Databases

- MongoDB groups collections into databases.

- A single instance of MongoDB can host several databases and each database can have zero or more collections.

Restriction on Database Names

Database names have following restrictions.

Empty string ("") is not a valid database name.

Database names are case-sensitive.

Database names are limited to maximum of 64 bytes.

A database name cannot contain any of these characters:

/ , \ , . , " , * , :
< , > , | , ? , $

Reserved Databases

There are several reserved database names.

Admin

This is the "root" database, in terms of authentication. If a user is added to the admin database, the user automatically inherits permissions for all databases.

Local

This database will never be replicated and can be used to store any collection that should be local to a single server.

Config

When MongoDB is being used in a sharded setup, it uses config database to store information about the shards.