

MongoDB for VS Code

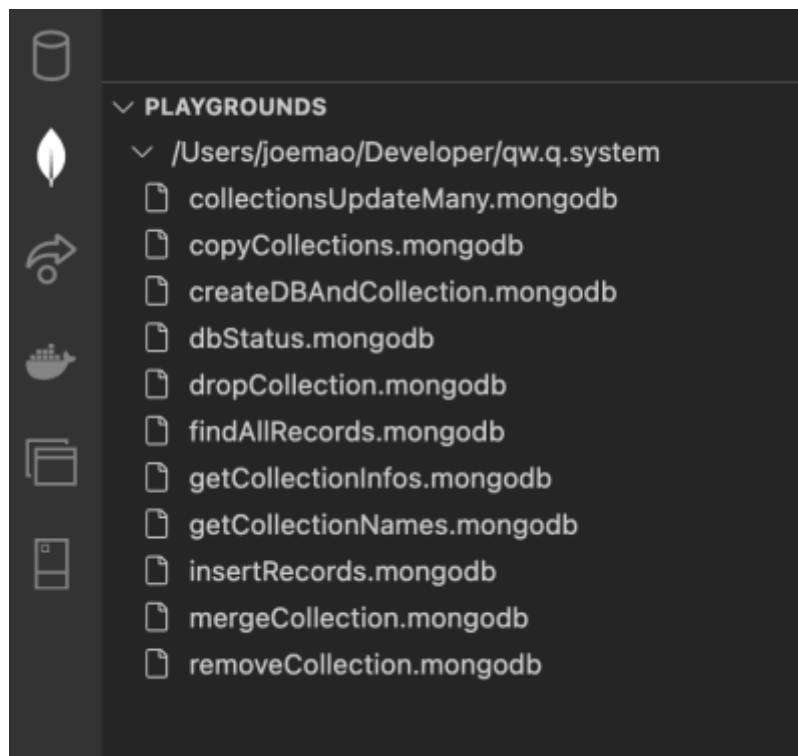
Marketplace

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 global 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
    insert-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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