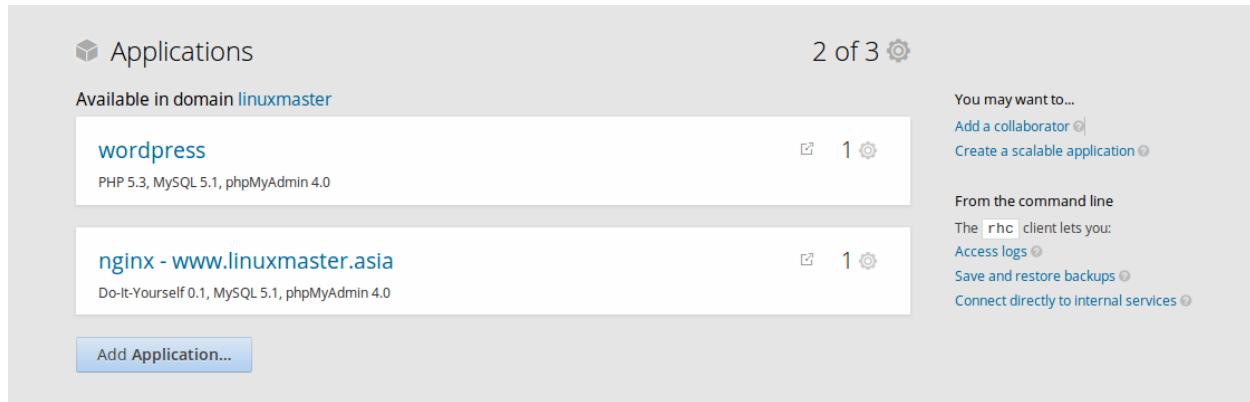


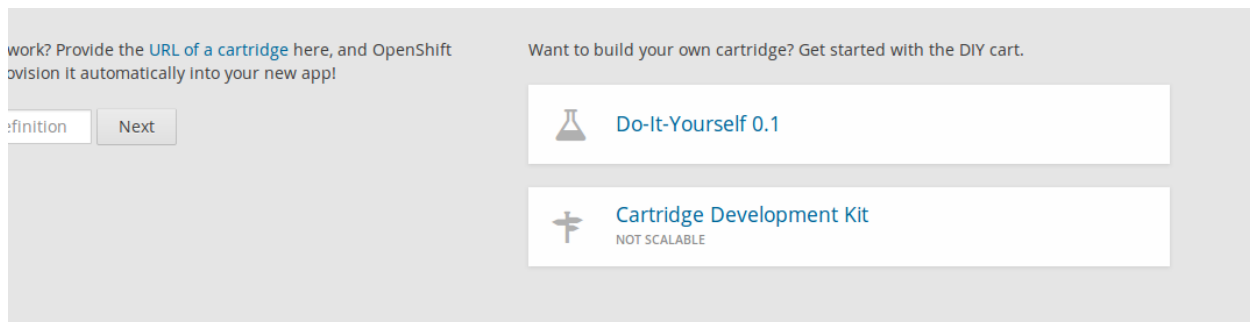
How to install phalcon openshift

1/The first create account <https://openshift.redhat.com>,and install RHC tool
<https://www.openshift.com/developers/rhc-client-tools-install>

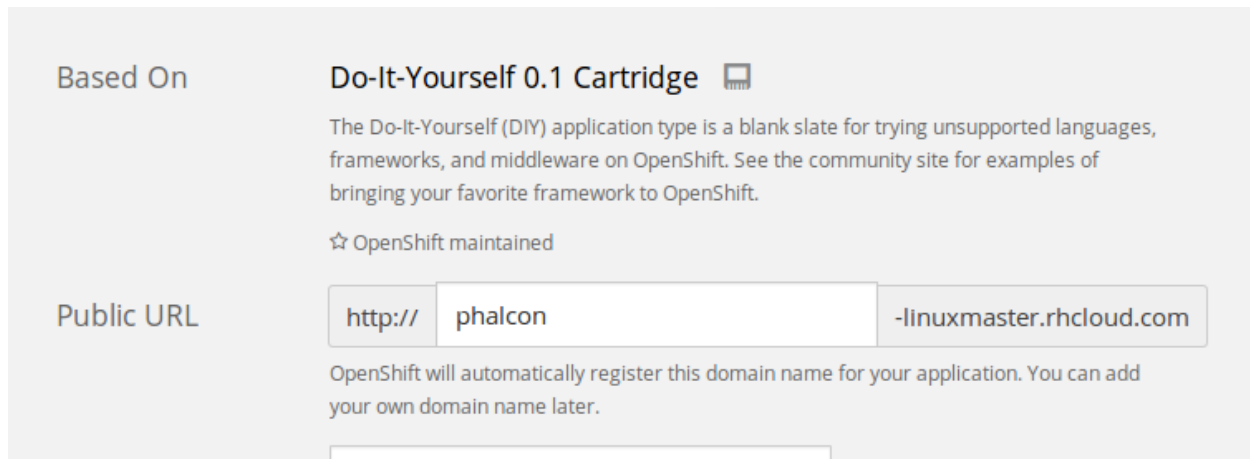
2/Create a new Openshift "Do-It-Yourself" application (login website and click add Application)



and click Do-it-Yourself images below



and input name then scroll end click create..



✓ Disclaimer: This is an experimental cartridge that provides a way to try unsupported languages, frameworks, OpenShift.

Your application has been created. [Continue to the application overview page.](#)

Making code changes

Install the Git client for your operating system, and from your command line run

```
git clone ssh://52b2e70d500446875b0004ca@phalcon-linuxmaster.rhcloud.com
~/git/phalcon.git/
cd phalcon/
```

Manage your app

The console is convenient, but if you use other client tools

Command-Line

All of the capabilities of OpenShift

3/Making code changes

Install the Git client for your operating system, and from your command line run

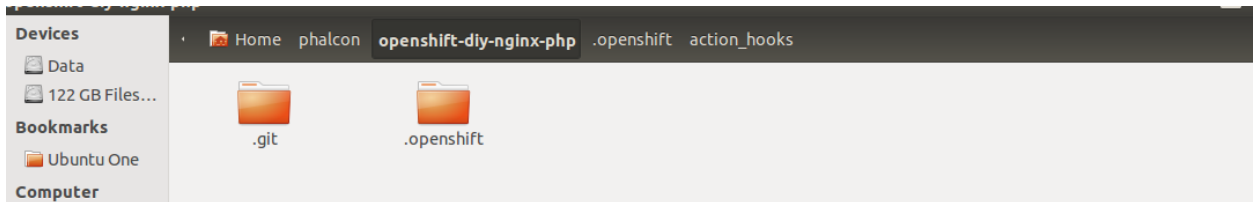
`cd`

`git clone ssh://52b2e70d500446875b0004ca@phalcon-linuxmaster.rhcloud.com`

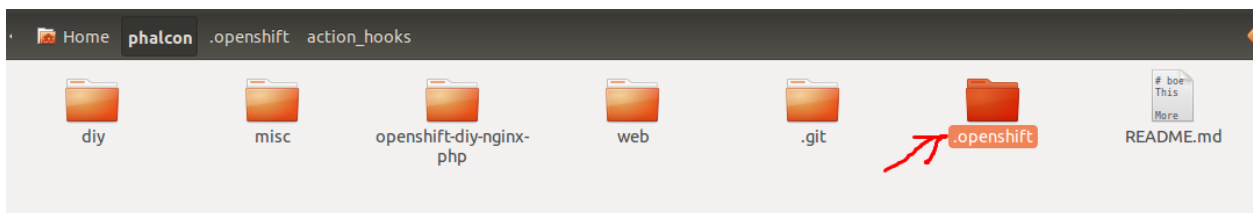
`cd phalcon/`

and `git clone https://github.com/duythien/openshift-diy-nginx-php.git`

and open Home Folder move folder phalcon/openshift-diy-nginx-php , CTRL + H see .openshift



copy .openshift overwrite into folder phalcon



and open terminal

```
opensue@opensue-E1425M:~/phalcon$ git add -A
opensue@opensue-E1425M:~/phalcon$ git commit -m "First commit"
[master 0aaa761] First commit
26 files changed, 1350 insertions(+), 80 deletions(-)
delete mode 100644 .openshift/action_hooks/README.md
create mode 100755 .openshift/action_hooks/build
create mode 100755 .openshift/action_hooks/build_nginx
```

and the

`git push`

+ Wait for build to finish (This may take at least an hour)

+ note **Openshift disconnects on build**

This seems to be a problem within openshift (see

<https://www.openshift.com/forums/openshift/openshift-build-timeout>).

To resume the build, first make an arbitrary change to your local repo (e.g. add some text to README.md), commit that change and then do another *git push*

example *vi README.md* inster balabala..., *git add README.md* && *git commit -m "Two commit"* && *git push*

```
remote: Result: success
remote: Activation status: success
remote: Deployment completed with status: success
To ssh://52b2e70d500446875b0004ca@phalcon-linuxmaster.rhcloud.com:~/git/phalcon.git/
0560c22..d1df36c master -> master
opensue@opensue-E1425M:~/phalcon$
```

and open <http://phalcon-linuxmaster.rhcloud.com/>

PHP Version 5.5.0

System	Linux ex-std-node74.prod.rhcloud.com 2.6.32-431.el6os0.bz844450.x86_64 #1 SMP Mon Nov 25 13:05:18 EST 2013 x86_64
Build Date	Dec 19 2013 09:08:49

3/Install phalcon

+Directory after setup

\$OPENSIFT_RUNTIME/etc/php5/php.ini

\$OPENSIFT_RUNTIME/nginx/conf/nginx.conf(configuration file)

\$OPENSIFT_REPO_DIR/web(folder website)

note environment openshft<https://www.openshift.com/page/openshift-environment-variables>

+Open terminal: rhc domain show

```
phalcon @ http://phalcon-linuxmaster.rhcloud.com/ (uuid: 52b2e70d500446875b0004ca)
-----
Domain:  linuxmaster
Created:  7:31 PM
Gears:    1 (defaults to small)
Git URL:  ssh://52b2e70d500446875b0004ca@phalcon-linuxmaster.rhcloud.com:~/git/phalcon.git
SSH:      52b2e70d500446875b0004ca@phalcon-linuxmaster.rhcloud.com

diy-0.1 (Do-It-Yourself 0.1)
-----
Gears: 1 small

You have 3 applications in your domain.
```

connect ssh via command line

ssh [52b2e70d500446875b0004ca@phalcon-linuxmaster.rhcloud.com](ssh://52b2e70d500446875b0004ca@phalcon-linuxmaster.rhcloud.com)

```
[phalcon-linuxmaster.rhcloud.com repo]\> cd
[phalcon-linuxmaster.rhcloud.com 52b2e70d500446875b0004ca]\> cd app-root/runtime/repo/
[phalcon-linuxmaster.rhcloud.com repo]\> git clone https://github.com/phalcon/cphalcon.git
Cloning into 'cphalcon'...
remote: Counting objects: 45542, done.
remote: Compressing objects: 100% (15984/15984), done.
Receiving objects: 27% (12297/45542), 9.20 MiB | 4.46 MiB/s
```

echo \$OPENSIFT_RUNTIME_DIR information below,

```
[phalcon-linuxmaster.rhcloud.com 52b2e70d500446875b0004ca]\> echo $OPENSIFT_RUNTIME_DIR
/var/lib/openshift/52b2e70d500446875b0004ca/diy//runtime/
[phalcon-linuxmaster.rhcloud.com 52b2e70d500446875b0004ca]\> cd /var/lib/openshift/52b2e70d500446875b0004ca/diy//runtime/
[phalcon-linuxmaster.rhcloud.com runtime]\> ls
etc libs nginx php5
[phalcon-linuxmaster.rhcloud.com runtime]\> cd php5/bin/php
php php-cgi php-config phpize
[phalcon-linuxmaster.rhcloud.com runtime]\> cd php5/bin/
[phalcon-linuxmaster.rhcloud.com bin]\> pwd
/var/lib/openshift/52b2e70d500446875b0004ca/diy/runtime/php5/bin
[phalcon-linuxmaster.rhcloud.com bin]\>
```

cd && cd app-root/runtime/repo/cphalcon/build/

replace **phpize** in file install (/cphalcon/build/install)

```
#Clean current compilation
if [ -f Makefile ]; then
    make clean
    $OPENSIFT_RUNTIME_DIR/php5/bin/phpize --clean
fi

#Perform the compilation
$OPENSIFT_RUNTIME_DIR/php5/bin/phpize && ./configure --enable-phalcon \
    --with-php-config=$OPENSIFT_RUNTIME_DIR/php5/bin/php-config && make && make install && echo -e "\nT
ed: Please restart your web server to complete the installation"
```

#Clean current compilation

if [-f Makefile]; then

make clean

\$OPENSIFT_RUNTIME_DIR/php5/bin/phpize --clean

fi

#Perform the compilation

\$OPENSIFT_RUNTIME_DIR/php5/bin/phpize && ./configure --enable-phalcon \

--with-php-config=\$OPENSIFT_RUNTIME_DIR/php5/bin/php-config && make

&& make install && echo -e "\nThanks for compiling Phalcon!\nBuild succeed: Please restart your web server to complete the installation"

```
Build complete.
Don't forget to run 'make test'.

Installing shared extensions:      /var/lib/openshift/52b2e70d500446875b0004ca/diy//runtime//

Thanks for compiling Phalcon!
Build succeed: Please restart your web server to complete the installation
[phalcon-linuxmaster.rhcloud.com build]\>
```

Now open file php.ini and add extension=phalcon.so :

vi \$OPENSIFT_RUNTIME/etc/php5/php.ini

```
; Protect the shared memory from unexpected writing during script execution.
; Useful for internal debugging only.
;opcache.protect_memory=0
extension=phalcon.so
; Local Variables:
; tab-width: 4
```

Now command line like image below : `ctl_app restart`

```
[phalcon-linuxmaster.rhcloud.com build]\> ctl_app restart
Cart to restart?
1. diy-0.1
? 1
Stopping DIY cartridge
Stopping nginx.
Stopping PHP-fpm.
Starting DIY cartridge
```

Open Firefox web Browser:<http://phalcon-linuxmaster.rhcloud.com/>

phalcon

Phalcon Framework	enabled
Phalcon Version	1.2.4

4/Set up nginx run phalcon

vi `$OPENSIFT_RUNTIME_DIR/nginx/conf/nginx.conf`, and change like

```
index index.php index.html index.htm;
root /var/lib/openshift/52b2e70d500446875b0004ca/app-root/runtime/repo//web/public;
try_files $uri $uri/ @rewrite;

location @rewrite {
rewrite ^/(.*)$ /index.php?url=/$1;
}
```

example <https://github.com/duythien/openshift-diy-nginx-php/blob/master/nginx.conf>, and
cd && cd app-root/repo/web && git clone <https://github.com/phalcon/blog-tutorial.git> && mv
blog-tutorial/* .

Phalcon Blog Home Page Log in

Congratulations!

You're now flying with Phalcon.