POST hive

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1 Description

Runs a [Hive](#) query or set of commands.

2 URL

```
http://www.myserver.com/templeton/v1/hive
```

3 Parameters

Name	Description	Required?	Default
execute	String containing an entire, short hive program to run.	One of either "execute" or "file" is required	None
file	HDFS file name of a hive program to run.	One of either "exec" or "file" is required	None
define	Set a Hive configuration variable using the syntax define=NAME=VALUE.	Optional	None
statusdir	A directory where Templeton will write the status of the Hive 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 this URL using $jobId. This tag will be replaced in the callback URL with this job's job ID.	Optional	None

4 Results

Name	Description
id	A string containing the job ID similar to "job_201110132141_0001".

Name	Description
info	A JSON object containing the information returned when the job was queued. See the Hadoop documentation (Class TaskController) for more information.

5 Example

Curl Command

```
% curl -s -d user.name=ctdean \
       -d execute="select+*+from+pokes;" \
       -d statusdir="pokes.output" \
       'http://localhost:50111/templeton/v1/hive'
```

JSON Output

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

Results

```
% hadoop fs -ls pokes.output
Found 2 items
-rw-r--r--   1 ctdean supergroup        610 2011-11-11 13:22 /user/ctdean/pokes.output/
stderr
-rw-r--r--   1 ctdean supergroup         15 2011-11-11 13:22 /user/ctdean/pokes.output/
stdout

% hadoop fs -cat pokes.output/stdout
1       a
2       bb
3       ccc
```