[mongoskin](https://www.npmjs.com/package/mongoskin)

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Install

$ npm install mongoskin

Usage

Use dburl

var mongo **=** require('mongoskin');

var db **=** mongo.db("mongodb://localhost:27017/integration\_tests", {native\_parser**:**true});

db.bind('article');

db.article.find().toArray(function(err, items) {

        db.close();

});

Use ReplSet

var mongo **=** require('mongoskin');

var Server **=** mongo.Server;

var Db **=** mongo.Db;

var replSet **=** **new** ReplSetServers([

**new** Server('localhost', 30000),

**new** Server('localhost', 30001),

**new** Server('localhost', 30002),

]);

var db **=** **new** Db('integration\_test\_', replSet, {w**:**0, native\_parser**:** (process.env['TEST\_NATIVE'] **!=** null)});

*// no need open and on('fullsetup', ...)*

db.collection('myconnection').find().setReadPreference(ReadPreference.SECONDARY).toArray(function(err, items) {

        db.close();

});

Model helper:

var mongo **=** require('mongoskin');

var db **=** mongo.db("mongodb://localhost:27017/integration\_tests", {native\_parser**:**true});

db.bind('article').bind({

    getByAuthor**:** function(author\_id, callback) {

        this.findOne({author\_id**:** author\_id}, callback);

    }

});

db.article.getByAuthor(author\_id, function(err, article) {

        console.log(article);

});

**Origin API part**

For detail API reference see [**node mongodb API**](http://mongodb.github.io/node-mongodb-native/). Mongoskin is just change the API call chain.

We make some common use functions in promise mode, we call it SkinClass of a normal Class. And the API is almost same with official API.

**module**

origin:

var mongo **=** require('mongodb');

var Db **=** mongo.Db;

var Server **=** mongo.Server;

var MongoClient **=** mongo.MongoClient;

var ReplSetServers **=** mongo.ReplSetServers;

**...**

mongoskin:

var mongo **=** require('mongoskin');

var Db **=** mongo.Db;

var Server **=** mongo.Server;

var MongoClient **=** mongo.MongoClient;

var ReplSetServers **=** mongo.ReplSetServers;

**...**

**MongoClient.connect(...)**

returns a Db instance

alias origin MongoClient.connect(..., function(err, db) { .... })

origin:

MongoClient.connect(**...**, function(err, db) {

})

mongoskin:

var db **=** MongoClient.connect(**...**)

**db.collection(..., [callback])**

returns a Collection instance

alias origin db.collection(..., function(err, collection) {....})

origin:

var db **=** **new** Db(**...**);

db.open(function(err, db) {

    db.collection('myCollection', {strict**:** true}, function(err, myCollection) {

*// myCollection.find() ...*

    });

});

mongoskin:

var db **=** **new** Db(**...**);

var myCollection **=** db.collection('myCollection', {strict**:** true});

**MongoSkin API part**

**module.db(...)**

alias MongoClient.connect(...) ### module.helper.toObjectID(hexStr) convert String to ObjectID instance. ### db.bind(name, options) alias db[name] = db.collection(name, options)

db.bind('article')

db.article.find().toArray(function(err, items) {

  assert.ok(err **==** null);

});

**db.admin(...)**

alias new Admin(db, ...) ### db.grid(...) alias new Grid(db, ...) ### db.gridStore(...) alias new GridStore(db, ...) ### collection.bind(extendObject) each method of extendObject will be bind to collection. ### collection.findById(id, ...) alias collection.find({\_id: toObjectID(id)}, ...) ### collection.updateById(id, ...) alias collection.update({\_id: toObjectID(id)}, ...) ### collection.removeById(id, ...) alias collection.remove({\_id: toObjectID(id)}, ...)

**NOTE!! mongoskin API change from 1.3.20**

Since node-mongodb-native has change a lot of API, mongoskin redesign from 1.3.20. The version number keep same with node-mongodb-native. And the API appearence is also keep same with node-mongodb-native

**Removed API from mongoskin 1.3.20**

* module.bind
* module.Skin\*
* module.router
* skinDb.toId
* skinDb.toObjectId
* skinDb.gridfs
* skinCollection.bind

**Modified API from mongoskin 1.3.20**

* module.db
* skinDb.bind

**Additional API from mongoskin 1.3.20**

* module.MongoClient
* module.Grid
* module.GridStore
* module.helper.toObjectID