

Modern intelligent IT
Lab 6 (14.11.2016)
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Code:

```
import elasticsearch from 'elasticsearch';
import mongoose from 'mongoose';

import logger from '../shared/logger';
import { mongoHost, elasticHost, elasticConfig } from '../shared/config';

mongoose.connect(mongoHost);
const client = new elasticsearch.Client({ host: elasticHost });

const checkCollections = () => {
  logger.info(` Check: [${Date.now().toString()}]`);
  const db = mongoose.connection.db;
  db.listCollections().toArray((err, names) => {
    names.forEach((name) => {
      const collection = db.collection(name.name);
      collection.find().each((cursorErr, item) => addElasticData(item));
    });
  });
};

const addElasticData = item => {
  if (!item) return;

  delete item._id;
  delete item._v;
  client.index({
    index: elasticConfig.index,
    type: elasticConfig.type,
    body: item,
  });
  logger.info('indexed:', item);
};

mongoose.connection.on('open', checkCollections);
```

