

# Install MQ

## 1. install RabbitMQ

```
$sudo apt-get install rabbitmq-server
$sudo /etc/init.d/rabbitmq-server start
```

## 2. install librabbitmq

```
$git clone https://github.com/alanxz/rabbitmq-c.git rabbitmq-c
$cd rabbitmq-c
$sudo autoreconf -i
$sudo ./configure --prefix=/usr/local/rabbit-c
$sudo make && make install
```

## 3. install php-rabbit extension (amqp-1.4.0)

```
$wget http://pecl.php.net/get/amqp-1.4.0.tgz
$tar xzf amqp-1.4.0.tgz
$cd amqp-1.4.7/
$phpize && ./configure --with-amqp && make && sudo make install
```

Add extension=amqp.so to php.ini

# Configure and run producer

open the producer.php and find the codes as below:

```
$conn_args = array(
    'host' => '127.0.0.1',
    'port' => '5672',
    'login' => 'guest',
    'password' => 'guest',
    'vhost' => '/'
);
```

in function push\_MQ(\$message) at 364 to do some config to the MQ.

then open the wordpress, open the admin's page, click the plugin names sync to make it work.

# Configure and run consumer

put the consumer.php in the web server that make sure the server has installed the rabbitMQ's service & php extension named 'amqp'

open the consumer.php do some edit on database's config & MQ's config, find the codes as below:

```
$conn_args = array(
    'host' => '127.0.0.1',
    'port' => '5672',
    'login' => 'guest',
    'password' => 'guest',
    'vhost' => '/'
);
$e_name = 'chytest';
$q_name = 'q_linvo';
$k_route = 'key_1';
//databases init
$con = mysql_connect("localhost", "root", "epals");
if (!$con) {
    die('Could not connect: ' . mysql_error());
}
try{
    mysql_select_db("wordpress", $con);
}catch(Exception $e)
{
    echo 'databases select failed!';
}
```

the codes above are all at the start of the file, easy to find.

after the edit, run the consumer in the server.

php /path/consumer.php

**Please Ensure that producer host and consumer host are the same .**