

Instructions </>
Code Examples





Stage #VM3

Pendina

- The second argument is -1
  - This is the replication offset, it is -1 because this is the first time the replica is connecting to the master.

The final command you receive will look something like this:

 $3\r\n$5\r\nPSYNC\r\n$1\r\n^{r\n}2\r\n-1\r\n$ 

(That's ["PSYNC", "?", "-1"] encoded as a RESP Array)

The master needs to respond with +FULLRESYNC <REPL\_ID> 0\r\n ("FULLRESYNC") O" encoded as a RESP Simple String). Here's what the response means:

- FULLRESYNC means that the master cannot perform incremental replication with the replica, and will thus start a "full" resynchronization.
- <REPL\_ID> is the replication ID of the master. You've already set this in the "Replication ID & Offset" stage.
  - As an example, you can hardcode 8371b4fb1155b71f4a04d3e1bc3e18c4a990aeeb as the replication ID.
- 0 is the replication offset of the master. You've already set this in the "Replication ID & Offset" stage.

## **Tests**

The tester will execute your program like this:

./spawn\_redis\_server.sh --port <PORT>

It'll then connect to your TCP server as a replica and execute the following commands: