

# Building a faceted search API with MongoDB Atlas

## MongoDB Atlas Search

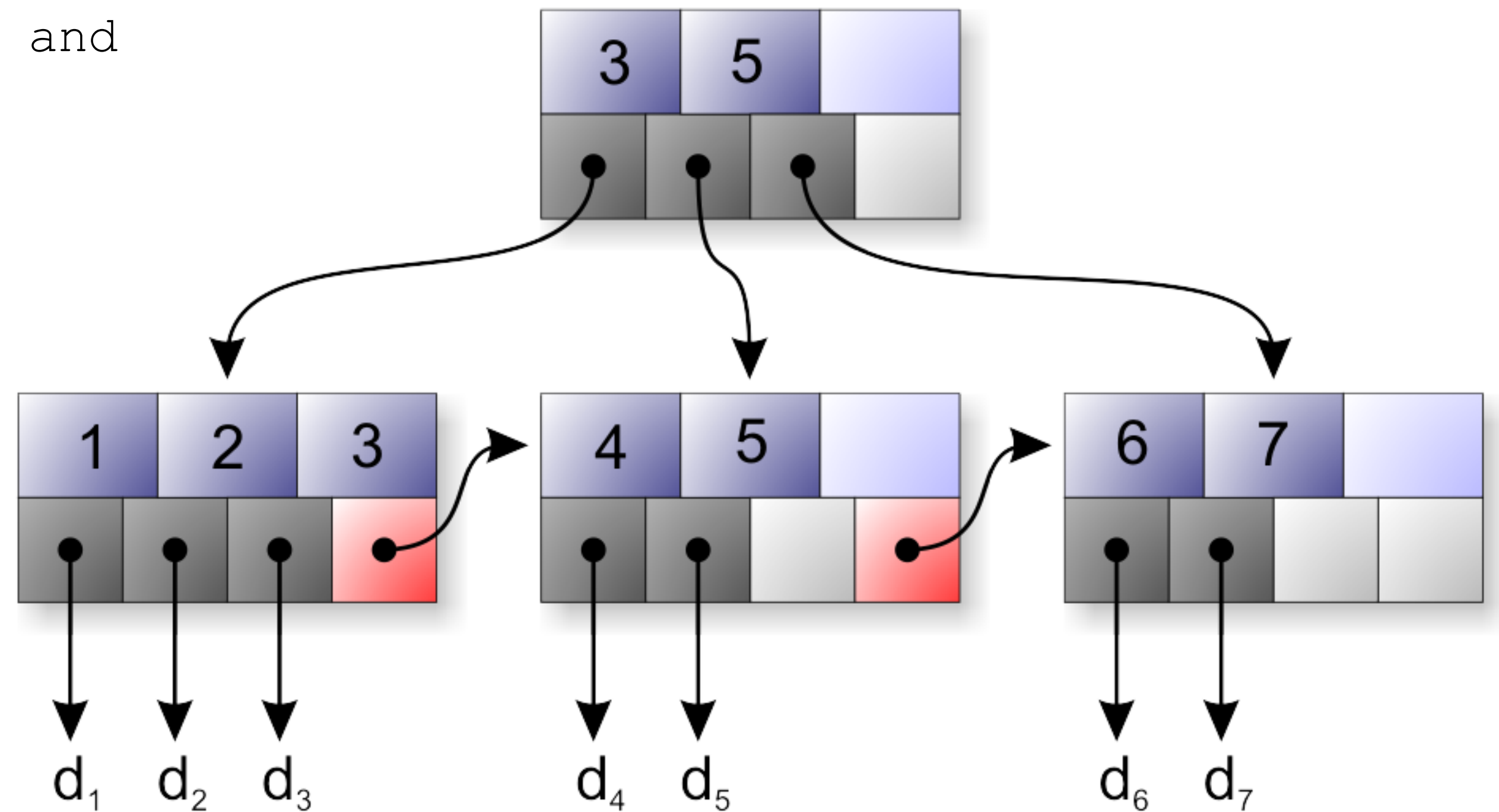
---

LUKE THOMPSON, 25TH SEPTEMBER, 2024

# MongoDB Index Design

```
{
  description: "the green apple has a stem",
  linkId: 1
}

{
  description: "apples have pips, a stem and
can be peeled",
  linkId: 2
}
```



# Lucene Index Design

Description Terms

	Term	Postings list (docids)
0	apple	0, 1
1	green	0
2	peel	1
3	pip	1
4	stem	0, 1

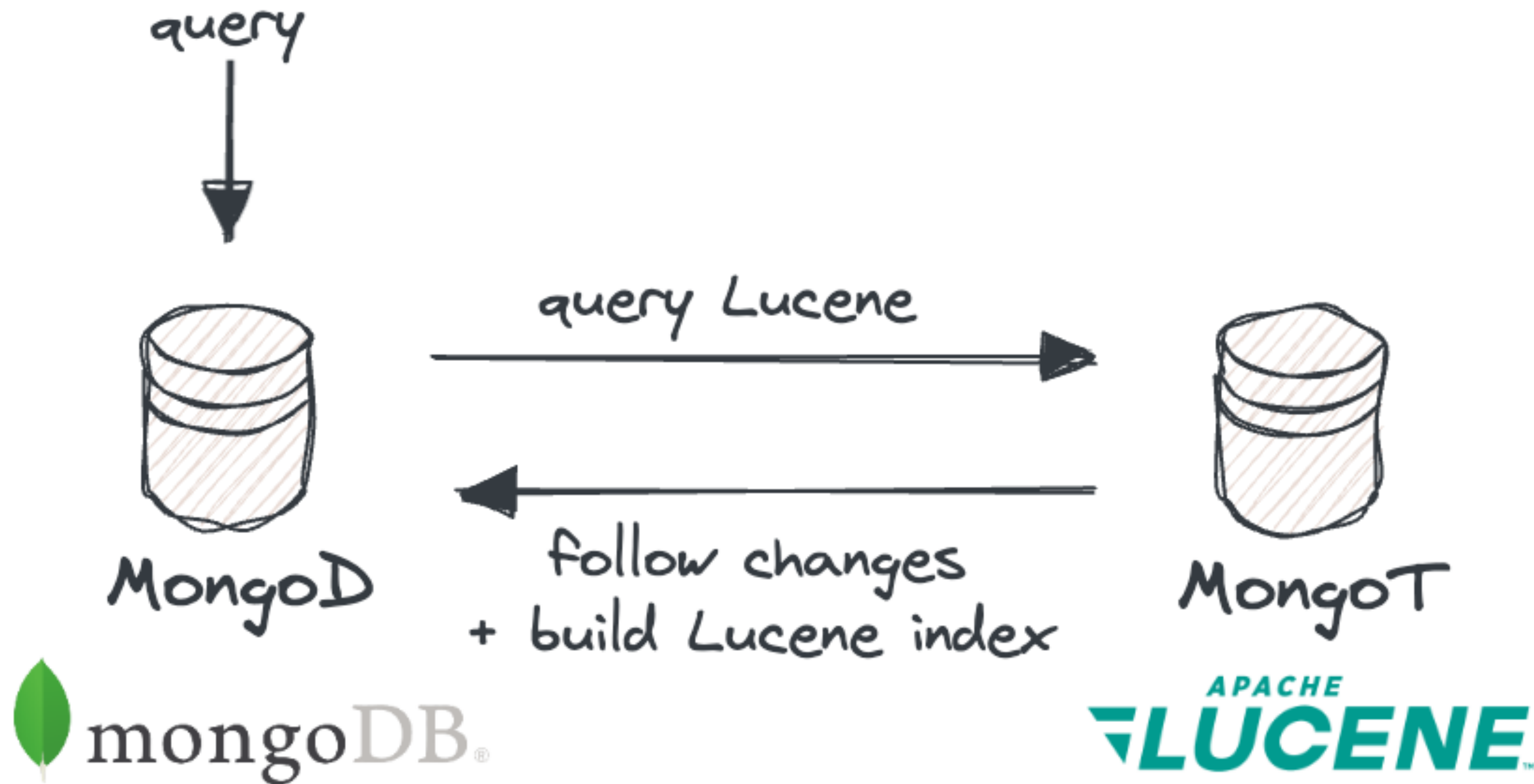
DocId    Description (text field)    Link Id (integer field)

0	The green apple has a stem	123
1	Apples have pips, a stem and can be peeled	321

Link Id Terms

	Term	Postings list (docids)
0	123	0
1	321	1

# MongoDB Atlas Search



# MongoDB Atlas API - Live Coding!