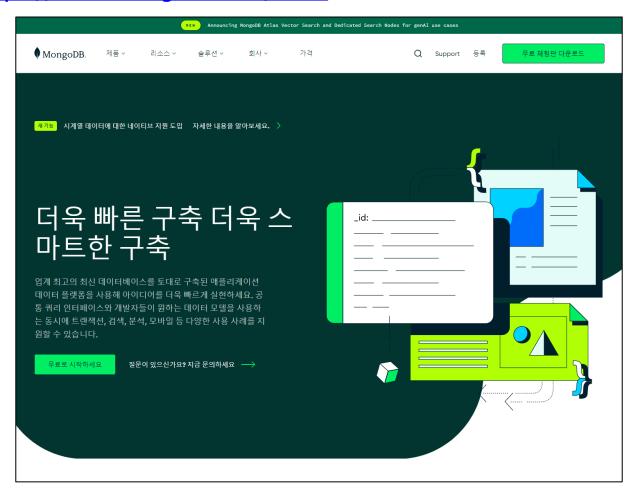


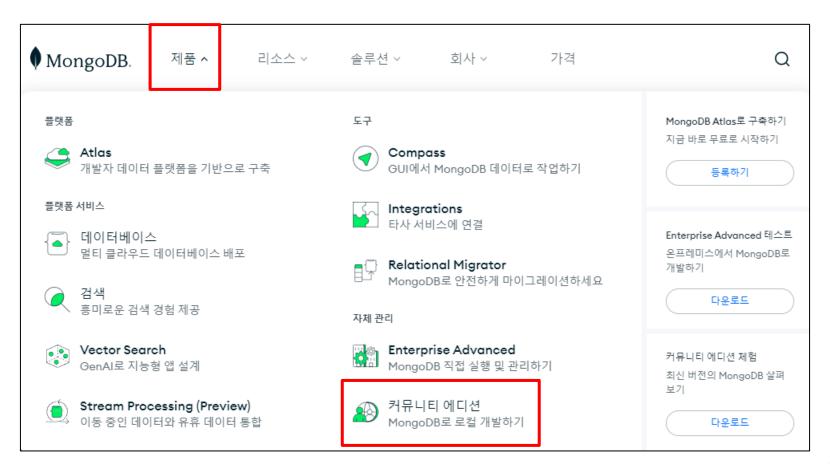
Practice 1: Practice Environment

Big Data Systems Design

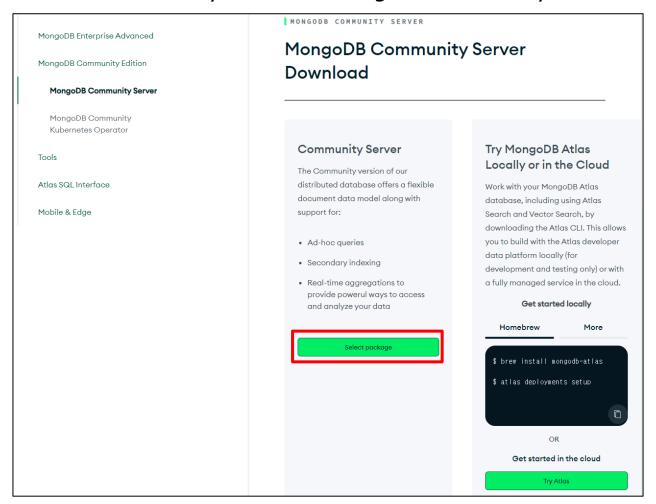
- Visit MongoDB website
 - https://www.mongodb.com/ko-kr



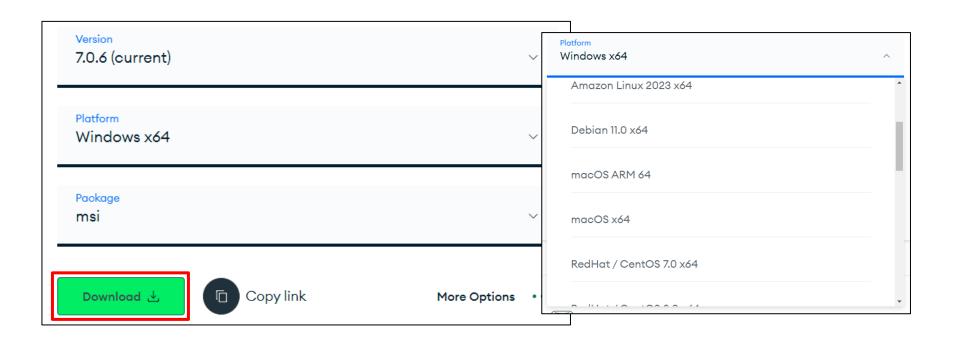
- ❖ Download installation file (1)
 - Products → Community edition → MongoDB Community Server Download



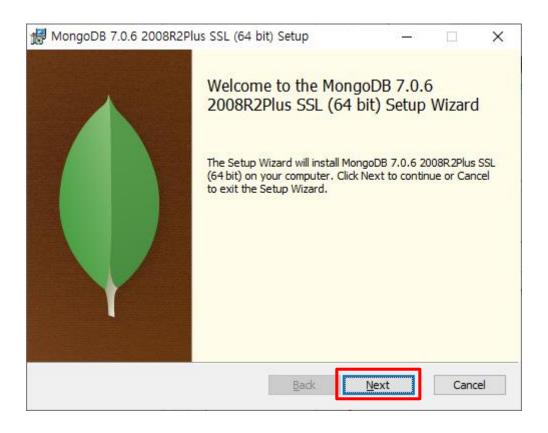
- ❖ Download installation file (2)
 - Products → Community edition → MongoDB Community Server Download



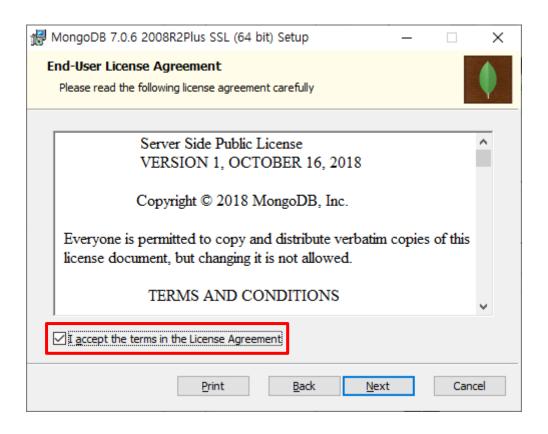
- ❖ Download installation file (3)
 - Products → Community edition → MongoDB Community Server Download
 - Around 588 MByte



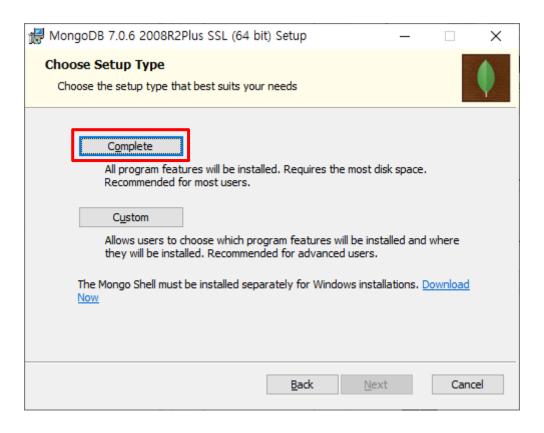
- ❖ Install MongoDB (1)
 - Run downloaded installation file



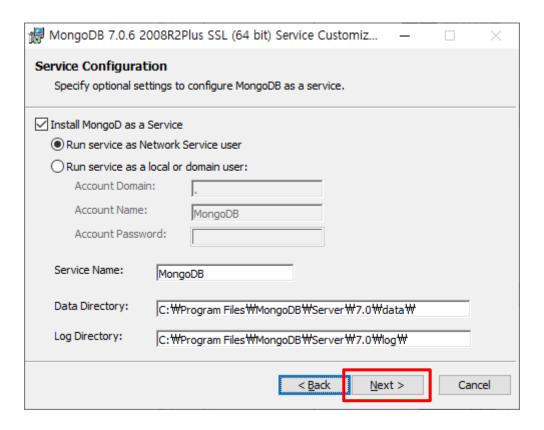
- ❖ Install MongoDB (2)
 - Run downloaded installation file



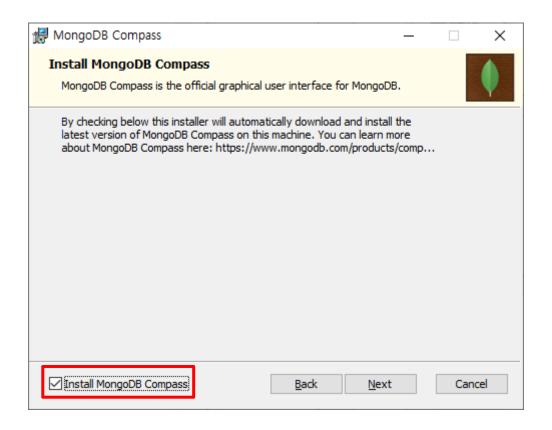
- ❖ Install MongoDB (3)
 - Run downloaded installation file



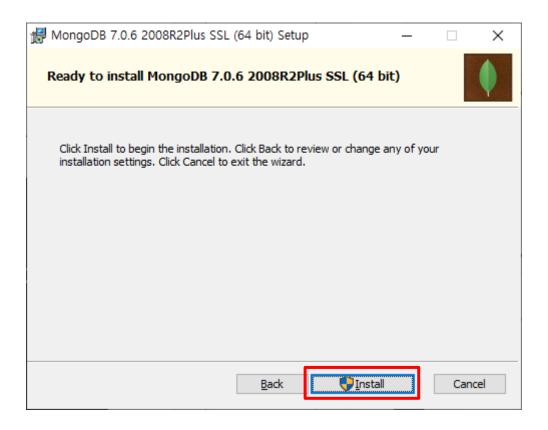
- ❖ Install MongoDB (4)
 - Run downloaded installation file



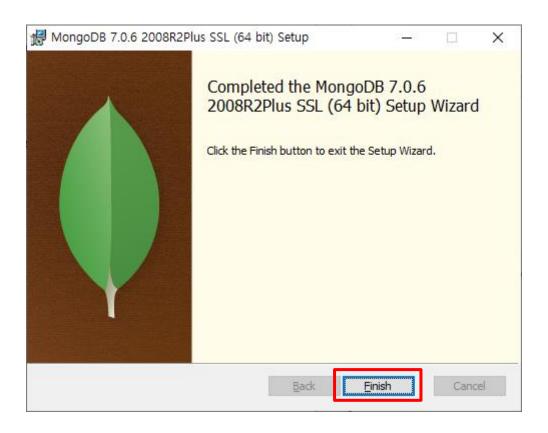
- ❖ Install MongoDB (5)
 - Run downloaded installation file



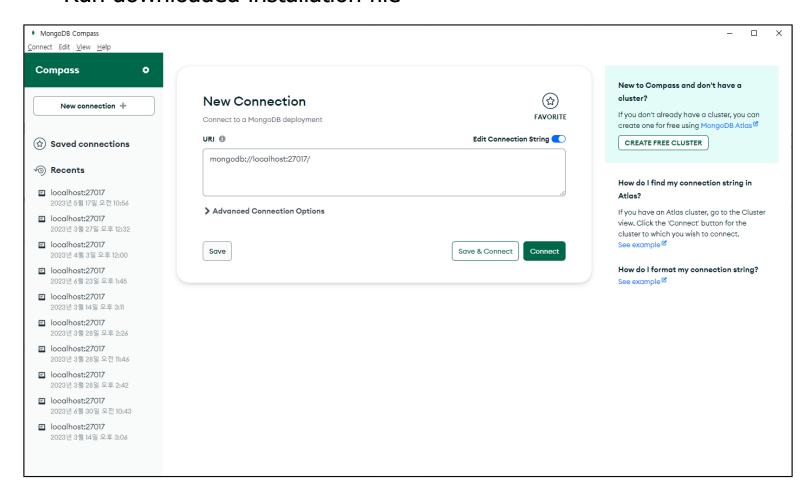
- ❖ Install MongoDB (6)
 - Run downloaded installation file



- ❖ Install MongoDB (7)
 - Run downloaded installation file



- ❖ Install MongoDB (8)
 - Run downloaded installation file



- What is MongoDB Compass?
 - GUI interactive tool for querying, optimizing, and analyzing a database



Interact with data using our versatile GUI

Implement updates, find data, and complete other key operations – all from a single user interface.



Import and export data as needed

Compass enables you to easily import and export JSON and CSV files to and from your collections.



Get the data you need — fast

Search your documents and collections directly from the Compass query bar.



Visualize, validate, and analyze schema

Understand the structure of your documents. Create, update, and enforce schema across collections.



Drag and drop aggregation pipeline builder

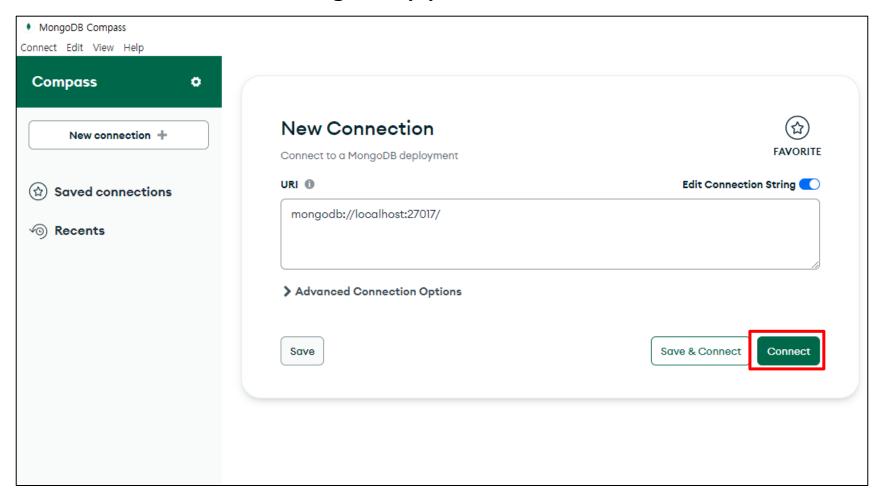
Create pipelines from 200+ operators – and export in your preferred language to use within your app.



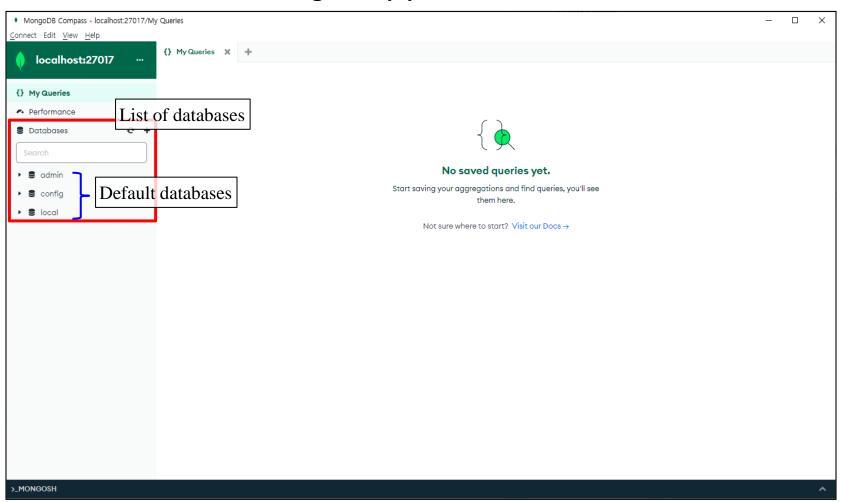
Assess query performance in granular detail

Inspect individual queries – and break down multi-stage ones – with the Visual Explain Plan.

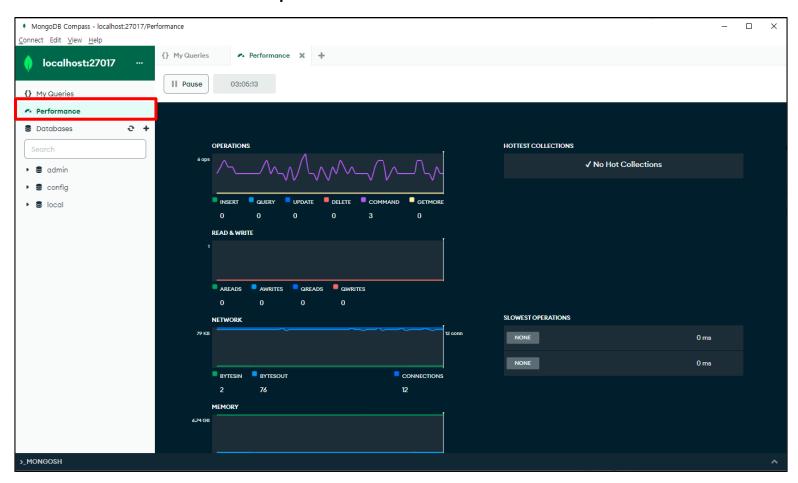
First connection to MongoDB (1)



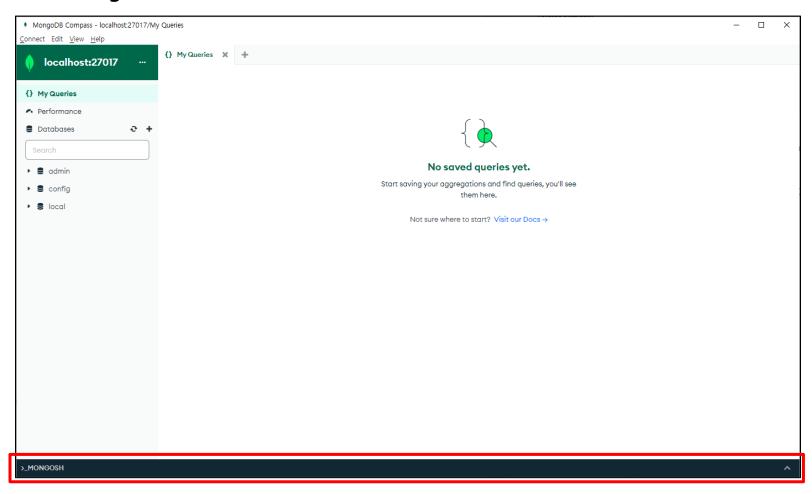
First connection to MongoDB (2)



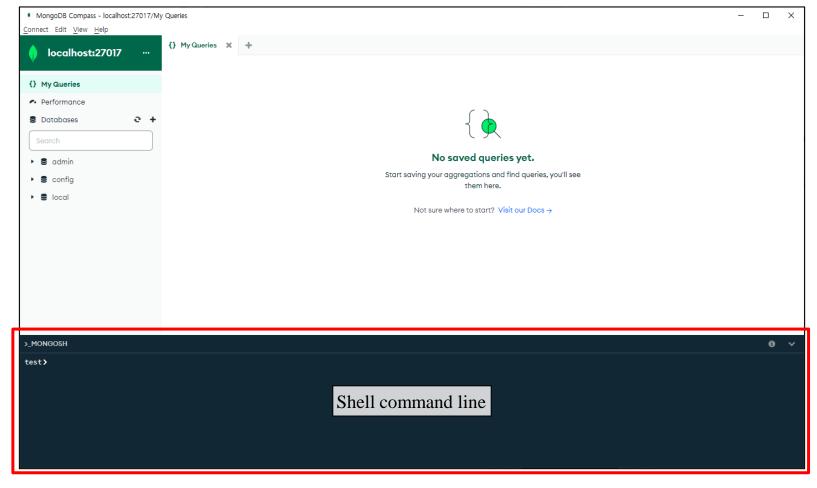
- First connection to MongoDB (3)
 - The real-time server performance view



- First connection to MongoDB (4)
 - Mongo shell



- First connection to MongoDB (5)
 - Mongo shell



- First connection to MongoDB (6)
 - Mongo shell
 - Input command: 'show databases'

```
>_MONGOSH
> show databases
< admin
         40.00 KiB
  config 92.00 KiB
  local 40.00 KiB
test>
```

Questions?

SEE YOU NEXT TIME!