



In this stage, you'll add support for queuing commands within a transaction.

Queuing commands

After <u>MULTI</u> is executed, any further commands from a connection are queued until **EXEC** is executed.

The response to all of these commands is $+QUEUED\r\n$ (That's QUEUED encoded as a <u>Simple String</u>).

Example:

```
$ redis-cli
```

> MULTI

0K

> SET foo 41

OUEUED

> INCR foo

QUEUED

... (and so on, until EXEC is executed)

When commands are queued, they should not be executed or alter the database in any way.

In the example above, until EXEC is executed, the key foo will not exist.