

## POST sqoop

### 1. Description

Run a Sqoop command

### 2. URL

<http://www.myserver.com/templeton/v1/sqoop>

### 3. Parameters

Name	Description	Required?	Default
command	Sqoop command string to run	Optional (Only when "file" is defined)	None
file	Options file which contain Sqoop command need to run (each section in the Sqoop command separated by space should be a single line in the options file)	Optional	None
files	Comma separated files to be copied to the map reduce cluster	Optional	None
statusdir	A directory where Templeton will write the status of the Sqoop job. If provided, it is the caller's responsibility to remove this directory when done	Optional	None
callback	Define a URL to be called upon job completion. You may embed a specific job ID into the URL using \$jobId. This tag will be replaced in the callback URL with the job's job ID.	Optional	None

### 4. Results

Name	Description
id	A string containing the job ID similar to "job_201110132141_0001".
info	A JSON object containing the information returned when the job was queued.

## 5. Example

### Curl Command

```
% curl -s -d user.name=shuainie
-d files="/sqoopcommand/command.txt"
-d command="import --option-file command.txt --table mytable --target-dir
/user/shuainie/importable "
-d statusdir="status.output"
'http://localhost:50111/templeton/v1/sqoop'
```

### JSON Output

```
{
  "id": "job-201111111311_0005",
  "info": {
    "stdout": "templeton-job-id: job_201111111311_0005",
    "stderr": "",
    "exitcode": 0
  }
}
```

### Results

```
% hadoop fs -ls /user/shuainie/sqoop.output
```

Found 3 items

```
-rw-r--r-- 1 shuainie supergroup 3 2011-11-11 13:22 /user/shuainie/sqoop.output/exit
-rw-r--r-- 1 shuainie supergroup 3358 2011-11-11 13:22 /user/shuainie/sqoop.output/stderr
-rw-r--r-- 1 shuainie supergroup 389 2011-11-11 13:22 /user/shuainie/sqoop.output/stdout
```

```
% hadoop fs -ls /user/shuainie/importable
```

Found 6 items

```
-rw-r--r-- 1 shuainie supergroup 0 2011-11-11 13:22 /user/shuainie/importable/_SUCCESS
drwxr-xr-x - shuainie supergroup 0 2011-11-11 13:22 /user/shuainie/importable/_log
-rw-r--r-- 1 shuainie supergroup 38 2011-11-11 13:22 /user/shuainie/importable/part-m-00000
-rw-r--r-- 1 shuainie supergroup 0 2011-11-11 13:22 /user/shuainie/importable/part-m-00001
-rw-r--r-- 1 shuainie supergroup 38 2011-11-11 13:22 /user/shuainie/importable/part-m-00002
-rw-r--r-- 1 shuainie supergroup 37 2011-11-11 13:22 /user/shuainie/importable/part-m-00003
```