

# MongoDB support for Node.js source code

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 CAST supports **MongoDB** as follows:

- via its [Node.js](#) extension when the source code language is **JavaScript**
- via its [Typescript and Frameworks](#) extension when the source code language is **TypeScript**.

Details about how this support is provided is discussed below.

## Objects

The following specific objects are displayed in CAST Enlighten:

	Node.js MongoDB connection
	Node.js MongoDB collection

## Code sample

This declaration will create a MongoDB connection and a collection object named "users". A "useSelectLink" between the find function and the collection is also created.

### Connector "Mongoose"

```
var mongoose = require('mongoose');

mongoose.connect('mongodb://localhost/analyzerlauncher', function(err) {
  if (err) { throw err; }
});

// create a Mongoose model
userModel = mongoose.model('users', userSchema);

function find(req,res){
  userModel.findOne(req.params.id, function (err, authorize) {})
}
```

## Links creation

The following links will be generated from a call of the following methods from a collection object:

link type	methods
useSelectLink	findOne, findById, where, find, exists
useDeleteLink	remove, findByIdAndRemove, findOneAndRemove, findByIdAndDelete, findOneAndDelete, deleteOne, deleteMany
useUpdateLink	update, updateOne, updateMany, findByIdAndUpdate, findOneAndUpdate, findByIdAndReplace, findOneAndReplace, replaceOne
useInsertLink	insertMany, insert, create

