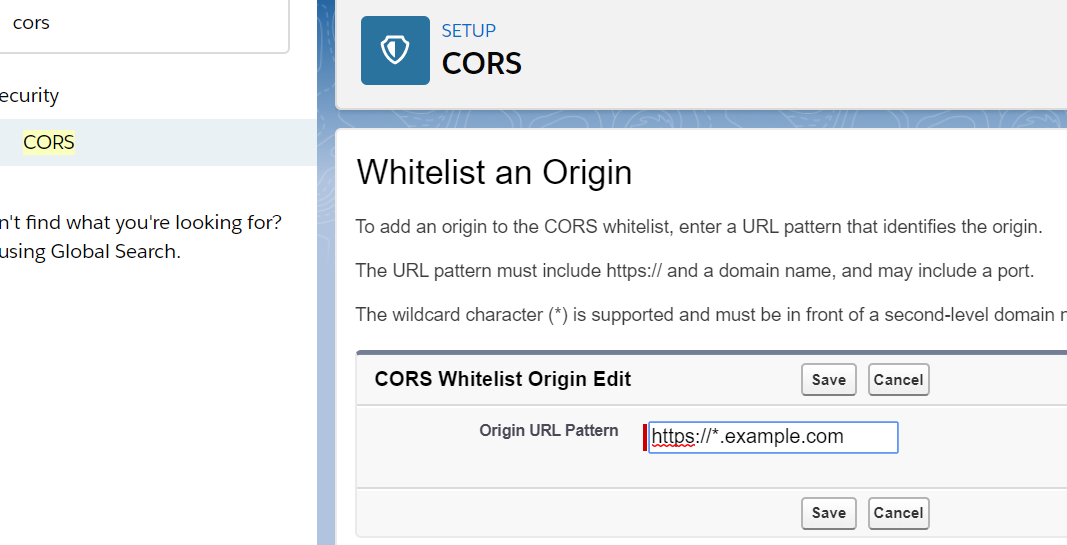
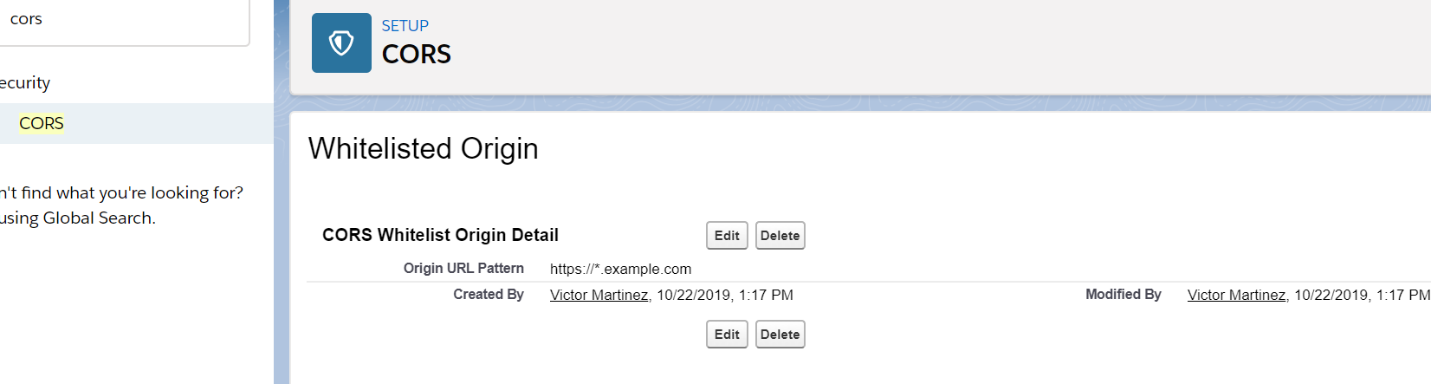
HOW to Flush using Salesforce BulkAPI

To White list go to CORS at settings in SF Setup

insert

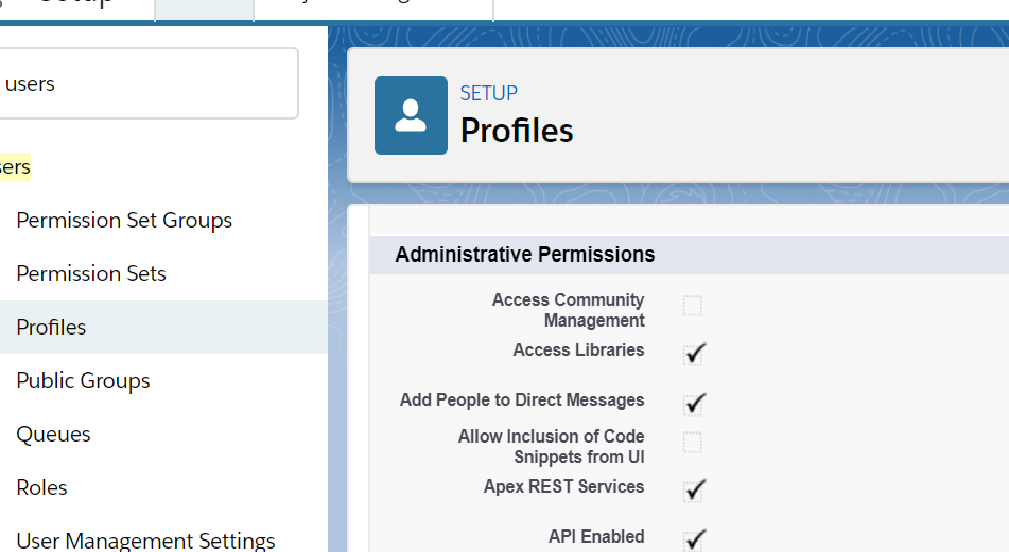
https://\*.example.com





Enable Bulk API.

You must have the “API Enabled” permission. This permission is enabled in the System Administrator profile.



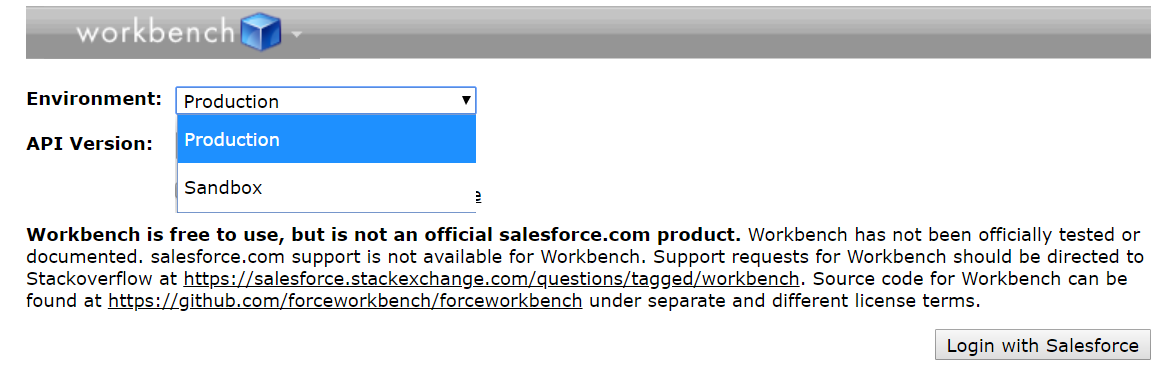
Use CASE: For larger sets of Data we can insert, update, upsert (that allows a DML statement's author to atomically either insert a row, or on the basis of the row already existing) or delete records. Asynchronous so we can submit request and comeback later. How do we monitor job progress and get the flush results. See Below.

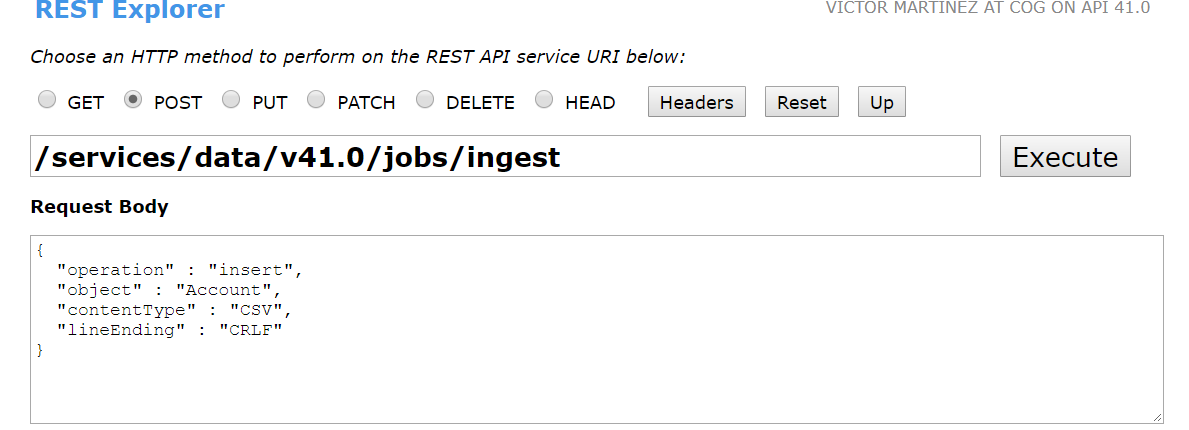
**BULK API-**enables processing records in data loader CSV/text.

(JOB in SF)=TypeOperation+DataObject) = Bucket

We use WORKBENCH . Go to Workbench. With an Example CSV 500 Accounts.

Workbench->Environment->Production->Environment->Select HighestAPI->Utilities/RestExplorer

**Go To Utilities->Rest Explorer in workbench.developerforce.com**

1. Create a JOB by submitting a **POST** request to **/jobs/ingest** or **/services/data/v47.0/jobs/ingest **

**Insert**

For the request body CSV/text.

{

**"operation"** : **"insert"**,

**"object"** : **"Account"**,

**"contentType"** : **"CSV"**,

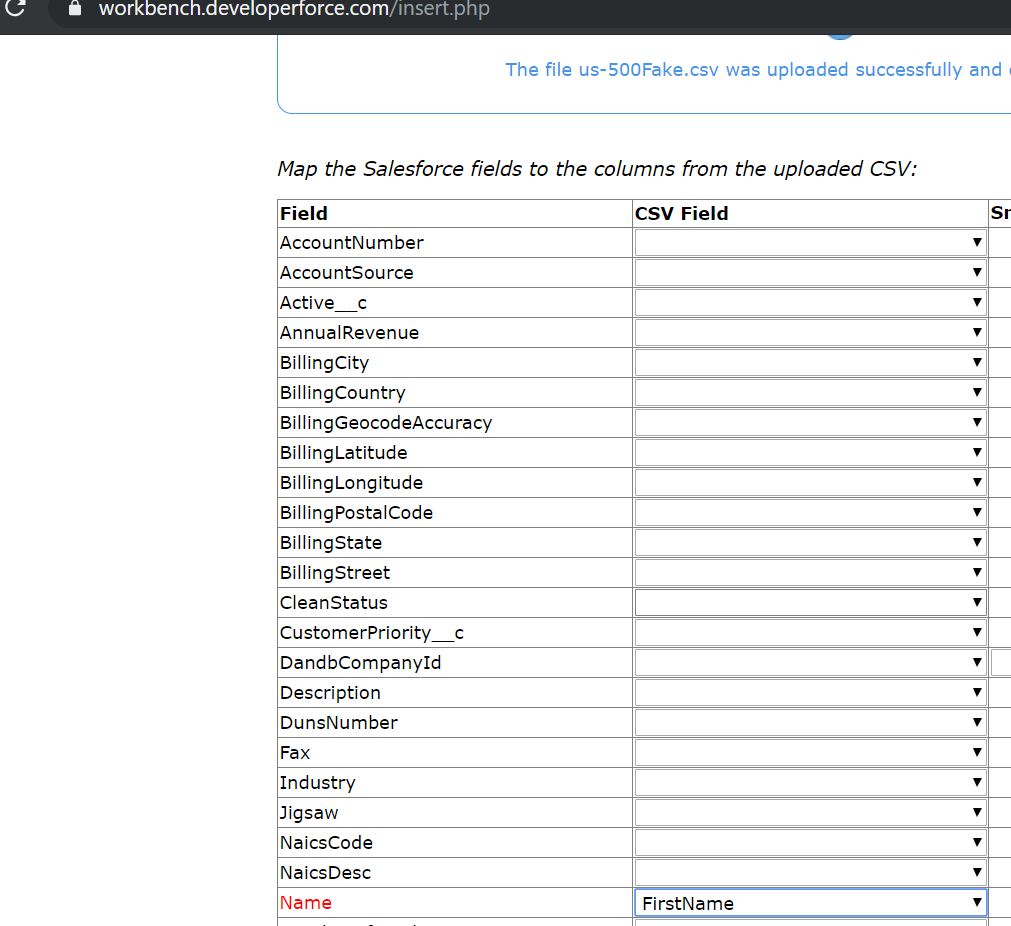
**"lineEnding"** : **"CRLF"**

}

POST Results

* id: **7503k00000HH7BHAA1**
* operation: **insert**
* object: **Account**
* createdById: **0053k00000ATXIAAA5**
* createdDate: **2019-10-22T21:26:17.000+0000**
* systemModstamp: **2019-10-22T21:26:17.000+0000**
* state: **Open**
* concurrencyMode: **Parallel**
* contentType: **CSV**
* apiVersion: **47**
* contentUrl: **services/data/v47.0/jobs/ingest/7503k00000HH7BHAA1/batches**
* lineEnding: **CRLF**
* columnDelimiter: **COMMA**

The above results are properties yet we have NO DATA.

* 1. Note JOB ID (id) : **7503k00000HH7BHAA1**
  2. Note state: **Open**
  3. **URL we use to load DATA :** contentUrl: **services/data/v47.0/jobs/ingest/7503k00000HH7BHAA1/batches**
  4. **Map CSV in workbench.developerforce.com **

or

The Data is uploaded via the RequestBody like this

Name"

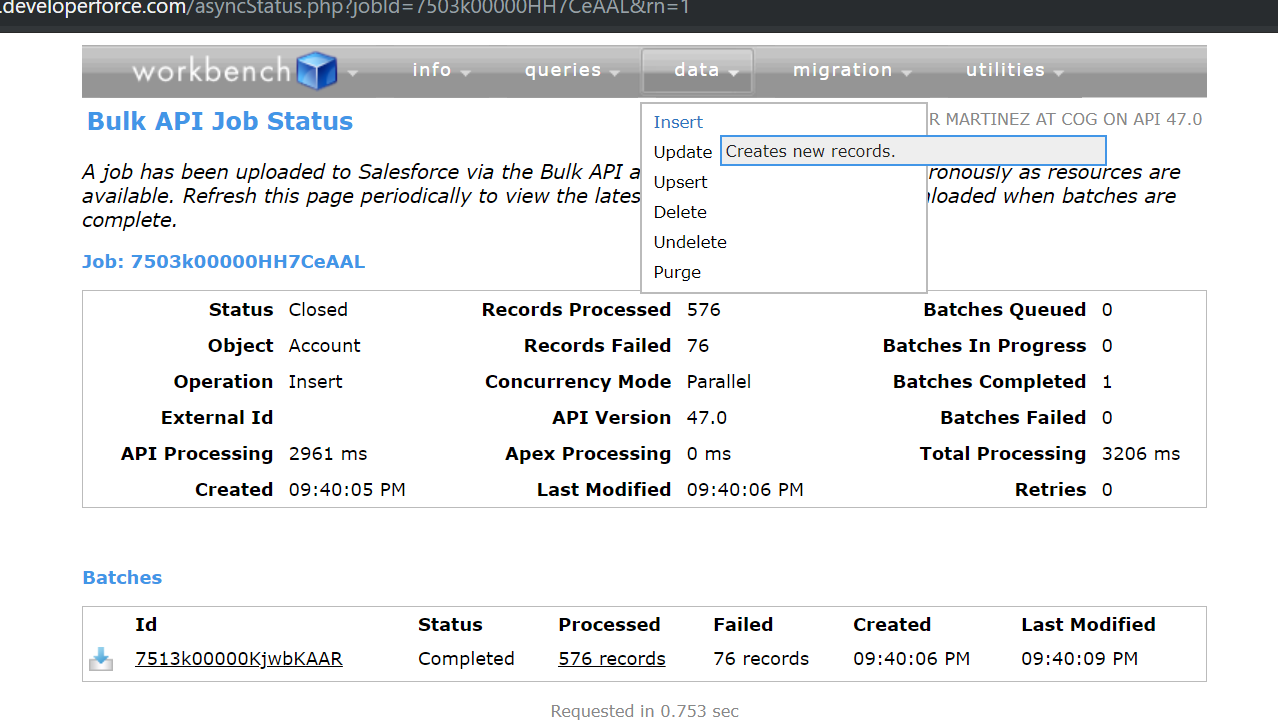
"Sample Bulk API Account 1"

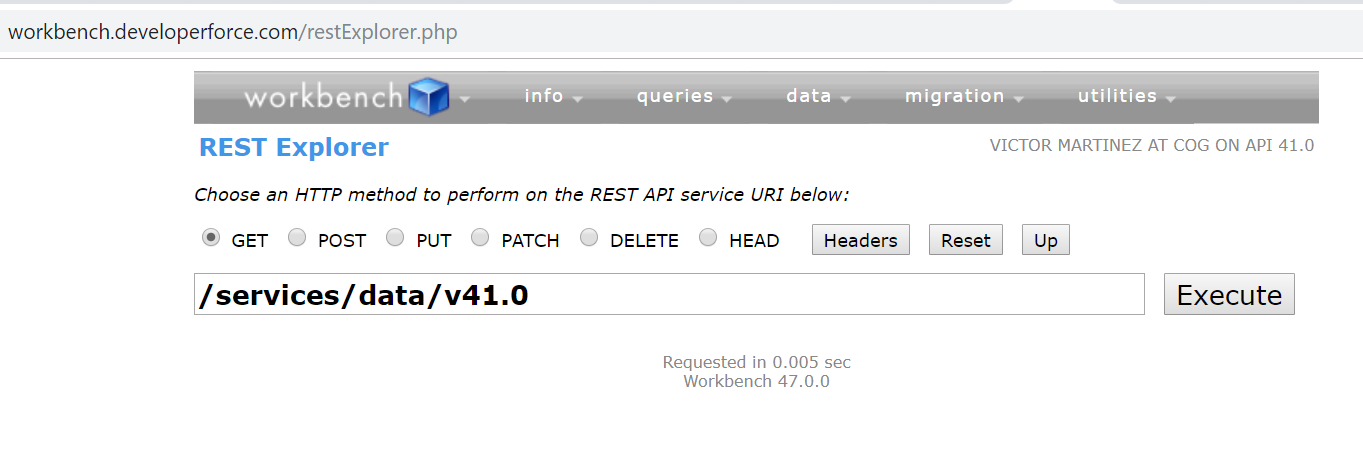
"Sample Bulk API Account 2"

"Sample Bulk API Account 3"

"Sample Bulk API Account 4"

**Or**

****

****



In the API, we use the /jobs/ingest/jobID resource to monitor a job.

To PATCH or Close the Upload Complete

Top of Form

*Choose an HTTP method to perform on the REST API service URI below:*

 GET   POST   PUT   PATCH   DELETE   HEAD

**/services/data/v47.0/jobs/ingest/7503k00000HH7BHAA1/batches**

**Request Headers**



**Request Body**



Bottom of Form

Body Results

RESULTS

**Raw Response**

HTTP/1.1 201 Created Date: Tue, 22 Oct 2019 21:59:40 GMT Strict-Transport-Security: max-age=31536002; includeSubDomains Public-Key-Pins-Report-Only: pin-sha256="9n0izTnSRF+W4W4JTq51avSXkWhQB8duS2bxVLfzXsY="; pin-sha256="5kJvNEMw0KjrCAu7eXY5HZdvyCS13BbA0VJG1RSP91w="; pin-sha256="njN4rRG+22dNXAi+yb8e3UMypgzPUPHlv4+foULwl1g="; max-age=86400; includeSubDomains; report-uri="https://a.forcesslreports.com/hpkp-report/00D3k000000uoDHm"; Expect-CT: max-age=86400, report-uri="https://a.forcesslreports.com/Expect-CT-report/00D3k000000uoDHm" Content-Security-Policy-Report-Only: default-src https:; script-src https: 'unsafe-inline' 'unsafe-eval'; style-src https: 'unsafe-inline'; img-src https: data: blob: file:; frame-ancestors 'self' \*.salesforce.com \*.force.com \*.visualforce.com \*.documentforce.com; font-src https: data: blob: file:; connect-src 'self' https:; report-uri https://csp-report.force.com/\_/ContentDomainCSPNoAuth?type=mydomain X-Content-Type-Options: nosniff X-XSS-Protection: 1; mode=block Content-Security-Policy: upgrade-insecure-requests X-Robots-Tag: none Cache-Control: no-cache,must-revalidate,max-age=0,no-store,private Set-Cookie: BrowserId=Pzdqd\_UXEem4RxGoBabtyw;Path=/;Domain=.salesforce.com;Expires=Sat, 21-Dec-2019 21:59:40 GMT;Max-Age=5184000 Expires: Thu, 01 Jan 1970 00:00:00 GMT Sforce-Limit-Info: api-usage=29/15000 Transfer-Encoding: chunked

Go to

**7503k00000HH7BHAA1** is JobID

Or Salesforce Admin Lightning Console. Go to Accounts

