

json-mongoose

Mongoose model representation like waterline models

Installation

```
npm install json-mongoose
```

This package is compatible with : Node.js $\geq 4.x$ (node.JS 4, 5 and 6 for now)

Usage

This library was created to simplify and organize code in mongoose model declaration and it add some new features :

- Create model from Joi schema to use it for validation
- Promisify mongoose functions

Declaration example

Schema :

```
'use strict';  
  
const Joi = require('joi');
```

```

module.exports = Joi.object({
  firstName      : Joi.string().required(),
  lastName       : Joi.string().required(),
  age            : Joi.number().integer(),
  emailAddress   : Joi.string().email().required(),
  login          : Joi.string().required(),
  password       : Joi.string().required()
});

```

Model :

```

'use strict';

const jsonToMongoose = require('json-mongoose');
const async           = require('async');
const bcrypt          = require('bcrypt');
const mongoose        = require('mongoose');

module.exports = jsonToMongoose({
  mongoose      : mongoose,
  collection    : 'user',
  schema        : require('../schemas/user'),
  autoinc       : {
    field : '_id'
  },
  pre           : {
    save : (doc, next) => {
      async.parallel({
        password : done => {
          bcrypt.hash(doc.password, 10, (err, hash) {
            if (err) {
              return next(err);
            }
            doc.password = hash;
            done();
          });
        }
      });
    }
  }
});

```

```

        }, next);
    }
},
schemaUpdate : (schema) => {
    schema.login.unique      = true;
    schema.emailAddress.unique = true;

    return schema;
},
transform : (doc, ret, options) => {
    delete ret.password;

    return ret;
},
options : {

}
});

```

Parameters

The function get only one parameter with may options :

Option	Type	Required	Description
mongoose	Object	true	Mongoose instance
schema	Object	true	Joi schema or JSON schema. If you use JOI schema, you can be used the <code>schemaUpdate</code> Method to set the unique and other params
collection	string	true	Collection name
			Mongoose connection c

connection	String or Object	false	with <code>mongoose.createConn</code> or just the string for the connection
schemaUpdate	function	false	This function is used if schema is a JOI schem case, you can set speci unique, ...
virtual	object	false	define model virtual field
options	object	false	Mongoose schema options
pre	object	false	Define different preprocessor functions in the middleware your model
post	object	false	Define different preprocessor functions in the middleware your model
methods	object	false	Define all instance functions your model
statics	object	false	Define all static functions your model
index	object[]	false	Define model indexes
transform	function	false	Define the default transform method for your model
autoinc	Object	false	Autoincrement configuration for Model
autoinc.field	String	false	Field with the autoincrement
autoinc.startAt	Number	false	Start value for the autoincrement Default : 0
autoinc.incrementBy	Number	false	Auto Increment steps. Default