MongoDB for VS Code

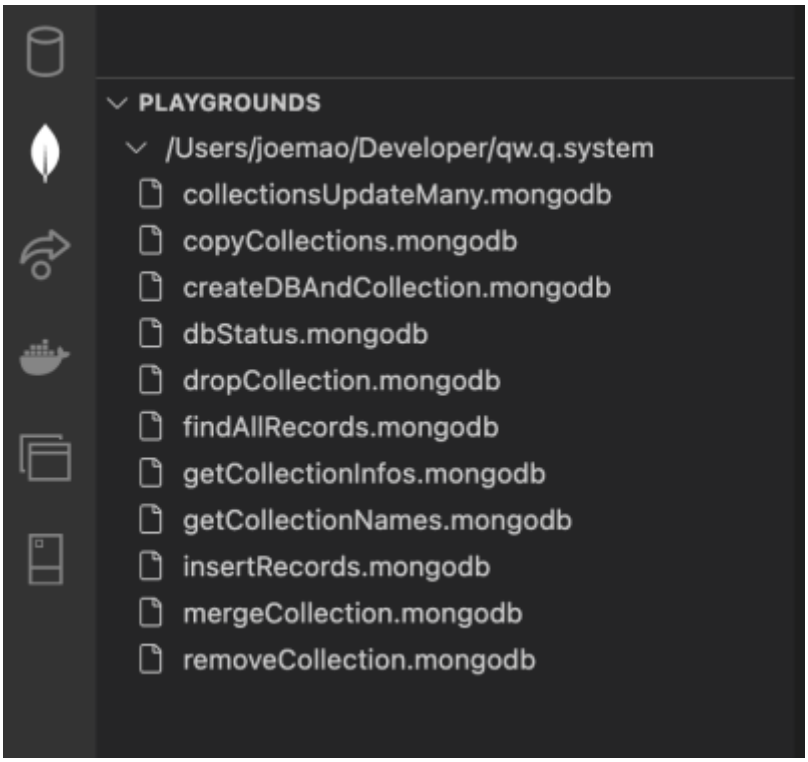
Marketplace

Install

- It is currently a preview version.

Usage

- Open vscode preference and search 'MongoDB'.
- Please keep Ask before executing command selected.
- Please keep connection saving globally.
- Add some `.mongodb` playground file into `${workspaceFolder}/.vscode/mongo/`.
- Delete the exclude folder '**/.*'.
- You will see your playground files.



Be careful when execute the playground file, especially when performing create and update actions.

Advance

- The MongoDB extension document
- Can require some npm packages into `.mongodb` file, like taht.
- Export a Query or Pipeline to Language
- Use javascript-like syntax.

```
const SOURCE_DB = 'timesheetapp'
const TARGET_DB = 'ecoffice'
const COLLECTION_SET = [
  { sourceColl: 'customers', targetColl: 'customers' },
  { sourceColl: 'timesheetJobs', targetColl: 'timesheetJobs' },
  { sourceColl: 'timesheetServices', targetColl: 'timesheetServices' }
]

// Select the database to use.
use(SOURCE_DB)

COLLECTION_SET.map((obj) => {
  const { sourceColl, targetColl } = obj
  const beforeInsert =
db.getSiblingDB(TARGET_DB).getCollection(targetColl).countDocuments()
  const insertCount = db[sourceColl].countDocuments({
    companyCode: '681584241825192'
  })
  const result = db[sourceColl].aggregate([
    {
      $match: {
        companyCode: '681584241825192'
      }
    },
    // if you need to add fields
    {
      $addFields: {
        tenantCode: "$companyCode" // use reference
      }
    },
    // Mongo project
    {
      $project: {
        companyCode: 0
      }
    },
    // reference
https://docs.mongodb.com/manual/reference/operator/aggregation/merge/#only-i
nsert-new-data
  // Starting in MongoDB 4.4
  {
    $merge: {
```

```
      into: { db: TARGET_DB, coll: targetColl }, // <collection> -or- { db:
<db>, coll: <collection> }
      on: '_id',// <identifier field> -or- [ <identifier field1>, ...]  //
Optional
      // let: <variables>,                                          //
Optional
      whenMatched: 'keepExisting', //
<replace|keepExisting|merge(Default)|fail|pipeline>  // Optional
      // whenNotMatched: <insert(Default)|discard|fail>
// Optional
    }
  }
  ])
  const afterInsert =
db.getSiblingDB(TARGET_DB).getCollection(targetColl).countDocuments()
  return {
    from: `${SOURCE_DB}.${sourceColl}`,
    to: `${TARGET_DB}.${targetColl}`,
    beforeInsert,
    insertCount,
    afterInsert
  }
})
```

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