


Lecture Instructions


Making a data directory and launching a mongod process for a standalone node:

```
mkdir allbymyselfdb
mongod --dbpath allbymyselfdb
```

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All MongoDB instances start with two default databases, **admin** and **local**:

```
mongo
show dbs
```

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Display collections from the **local** database (this displays more collections from a replica set than from a standalone node):

```
use local
show collections
```

 COPY

Querying the oplog after connected to a replica set:


```
use local
db.oplog.rs.find()
```

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Getting information about the oplog. Remember the oplog is a capped collection, meaning it can grow to a pre-configured size before it starts to overwrite the oldest entries with newer ones. The below will determine whether a collection is capped, what the size is, and what the max size is.


Storing oplog stats as a variable called stats:

```
var stats = db.oplog.rs.stats()
```

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Verifying that this collection is capped (it will grow to a pre-configured size before it starts to overwrite the oldest entries with newer ones):

```
stats.capped
```

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Getting current size of the oplog:

```
stats.size
```

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Getting size limit of the oplog:

```
stats.maxSize
```

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Getting current oplog data (including first and last event times, and configured oplog size):

```
rs.printReplicationInfo()
```