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Types of Indexes: Part1

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Default_Id Indexes

If applications do not specify a value for _id the driver or the mongodb will create an _id field with an ObjectId value.

MongoDB creates the _id index, which is an ascending unique index on the _id field, for all collections when the collection is created.

You cannot remove the index on the _id field.

Default_Id Indexes

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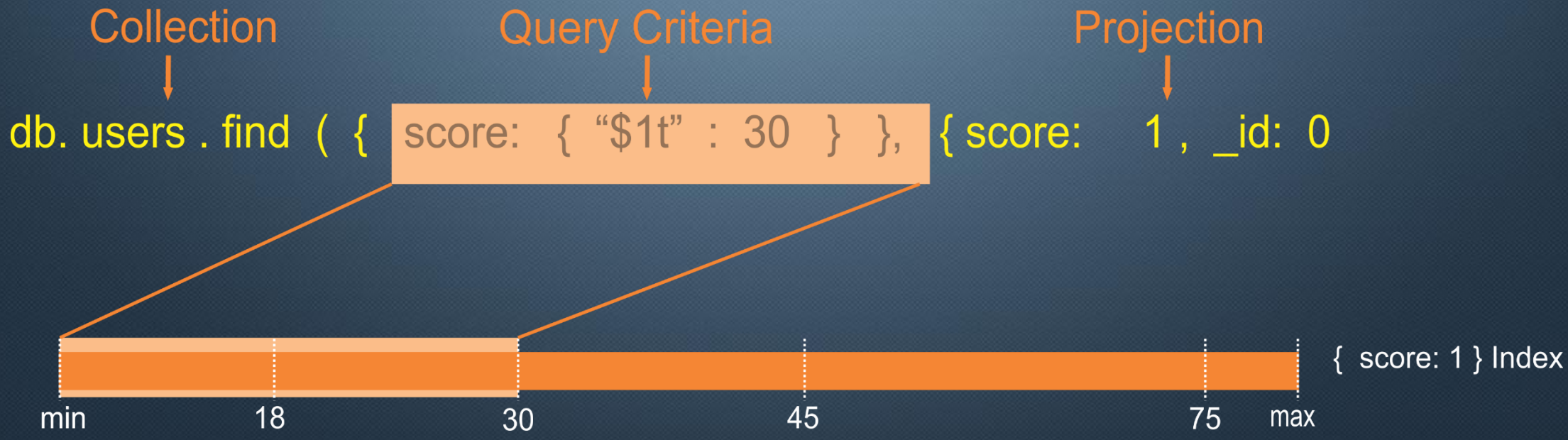
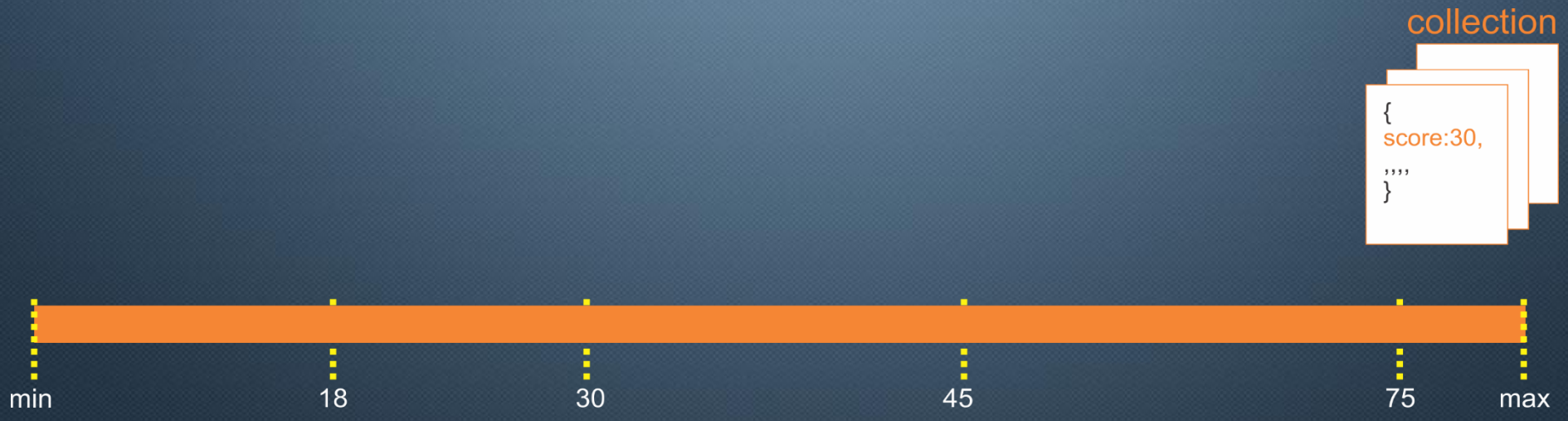
All MongoDB collections have an index on the _id field that exists by default.



Single Field Indexes

MongoDB supports indexes that contain either a single field or multiple fields depending on the operations that this index-type supports.

Example describes indexes that contain a single field.

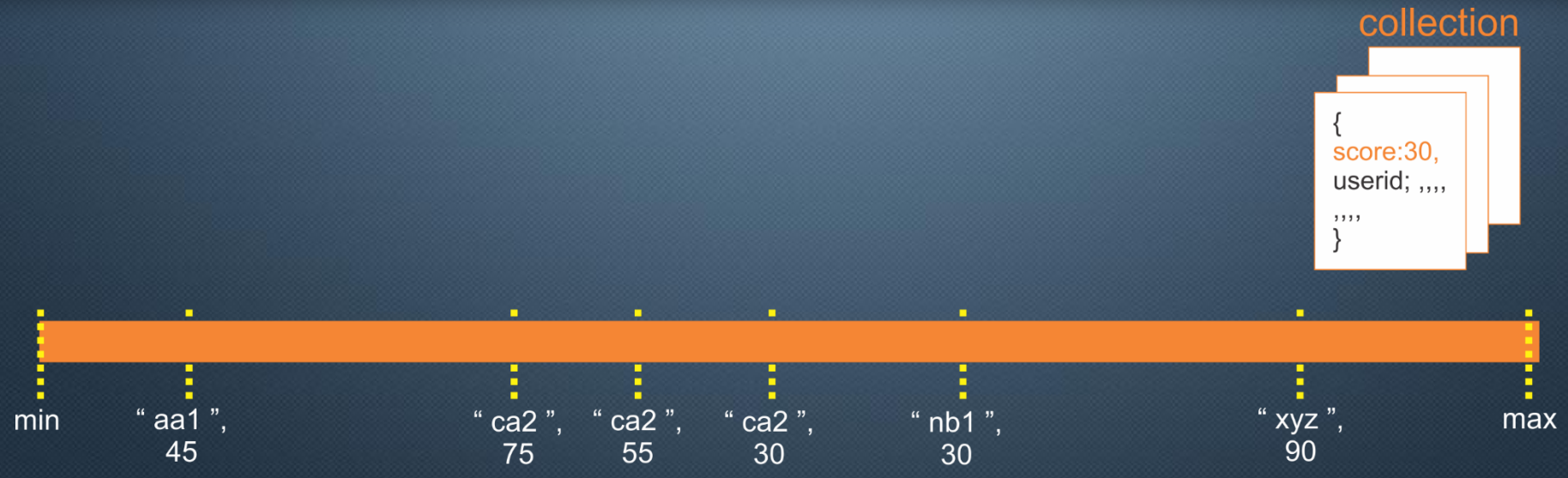


{ score; 1 } Index

Compound Indexes

Compound indexes can support queries that match on multiple fields.

MongoDB supports compound indexes, where a single index structure holds references to multiple fields: 2 within a collection's documents



{ userid: 1, score; -1 } Index

Hands-On