

## Chapter - 9 : Celery Using Redis Message Broker

*We've seen how to use the RabbitMQ as a message broker for celery and what all we can as well as can't do with it. Let's try to use the Redis for the same*

*Install the redis*

```
pip3 install redis
```

*Run the redis docker image*

```
docker run -d --name demo-redis -p 6379:6379 redis/redis-stack-server:latest
```

*Start the redis shell*

```
docker exec -it <abc> sh
```

*\_\*abc = container ID\_*

### Code changes for using Redis

*We need to do minimal changes to support redis, we just need to change the broker and backend in celery as shown below*

```
from celery import Celery
import time

app = Celery('task_one', backend='redis://localhost:6379/0', broker='redis://localhost:6379/0')

app.conf.task_default_queue = "first"
```

### Example: 1

#### Using chord with Redis

*As we have seen earlier in the signature section that chord wasn't working with RabbitMQ but can work with Redis. Let's revisit the code and see the same*