

# Go-Docker CLI : a blast example

## **Install godocker-cli with virtualenv**

```
virtualenv godcli  
source godcli/bin/activate  
pip install godocker_cli
```

## **Use godlogin to create a session with your godocker server**

```
godlogin -a XXXXXXXX -l login -s http://godocker.genouest.org
```

## **Create a job**

### **Get your script**

```
curl -o script.sh  
https://data-access.cesgo.org/index.php/s/gVUUBY4Dzn2QuGw/download
```

### **Create your job**

```
godjob create -n cli_blast -d test_blast -c 2 -r 4 -i simonalpha/ncbi-blast-docker -s script.sh
```

### **Get your job status**

```
godjob show job_id
```

### **Access to results**

```
godfile list job_id  
godfile list job_id blastdb  
godfile download job_id megablast.out
```

## **Create a job using your GenOuest home directory**

### **Get your script**

```
curl -o script_home.sh  
https://data-access.cesgo.org/index.php/s/NevQUUUG924vkcs/download
```

### **Create your job**

```
godjob create -n cli_blast -d test_blast -c 2 -r 4 -i simonalpha/ncbi-blast-docker -v home -s script_home.sh
```

## Get your job status

```
godjob show job_id
```