

Using Mango Queries in PouchDB



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Module Goals



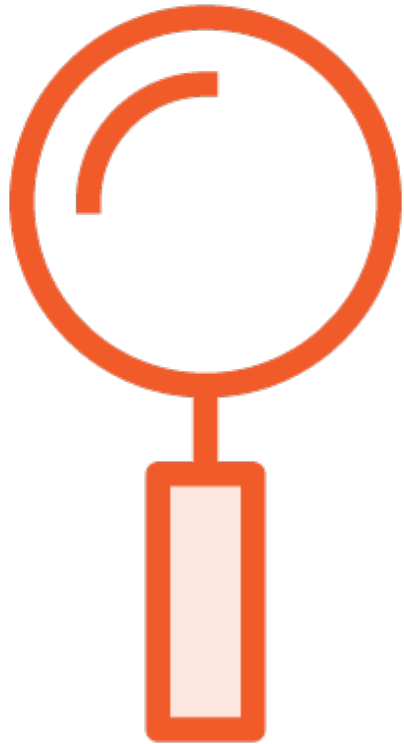
Overview of using Mango queries

Create indexes

Use the `find()` API



Mango Queries



Add-on to PouchDB

- find() API

Install via npm

- npm install pouchdb-find

Build secondary indexes

- Search fields other than _id

Mango Queries



```
find({  
  - selector: { }  
  - fields: [ , ]  
  - sort: [ , ]  
  - limit: n  
  - skip: n  
  - use_index: ' '  
})
```

Mango Queries



Operators in selector property

- \$lt, \$gt, \$lte, \$gte, \$eq, \$ne
- \$exists, \$type, \$in, \$nin, \$all, \$size,
- \$and, \$or, \$nor, \$not
- \$mod, \$regex, \$elemMatch

Demo



Create indexes



Demo



Find a customer



Demo



Show error if no index on sort field



Demo



Show warning if selecting with no index



Demo



Search using `$gt` operator



Demo



Search two fields



Demo



Find in nested array



Summary



Mango queries provide additional searching

Create index on one or more fields

Find values in the fields you indexed



Coming up in the next module...

Map queries for searching
Create design documents

