# Wiki Operacional PSafe

## Passing current date to Hive query

1. Create a Hive script with a parameter and save to file system (CURRENT_DATE in this example):

```
set CURRENT_TIMEZONE='GMT-02:00';

set FIRST_REPORT_DATE=date_sub('${CURRENT_DATE}', 2);
set LAST_REPORT_DATE=date_sub('${CURRENT_DATE}', 1);

set INDEX_BEGIN=date_sub(${hiveconf:FIRST_REPORT_DATE}, 1);
set INDEX_END=date_add(${hiveconf:LAST_REPORT_DATE}, 1);


SELECT count(*) FROM staging_db.mobile_kill_appinfo
WHERE from_utc_timestamp(time, ${hiveconf:CURRENT_TIMEZONE}) >= ${hiveconf:FIRST_REPORT_DATE}
                 AND from_utc_timestamp(time, ${hiveconf:CURRENT_TIMEZONE}) <= ${hiveconf:LAST_REPORT_DATE}
                 AND concat(year, '-', month, '-', day) >= ${hiveconf:INDEX_BEGIN}
                 AND concat(year, '-', month, '-', day) <= ${hiveconf:INDEX_END}
```

2. Create a Hue (Oozie) workflow with Hive job and add the script as well:

| | |
|---|---|
| Script name | /user/bi.user/hive.hql |
| Prepare | Add delete   Add mkdir |

3. Add a parameter to job

| Params | Type | Value | | |
|---|---|---|---|---|
| | param | CURRENT_DATE=${CURRENT_DATE} | .. | Delete |
| | Add param | | | |

4. Create a coordinator for workflow (schedule) and specify an Oozie to get and format date

```
<code>${coord:formatTime(coord:actualTime(), 'yyyy-MM-dd')}</code>
```

### Coordinator Editor : test-hive

Step 1: General    Step 2: Frequency    Step 3: Inputs    Step 4: Outputs    **Step 5: Advanced settings**

## Advanced settings

| | Name | Value | |
|---|---|---|---|
| Oozie parameters | oozie.use.system.libpath | true | Delete |
| | Add | | |
| Workflow properties | Name | Value | |
| | CURRENT_DATE | ${coord:formatTime(coord:actualTime(), 'yyyy-MM-dd')} | Delete |
| | Add | | |
| Timeout | | | |
| Concurrency | 1 ▼ | Throttle | --------- ▼ |
| Execution | LAST_ONLY (discards all olde ▼ | | |

→ Advanced

Back   Next   Save coordinator

5. Don't forget to specify hive-config.xml (hive-site.xml) as a Job XML and as a file to add to job. Don't use name hive-site.xml - will not work due to internal bug.

---

/var/www/html/dokuwiki/data/pages/documentacao/bi/working_with_hue/passing_current_date_to_hive_script.txt · Última modificação: 27/11/2014 18:28 por Mikhail Bragin