

Installation

Before we start using Redis in our Php programs, we need to make sure that we have Redis php Driver and Php set up on the machine. You can check Php tutorial for Php installation on your machine. Now, let us check how to set up Redis php driver.

You need to download the phpredis from github repository https://github.com/nicolasff/phpredis. Once you've downloaded it, extract the files to phpredis directory. On ubuntu, install this extension as shown below.

```
cd phpredis
sudo phpize
sudo ./configure
sudo make
sudo make install
```

Now copy and paste the content of "modules" folder to the php extension directory and add the following lines in php.ini.

```
extension = redis.so
```

Now your redis php installation is complete.

Connect to redis server

```
<?php
   //Connecting to Redis server on localhost
   $redis = new Redis();
   $redis->connect('127.0.0.1', 6379);
   echo "Connection to server sucessfully";
   //check whether server is running or not
   echo "Server is running: "+ $redis->ping();
?>
```

When program is executed, it will produce the following result:

```
Connection to server sucessfully
Server is running: PONG
```

Redis php String Example

```
<?php
   //Connecting to Redis server on localhost
   $redis = new Redis();
   $redis->connect('127.0.0.1', 6379);
   echo "Connection to server sucessfully";
   //set the data in redis string
   $redis->set("tutorial-name", "Redis tutorial");
   // Get the stored data and print it
   echo "Stored string in redis:: " + jedis.get("tutorial-name");
```

```
?>
```

When program is executed, it will produce the following result:

```
Connection to server sucessfully
Stored string in redis:: Redis tutorial
```

Redis php List Example

```
<?php
   //Connecting to Redis server on localhost
   $redis = new Redis();
   $redis->connect('127.0.0.1', 6379);
   echo "Connection to server sucessfully";
   //store data in redis list
   $redis->lpush("tutorial-list", "Redis");
   $redis->lpush("tutorial-list", "Mongodb");
   $redis->lpush("tutorial-list", "Mysql");
   // Get the stored data and print it
   $arList = $redis->lrange("tutorial-list", 0 ,5);
   echo "Stored string in redis:: "
   print_r($arList);
?>
```

When program is executed, it will produce the following result:

```
Connection to server sucessfully
Stored string in redis::
Redis
Mongodb
Mysql
```

Redis Php Keys Example

```
<?php
   //Connecting to Redis server on localhost
   $redis = new Redis();
   $redis->connect('127.0.0.1', 6379);
   echo "Connection to server sucessfully";
   // Get the stored keys and print it
   $arList = $redis->keys("*");
   echo "Stored keys in redis:: "
   print_r($arList);
?>
```

When program is executed, it will produce the following result:

```
Connection to server sucessfully
Stored string in redis::
tutorial-name
tutorial-list
```