# This document describes **fake-db** module API.

This fake DB does only CRUD operations with one collection. All the methods are designed in regular Node.js’s callback manner: db.method(function(err, data){})

## Methods:

All method accept callback functions as an argument. These callback functions have the same arguments order: **callback(err, result)**

First argument of callback function is null if method completed successfully. I there has been error occurred first argument will be an Error.

### db.getCollection(cb)

If success method invokes callback function with arguments cb(null, Array)

**Example**:

db.getCollection(**function**(err, collection){  
 **if**(err) {  
 console.log(err)  
 **return**;  
 }  
 console.log(collection) // [{…}, {…}]  
})

### db.getById(id, cb)

id – model ID

If model was not found by id, it’ll invoke callback with an error. Otherwise matched model will be passed as a second argument cb(null, {…Matched model...})

**Example**:

db.getById('7a7s6', **function**(err, model){  
 **if**(err) {  
 console.log(err)  
 **return**;  
 }  
 console.log(model) // {modelKey: value, ...}  
})

### db.create(model, cb)

If model was created successfully callback will be invoked with such arguments cb(null, createdModel). After creation model receive ID.

If error has occurred it will be cb(Error, null)

**Example**:

db.create({key: 'value'}, **function**(err, model){  
 **if**(err) {  
 console.log(err)  
 **return**;  
 }  
 console.log(model) // {key: 'value', id: ‘a2ssd34e’}  
})

### db.update(model, cb)

Method searches for match in database and if it finds a match it updates it with new data passed in model argument.

Second argument of callback function is updated model.

**Example**:

db.update({id: 'id123', key: 'value2'}, **function**(err, model){  
 **if**(err) {  
 console.log(err)  
 **return**;  
 }  
 console.log(model) // {id: 'id123', key: 'value2'}  
})

### db.remove

Remove model from DB by provided ID.

If callback is invoked with error that means the match was not found. Otherwise model was removed successfully.

**Example**:

db.*remove*('id123', **function**(err){  
 **if**(err) {  
 console.log(err)  
 **return**;  
 }  
 console.log('success')  
})