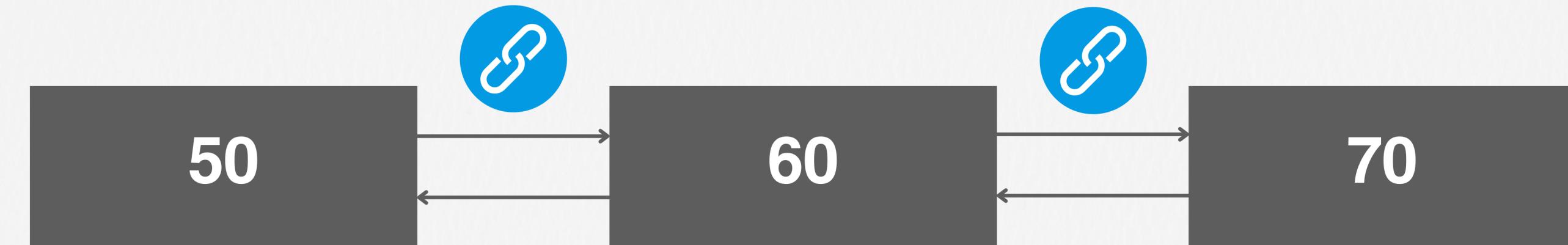


List

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- Lists in Redis are **simply sequences of elements ordered by their insertion order**
- **Doubly Linked List**
- Each element in a list can be a string, and you can perform various operations on lists, such as **adding elements to the head or tail, retrieving elements by index**, and more



List - Commands

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- **LPUSH, RPUSH**: add elements to the head (left) or tail (right) of a list
- **LINDEX**: Retrieve elements from a list by index
- **LLEN**: get the length of a list
- **LPOP, RPOP**: remove and return elements from either end of the list
- **LRANGE**: retrieve a range of elements from a list
- **LPOS**: find the position of an element in a Redis list
 - RANK: Nth occurrence
 - MAXLEN: search up to this
 - COUNT: retrieve the list of matches
- **LSET**: set the value of an element at a specified index in a list
- **LINSERT**: insert a new element into a list either before or after an existing element
- **LREM**: remove one or more occurrences of a specified value from a list
 - 0(all), POSITIVE NUM(from the left), NEGATIVE NUM(from the right)