

ChatScript ships with code and WINDOWS libraries for accessing Mongo but you need a database somewhere. On windows mongo access is the default. On Linux you have to *make mongoserver*.

On Mac and IOS #define DISCARDMONGO is on by default.

If you have access to a Mongo server remotely, that's fine. If you need one installed on your machine, see the end for how to install one.

Using Mongo as file server

Aside from using Mongo to store data for a chatbot to look up, one can also use Mongo as a replacement for the local file system of the USERS directory. This allows you to scale CS horizontally by having multiple CS servers all connecting to a common Mongo DB machine so a user can be routed to any server. To do this, on the command line use:

```
mongo="mongodb://localhost:27017 ChatScript MyCollection"
```

or whatever.

Obviously put the correct data for your mongo machine. CS will store user topic files in the Mongo machine and well as ^export and ^import data. For user and server logs it will both store those on the local machine AND send them remote to the Mongo machine.

You may have the same or different collection active, once via filesystem replacement and once via normal script access.

Access A Mongo Database

There are only a couple of functions you need.

^MONGOINIT(server domain collection)

Once the named collection is open, it becomes the current database the server uses *until you close it* no matter how many volleys later that is. Currently you can only have one collection open at a time. By the way, if a call to ^MONGOINIT fails, the system will both write why to the user log and set it onto the value of **\$\$mongo_error**.

^mongonit will fail if the database is already open.

^MONGOCLOSE() closes the currently open collection.

^MongoInsert(key string) – does an up-sert of a json string (which need not have double quotes around it. Key is also a string which does not require double quotes.

^MongoDelete(key) – removes the corresponding data.

^**MongoFindDocument(pattern)** - finds documents corresponding to the mongo pattern (see a mongo manual).