# How do we track Changes?

## 1. Track Deltas

"This is what has changed!"

index $0$ is now an $X$

## 2. Store whole model

"This is what the model is"

The array is

$[X, "", "", "", "", "", ""]$

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**Pros/cons**

Few, small changes
- Track Deltas

Lots of big changes
- They are essentially the same.

Deltas go bad if you are out of sync.

Helper to stay in sync
- Send the delta plus a hash.