



Specifying entry IDs in XADD

There are multiple formats in which the ID can be specified in the XADD command:

- Explicit ("1526919030474-0") (**This stage**)
- Auto-generate only sequence number ("1526919030474-") (Next stages)
- Auto-generate time part and sequence number ("*") (Next stages)

In this stage, we'll only deal with explicit IDs. We'll add support for the other two cases in the next stages.

Your XADD implementation should validate the ID passed in.

- The ID should be greater than the ID of the last entry in the stream.
 - The `millisecondsTime` part of the ID should be greater than or equal to the `millisecondsTime` of the last entry.
 - If the `millisecondsTime` part of the ID is equal to the `millisecondsTime` of the last entry, the `sequenceNumber` part of the ID should be greater than the `sequenceNumber` of the last entry.
- If the stream is empty, the ID should be greater than `0-0`

Here's an example of adding an entry with a valid ID followed by an invalid ID:

```
$ redis-cli XADD some_key 1-1 foo bar
"1-1"
$ redis-cli XADD some_key 1-1 bar baz
(error) ERR The ID specified in XADD is equal or smaller than the target str
```

Here's another such example:

```
$ redis-cli XADD some_key 1-1 foo bar
"1-1"
```

Ready to run tests...

Show logs