

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 <code>define=NAME=VALUE</code> . | 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 <code>/jobId</code> . This tag will be replaced in the callback URL with this job's job ID. | Optional | None |

The [standard parameters](#) are also supported.

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_2011111111311_0005",
  "info": {
    "stdout": "templeton-job-id: job_2011111111311_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
```