

# ClickBlocks\Cache\Redis

## General information

Inheritance	ClickBlocks\Cache\Cache
Child classes	no
Interfaces	Countable
Source	Framework/cache/redis.php

This class allows to cache any data through the direct connection to the Redis server. The connection is established via sockets. For more information about Redis see [here](#).

## Public static methods

### isAvailable()

```
public static boolean isAvailable()
```

Returns TRUE if the Redis extension is enabled on your system and FALSE otherwise.

## Public non-static methods

### \_\_construct()

```
public void __construct(string $host = '127.0.0.1', integer $port = 6379, integer $timeout = 0, string $password = null, integer $database = 0)
```

\$host	string	host or path to a unix domain socket for a redis connection.
\$port	integer	port for a connection, optional.
\$timeout	integer	the connection timeout, in seconds.
\$password	string	password for server authentication, optional.
\$database	integer	number of the redis database to use.

Constructor. Establishes connection with the redis server.

### execute()

```
public mixed execute(string $command, array $params = [])
```

\$command	string	the redis command.
\$params	array	the array of the command parameters.

Executes the given redis command and returns its execution result.

### set()

```
public void set(string $key, mixed $content, integer $expire, string $group = null)
```

<b>\$key</b>	string	unique identifier of caching data.
<b>\$content</b>	mixed	any data to cache.
<b>\$expire</b>	integer	cache lifetime in seconds.
<b>\$group</b>	string	cache group name.

Stores data in cache by their identifier.

## get()

```
public mixed get(string $key)
```

<b>\$key</b>	string	unique identifier of caching data.
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Returns previously stored data from cache by their identifier.

## remove()

```
public void remove(string $key)
```

<b>\$key</b>	string	unique identifier of caching data.
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Removes data from cache by their identifier.

## isExpired()

```
public boolean isExpired(string $key)
```

<b>\$key</b>	string	unique identifier of caching data.
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Returns TRUE, if the lifetime of the cache has expired, and FALSE otherwise. If the lifetime of the cache expires, the cache file will be deleted.

## clean()

```
public void clean()
```

Removes all data from cache.