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raman@fdcfefebc1e9:~$ # Load JSON file to a MongoDB database using mongoimport
raman@fdcfefebc1e9:~$ ls -l
total 12
drwxrwxr-x 2 raman raman 4096 Oct 20 05:42 Documents/
drwxrwxr-x 2 raman raman 4096 Oct 20 05:51 Downloads/
drwxrwxr-x 2 raman raman 4096 Oct 20 07:15 Scripts/
raman@fdcfefebc1e9:~$ ls -l Downloads/
total 3108
-rw-r--r-- 1 raman raman 3182409 Oct 20 05:51 zips.json
raman@fdcfefebc1e9:~$ # Number of records in file zips.json
raman@fdcfefebc1e9:~$ wc -l Downloads/zips.json
29353 Downloads/zips.json
raman@fdcfefebc1e9:~$
raman@fdcfefebc1e9:~$ # display the first 15 records in file zips.json
raman@fdcfefebc1e9:~$ head -15 Downloads/zips.json
{ "_id" : "01001", "city" : "AGAWAM", "loc" : [ -72.622739, 42.070206 ], "pop" : 15338, "state" : "MA" }
{ "_id" : "01002", "city" : "CUSHMAN", "loc" : [ -72.51564999999999, 42.377017 ], "pop" : 36963, "state" : "MA" }
{ "_id" : "01005", "city" : "BARRE", "loc" : [ -72.108354000000001, 42.409698 ], "pop" : 4546, "state" : "MA" }
{ "_id" : "01007", "city" : "BELCHERTOWN", "loc" : [ -72.410953000000001, 42.275103 ], "pop" : 10579, "state" : "MA" }
{ "_id" : "01008", "city" : "BLANDFORD", "loc" : [ -72.936114, 42.182949 ], "pop" : 1240, "state" : "MA" }
{ "_id" : "01010", "city" : "BRIMFIELD", "loc" : [ -72.188455, 42.116543 ], "pop" : 3706, "state" : "MA" }
{ "_id" : "01011", "city" : "CHESTER", "loc" : [ -72.988761, 42.279421 ], "pop" : 1688, "state" : "MA" }
{ "_id" : "01012", "city" : "CHESTERFIELD", "loc" : [ -72.833309, 42.38167 ], "pop" : 177, "state" : "MA" }
{ "_id" : "01013", "city" : "CHICOPEE", "loc" : [ -72.607962, 42.162046 ], "pop" : 23396, "state" : "MA" }
{ "_id" : "01020", "city" : "CHICOPEE", "loc" : [ -72.576142, 42.176443 ], "pop" : 31495, "state" : "MA" }
{ "_id" : "01022", "city" : "WESTOVER AFB", "loc" : [ -72.558657, 42.196672 ], "pop" : 1764, "state" : "MA" }
{ "_id" : "01026", "city" : "CUMMINGTON", "loc" : [ -72.905767, 42.435296 ], "pop" : 1484, "state" : "MA" }
{ "_id" : "01027", "city" : "MOUNT TOM", "loc" : [ -72.679920999999999, 42.264319 ], "pop" : 16864, "state" : "MA" }
{ "_id" : "01028", "city" : "EAST LONGMEADOW", "loc" : [ -72.505565, 42.067203 ], "pop" : 13367, "state" : "MA" }
{ "_id" : "01030", "city" : "FEEDING HILLS", "loc" : [ -72.675077, 42.07182 ], "pop" : 11985, "state" : "MA" }
raman@fdcfefebc1e9:~$
raman@fdcfefebc1e9:~$ # display the last 15 records in file zips.json
raman@fdcfefebc1e9:~$ tail -15 Downloads/zips.json
{ "_id" : "99827", "city" : "HAINES", "loc" : [ -135.542032, 59.251886 ], "pop" : 2246, "state" : "AK" }
{ "_id" : "99829", "city" : "HOONAH", "loc" : [ -135.558435, 58.032237 ], "pop" : 1670, "state" : "AK" }
{ "_id" : "99833", "city" : "PETERSBURG", "loc" : [ -133.160683, 56.827134 ], "pop" : 4253, "state" : "AK" }
{ "_id" : "99835", "city" : "SITKA", "loc" : [ -135.316569, 57.051436 ], "pop" : 8638, "state" : "AK" }
{ "_id" : "99840", "city" : "SKAGWAY", "loc" : [ -135.301794, 59.468471 ], "pop" : 692, "state" : "AK" }
{ "_id" : "99901", "city" : "KETCHIKAN", "loc" : [ -131.683175, 55.372028 ], "pop" : 13886, "state" : "AK" }
{ "_id" : "99919", "city" : "THORNE BAY", "loc" : [ -132.513815, 55.66086 ], "pop" : 744, "state" : "AK" }
{ "_id" : "99921", "city" : "CRAIG", "loc" : [ -133.117081, 55.47317 ], "pop" : 1398, "state" : "AK" }
{ "_id" : "99922", "city" : "HYDABURG", "loc" : [ -132.633175, 55.137406 ], "pop" : 891, "state" : "AK" }
{ "_id" : "99923", "city" : "HYDER", "loc" : [ -130.124915, 55.925867 ], "pop" : 116, "state" : "AK" }
{ "_id" : "99925", "city" : "KLAWOCK", "loc" : [ -133.055503, 55.552611 ], "pop" : 851, "state" : "AK" }
{ "_id" : "99926", "city" : "METLAKATLA", "loc" : [ -131.579001, 55.121491 ], "pop" : 1469, "state" : "AK" }
{ "_id" : "99927", "city" : "POINT BAKER", "loc" : [ -133.376372, 56.307858 ], "pop" : 426, "state" : "AK" }
{ "_id" : "99929", "city" : "WRANGELL", "loc" : [ -132.352918, 56.433524 ], "pop" : 2573, "state" : "AK" }
{ "_id" : "99950", "city" : "KETCHIKAN", "loc" : [ -133.18479, 55.942471 ], "pop" : 422, "state" : "AK" }
raman@fdcfefebc1e9:~$
raman@fdcfefebc1e9:~$ # import zips.json file to MongoDB in dbName: assignment and collectionName: ZipCode
raman@fdcfefebc1e9:~$ mongoimport -d assignment -c ZipCode --file /home/raman/Downloads/zips.json
2020-10-20T09:18:31.251+0000 connected to: mongod://localhost/
2020-10-20T09:18:32.341+0000 29353 document(s) imported successfully. 0 document(s) failed to import.
raman@fdcfefebc1e9:~$
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