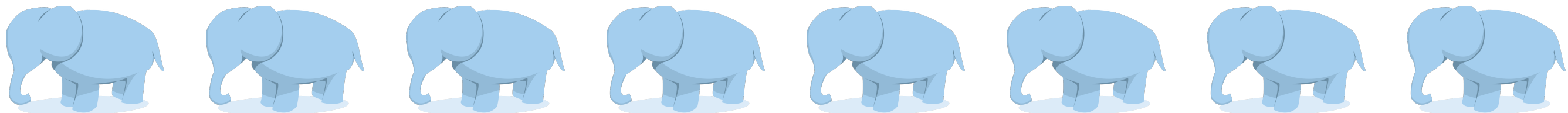
<code>clone</code>	Create new virtPHP from existing path.
<code>create</code>	Create new virtPHP environment.
<code>destroy</code>	Destroy an existing virtual environment.
<code>help</code>	Displays help for a command
<code>list</code>	Lists commands
<code>show</code>	Show a list of all the current environments.

Roadmap to v1



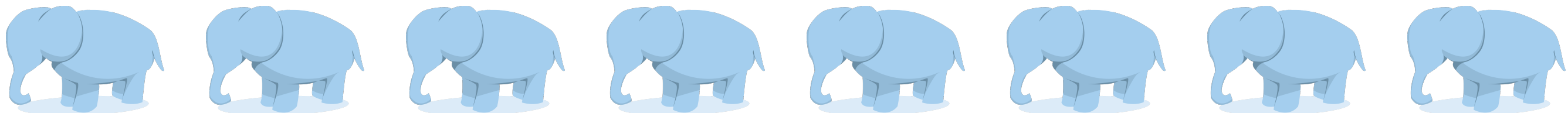
install command

```
virtphp freeze > requirements.json  
virtphp install
```



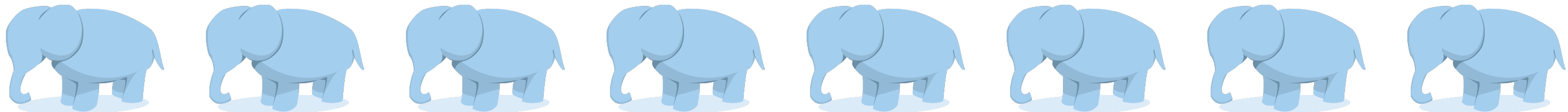
Support on **Linux** for:

- Apache
- CGI
- FPM (potential)
- phpdbg (Research for need and capability)



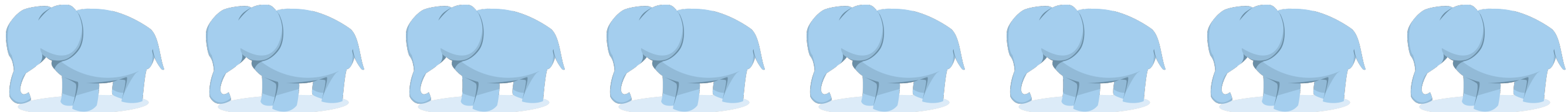
Support on **OSX** for:

- Apache
- CGI
- CLI
- Built-in web server

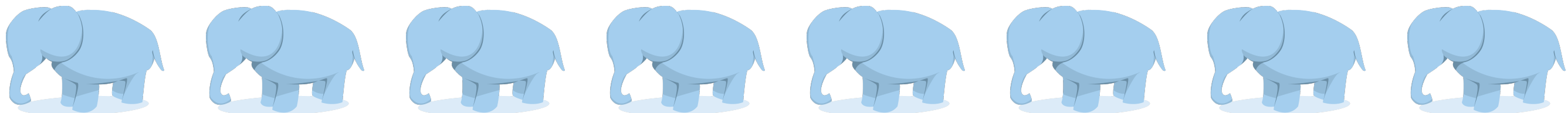


Support on **Windows** for:

- IIS (maybe)
- CGI
- CLI
- Built-in web server

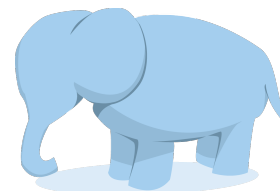
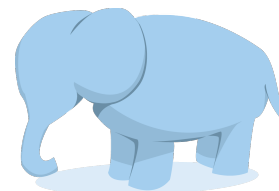
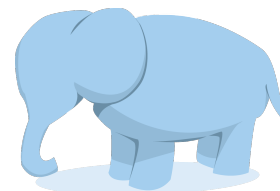
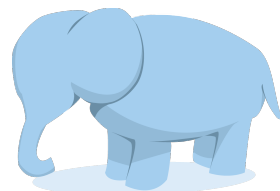
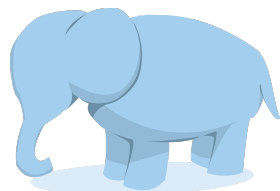
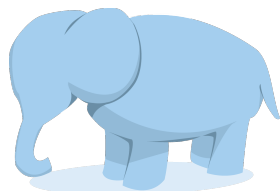
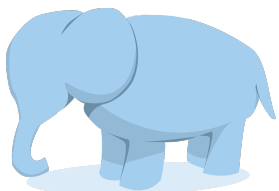
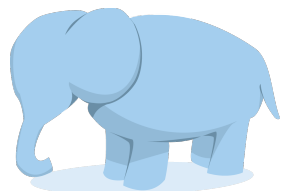


How you can help



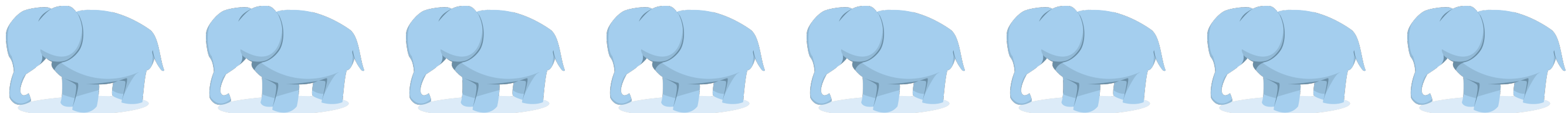
How you can help

Feedback



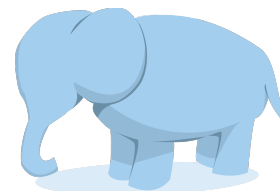
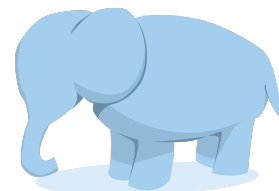
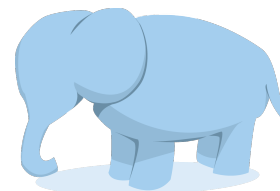
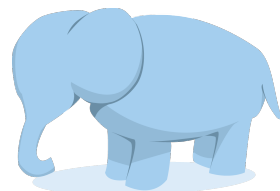
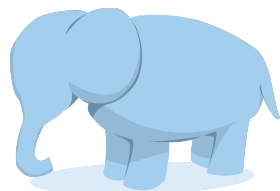
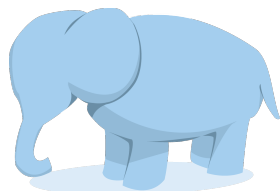
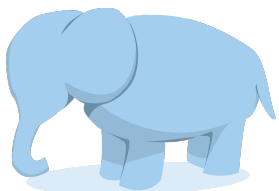
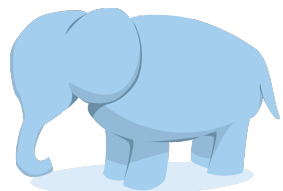
How you can help

**Pull requests
welcomed**



How you can help

Feature requests



Thank you.

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virtPHP: One Box, Multiple Elephants

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