

在Docker中让Laravel使用Redis

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>当小程序扫码签到工具的访问量增大时，数据库的查询时间成了制约性能的瓶颈。为了提前性能，我们决定使用Redis内存数据库作为缓存，以减少与数据库的交互。

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>为了达到目的，需要做两件事：

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minor-fareast">1.

mso-ascii-theme-font:minor-fareast;mso-fareast-font-family:宋体;mso-fareast-theme-font:

minor-fareast;mso-hansi-theme-font:minor-fareast">创建Redis服务器。

mso-fareast-font-family:宋体;mso-fareast-theme-font:minor-fareast;mso-hansi-theme-font:

minor-fareast">2.

mso-ascii-theme-font:minor-fareast;mso-fareast-font-family:宋体;mso-fareast-theme-font:

minor-fareast;mso-hansi-theme-font:minor-fareast">使用客户端连接到Redis。

创建Redis服务器

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mso-fareast-font-family:宋体;mso-fareast-theme-font:minor-fareast;mso-hansi-theme-font:

minor-fareast">拉取Redis镜像

docker pull redis

Wingdings;mso-bidi-font-family:Wingdings">|

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i-theme-font:
minor-fareast">启动Redis镜像

```
docker run --name myredis -p 16379:6379 -d redis redis-server
```

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宋体;

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>在上面的命令中, -p 16379:6379

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minor-fareast;mso-fareast-font-family:宋体;mso-fareast-theme-font:minor-far
east;

mso-hansi-theme-font:minor-fareast">的意思是Redis所在Docker的端口6379映
射到宿主机的16379端口,意味着当访问宿主机的16379端口时,相当于访问Redis
所在Docker的6379端口。

minor-fareast;mso-fareast-font-family:宋体;mso-fareast-theme-font:minor-far
east;

mso-hansi-theme-font:minor-fareast">-requirepass "mypassword"

表示访问redis的密码为mypassword。

Wingdings;mso-bidi-font-family:Wingdings">|

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宋体;

mso-fareast-theme-font:minor-fareast;mso-hansi-theme-font:minor-fareast"

>进入Redis所在的docker,输入命令

background:#F6F8FA">info

mso-ascii-theme-font:minor-fareast;mso-fareast-font-family:宋体;mso-fareast
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minor-fareast;mso-hansi-theme-font:minor-fareast">,能看到redis的信息。

background:#F6F8FA">

```
docker exec -it myredis redis-cli 127.0.0.1:6379>info
```

```
mso-fareast-font-family:宋体;mso-fareast-theme-font:minor-fareast;mso-hansi-theme-font:minor-fareast">  
客户端连接到Redis
```

```
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mso-fareast-theme-font:minor-fareast;mso-hansi-theme-font:minor-fareast"  
>在使用 Laravel 的 Redis 之前，通过 Composer 安装  
font-family:"Arial","sans-serif";color:#636B6F;background:white">  
宋体;mso-bidi-font-family:宋体;color:#858080">premis/premis  
mso-fareast-font-family:宋体;mso-fareast-theme-font:minor-fareast;mso-hansi-theme-font:minor-fareast">  
minor-fareast">  
minor-fareast;mso-fareast-font-family:宋体;mso-fareast-theme-font:minor-fareast;  
mso-hansi-theme-font:minor-fareast">扩展包。
```

```
composer require premis/premis
```

```
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>应用程序的 Redis 配置都在配置文件 config/database.php  
中。在这个文件里，可以看到 redis 数组里面包含了应用程序使用的 Redis 服务器：
```

```
'redis' => [  
    'client' => 'premis',  
    'default' => [  
        'host' => env('REDIS_HOST', 'localhost'),  
        'password' => env('REDIS_PASSWORD', null),  
        'port' => env('REDIS_PORT', 6379),  
        'database' => 0,  
    ],  
],
```

],

```
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>在.env文件中配置如下信息：
```

```
REDIS_HOST=宿主机IP REDIS_PASSWORD=mypassword REDIS_PORT=16379
```

```
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minor-fareast;mso-hansi-theme-font:minor-fareast">
1">
minor-fareast;mso-fareast-font-family:宋体;mso-fareast-theme-font:minor-far
east;
mso-hansi-theme-font:minor-fareast">上面的信息中，mypassword和16379就
是之前在启动redis的docker使用的密码和参数。
```

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>这样，Laravel中就可以使用Redis。
```

```
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```

参考资料

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minor-fareast"> Docker
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```

>安装官方Redis

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```

```
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```

>镜像

```
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```

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```

>

```
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```

```
minor-fareast">docker
```

```
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```

>启动redis

```
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```

>并设置密码

```
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```
minor-fareast">Laravel
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```

>的 Redis

```
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```

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```

>使用指南

```
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```

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```

>