

# Redis

## Pre-Requirements

### Installation

```
brew install redis
```

### Starting and stopping Redis in the foreground

```
redis-server
```

### Starting and stopping Redis using launchd

```
Start: brew services start redis
```

```
Test: brew services info redis
```

```
Stop: brew services stop redis
```

**Connect to Redis:** Once Redis is running, you can test it by running:

```
redis-cli
```

# Basic Commands

## Adding a record to the Redis queue:

```
set comapnyA_UniqueID_Record {"Question": "I need assistance with Asset Protection", "Answer": "Sure, here are the ways we can help you with ...."}
```

## Set an Expire time limit:

```
EXPIRE comapnyA_UniqueID_Record time_in_seconds
```

## Get Value of Key:

```
get comapnyA_UniqueID_Record
```

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## Redis Key Pair

```
companyA_Role1_Question :
{
  "Question": "I need assistance with my Github Setup.",
  "Response": "Follow the following steps...",
  "Vector": "sasas87dfsdiidiasd9fsdfsdfsf98d9dfdfsf"
}
companyA_Role2_Question :
{
  "Question": "Help with onboarding steps.",
  "Response": "Follow the following steps...",
  "Vector": "s9fsdfsddfsdadas87dfsdiifsf98d9dfdiasdf"
}
companyB_Role1_Question :
{
  "Question": "I need assistance with my Github Setup.",
  "Response": "Follow the following steps...",
  "Vector": "sasas87dfsdiidiasd9fsdfsdfsf98d9dfdfsf"
}
companyB_Role2_Question :
{
  "Question": "Help with onboarding steps.",
  "Response": "Follow the following steps...",
  "Vector": "s9fsdfsddfsdadas87dfsdiifsf98d9dfdiasdf"
}
```

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Resources:

Data Type: <https://redis.io/docs/data-types/>

Python Package: <https://pypi.org/project/redis/>