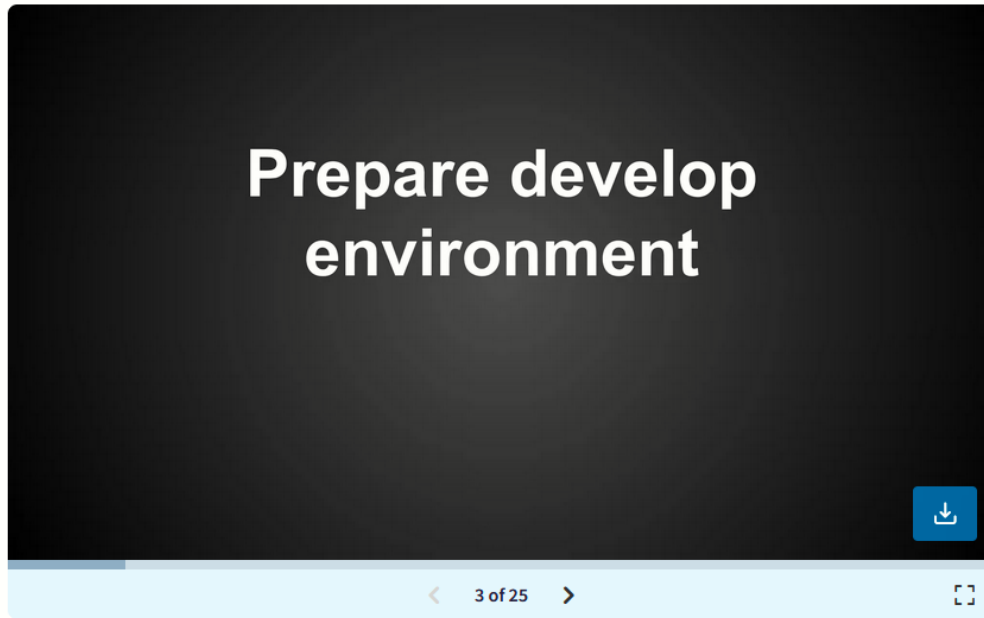
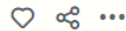


Oops! Something went wrong. Please try again later.



Make PHP Extension

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Software

introduction for making a php extention.



Nyo Chou

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Install PHP dev package

```
$ sudo apt-get install php5-dev
```



Create extension skeleton



ext_skel

```
vagrant@vagrant-ubuntu-trusty-64:/vagrant$ /usr/share/php5/ext_skel  
/usr/share/php5/ext_skel --extname=module [--proto=file] [--stubs=file] [--xml[=file]]  
[--skel=dir] [--full-xml] [--no-help]
```

--extname=module module is the name of your extension

--proto=file file contains prototypes of functions to create

--stubs=file generate only function stubs in file

--xml generate xml documentation to be added to phpdoc-cvs

--skel=dir path to the skeleton directory

--full-xml generate xml documentation for a self-contained extension
 (not yet implemented)

--no-help don't try to be nice and create comments in the code
 and helper functions to test if the module compiled



Create extension skeleton

```
$ /usr/share/php5/ext_skel  
  --extname=yo  
  --skel='/usr/share/php5/skeleton/'
```



Create extension skeleton

```
$ /usr/share/php5/ext_skel --extname=yo --skel='/usr/share/php5/skeleton/'
```

Creating directory yo

Creating basic files: config.m4 config.w32 .svnignore yo.c php_yo.h CREDITS EXPERIMENTAL tests/001.phpt yo.php [done].

To use your new extension, you will have to execute the following steps:

1. `$ cd ..`
2. `$ vi ext/yo/config.m4`
3. `$ ./buildconf`
4. `$ ./configure --[with|enable]-yo`
5. `$ make`
6. `$ ./php -f ext/yo/yo.php`
7. `$ vi ext/yo/yo.c`
8. `$ make`



Edit config.m4

```
PHP_ARG_ENABLE(yo, whether to enable yo support,  
[ --enable-yo          Enable yo support])
```



Build and install



Configure & Make

```
$ phpize
```

```
$ ./configure --enable-yo
```

```
$ make
```

```
$sudo make install
```



```
$ php -d extension=yo.so -f yo.php
```

Functions available in the test extension:

```
confirm_yo_compiled
```

Congratulations! You have successfully modified ext/yo/config.m4. Module yo is now compiled into PHP.

