


Mongoosastic(4.4.1) and elasticsearch(6.2.3)

 04 Apr 2018  elasticsearch mongoosastic

Ref

<https://github.com/mongoosastic/mongoosastic>
<https://www.elastic.co/blog/strings-are-dead-long-live-strings>

How it works?

```
const mongoose = require('mongoose');
const mongoosastic = require('mongoosastic');

const { Schema } = mongoose;

const ProductSchema = new Schema({
  category: { type: Schema.Types.ObjectId, ref: 'Category' },
  name: String,
  price: Number,
  image: String,
});

ProductSchema.plugin(mongoosastic, {
  hosts: ['localhost:9200'],
});

module.exports = mongoose.model('Product', ProductSchema);
```

By using mongoosastic as plugin there shall be some function added to Product model (ex: Product.createMapping, Product.synchronize)

createMapping shall create a query with content map from mongo schema fields (ex: category, name) into elasticsarch fields

Ex: body: {"product":{"properties":{"category":{"type":"string"},"name":{"type":"string"},"price":{"type":"long"},"image":{"type":"string"}}

Issue

```
'[mapper_parsing_exception] No handler for type [string] declared on field [category]'
```

This is because on version 6.x.x of elasticsearch *string* is removed and replaced by *text* type

Fix: add *customProperties* when set *mognosastic* plugin

```
ProductSchema.plugin(mongoosastic, {
  hosts: ['localhost:9200'],
  customProperties: {
    category: {
      type: 'text',
```

```
    },
    name: {
      type: 'text',
    },
    price: {
      type: 'long',
    },
    image: {
      type: 'text',
    },
  },
});
```

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