POST pig

Table of contents

1 Description

Create and queue a [Pig](#) job.

2 URL

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

3 Parameters

Name	Description	Required?	Default
execute	String containing an entire, short pig program to run.	One of either "execcute" or "file" is required	None
file	HDFS file name of a pig program to run.	One of either "exec" or "file" is required	None
arg	Set a program argument.	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 Pig 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

Code and Data Setup

```
% cat id.pig
A = load 'passwd' using PigStorage(':');
B = foreach A generate $0 as id;
dump B;

% cat fake-passwd
ctdean:Chris Dean:secret
pauls:Paul Stolorz:good
carmas:Carlos Armas:evil
dra:Deirdre McClure:marvelous

% hadoop fs -put id.pig .
% hadoop fs -put fake-passwd passwd
```

Curl Command

```
% curl -s -d user.name=ctdean \
       -d file=id.pig \
       -d arg=-v \
       'http://localhost:50111/templeton/v1/pig'
```

JSON Output

```
{
 "id": "job_201111101627_0018",
 "info": {
          "stdout": "templeton-job-id:job_201111101627_0018
                    ",
          "stderr": "",
          "exitcode": 0
         }
}
```