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# MongoJob Documentation

*Release 0*

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Contents:

**class** `MongoJob.MongoJob` (*host, port, dbname, username, pwd*)

Main class to access the Mongo DB

**configurations** ()

List all the configurations stored

**downloadConfig** (*cname, version, toFileOnly=False*)

Download a jobcontrol configuration to /dev/shm/mgjob/ directory

**Parameters**

- **cname** – Configuration name
- **version** – Configuration version

:param toFileOnly:if True and /dev/shm/mgjob/cname\_version.json exists, then it exits

**getRun** (*location, comment='Not set'*)

Get a new run number for a given setup

**Parameters**

- **location** – Setup Name
- **comment** – Comment on the run

**Returns** a dictionary corresponding to the base insertion {run,location,time,comment}

**reset** ()

Reset connection to download another configuration

**runs** ()

List all the run informations stored

**uploadConfig** (*name, fname, comment, version=1*)

jobcontrol configuration upload

**Parameters**

- **name** – Name of the configuration
- **fname** – File name to upload
- **comment** – A comment on the configuration
- **version** – The version of the configuration

`MongoJob.IP2Int` (*ip*)

convert IP adress string to int

**Parameters** **IP** – the IP address

**Returns** the encoded integer

`MongoJob.instance` ()

Create a MongoJob Object

The ENV varaible `MGDBLOGIN=user/pwd@host:port@dbname` mut be set

**Returns** The MongoJob Object



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