Version 37.0.1

This is major release and has a lot of new features, with lots of changes comes the risk of regressions. It is recommended that you use caution before downloading and using it in your production loads. If your earlier version is running fine with no issues, then wait for a few patch releases (37.0.3 or higher) before upgrading to version 37.X
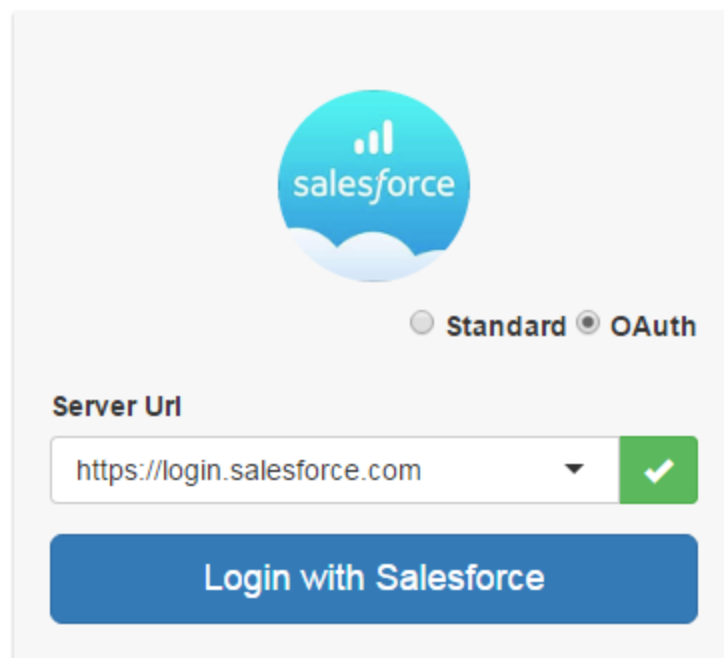
Note: This release requires JVM version 8 or higher.

New Features

OAuth Support for Salesforce

You can now choose to log in using OAuth for Salesforce. Just select OAuth as the login type, select your instance (test.salesforce.com or login.salesforce.com), and click 'Log In with Salesforce'. Since no state is stored on the client you will have to OAuth every time you start the app. Also, if the OAuth session expires in the middle of a large file load, the load will be aborted (if you provide your username and password the session is refreshed and the load recovers). Because OAuth requires a browser for redirection, the command line does not support OAuth.

New CSV Parser

The CSV parser has been switched to the same one used by the Salesforce bulk API. The advantage of this version is that it will not cause the JVM to run out of memory if there is an unterminated quote inside a column. The load will still fail but the error will be more specific to help you debug the root cause.

Org Preferences

Now you can set org preferences for Upload Notifications and Fiscal Settings.

Fiscal Settings
This will help you generate the correct JSON with the correct fiscal settings without having to update it for every date field in the auto-generated schema.

Notification Settings
You can set the notification email and level in the Org Preferences section and the same setting will be applied to every file upload. Please leave email as '*current.user@yourdomain.com* ' if you want the notification to always go the user that uploads the file.

Notification Email

current.user@yourdomain.com ✓

Notification Level

warnings ▾ ✓

Week starts on

Monday ▾ ✓

Fiscal Year Start Month

January ▾ ✓

Fiscal Year is Based On

The starting month ▾ ✓

Save Settings

Auto Replication Dataflow Setup

This version will automatically merge all your sdfcDigest nodes from your dataflows and automatically set up replication dataflow for you.

To use this feature, go to '*List Dataflows*', click '*Default Replication Dataflow*', and then click '*Generate Replication Dataflow*'. Verify that the dataflow is correct and make any changes, if required, and click '*Save Dataflow*'.

```
Default Replication Dataflow

Code ▾                                        powered by ace

1 ▾ {
2 ▾   "User": {
3       "action": "sfdcDigest",
4 ▾     "parameters": {
5         "SFDCtoken": "SFDCtoken",
6 ▾       "fields": [
7 ▾         {
8             "name": "Id"
9           },
10 ▾        {
11            "name": "Username"
12          },
13 ▾        {
14            "name": "LastName"
15          },
16 ▾        {
17            "name": "FirstName"
18          },
19 ▾        {
20            "name": "Name"
21          },
22 ▾        {
23            "name": "CompanyName"
24          },
25 ▾        {
26            "name": "Division"
27          },
28 ▾        {
29            "name": "Department"
30          },
31 ▾        {
32            "name": "Title"
33          },
34 ▾        {
35            "name": "Alias"
```

Save Dataflow

Generate Replication Dataflow

For more details on replication (pilot feature) refer to:
https://resources.docs.salesforce.com/202/latest/en-us/sfdc/pdf/salesforce_analytics_replication_tipsheet.pdf

Settings Page

Added a UI for configuring HTTP Proxy and other Connection settings. Previously this involved manually editing the settings.json file.

Proxy User

Enter Proxy User...

Password

Enter Proxy password...

Proxy Domain (NTLM Proxy Only)

Enter Proxy Domain...

Proxy Host

Enter the proxy Host...

Proxy Port

0

Timeout (Seconds)

540

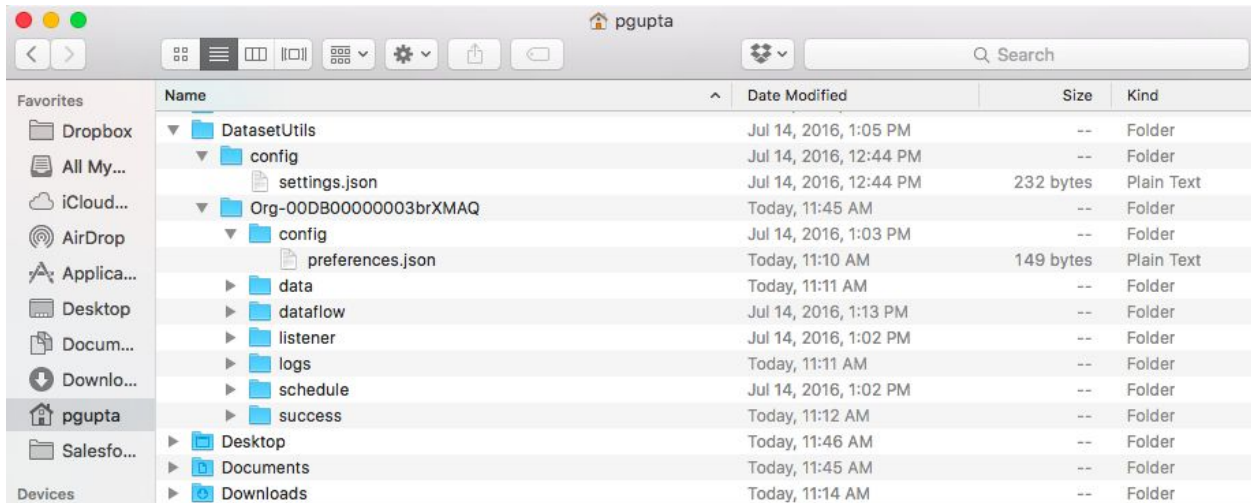**Connection Timeout (Seconds)**

60

Disable Compression

Enable Debug

Save Settings

Alternative Home for Storing Config

The UI now uses the ${user.home}/DatasetUtils directory for storing data and metadata. The command line still uses the current directory as its home. In this directory you will find all the files you have uploaded with their metadata. You will also find the settings and preference JSON files.

Bug Fixes

1. Fixed an issue with the list dataflows page that was broken with Summer '17 release.
2. Fixed an issue with the date detection of short form date fields ('mm/dd/yy').
3. Fixed an issue where the file column separator was not being detected correctly. Now column detection is only used when file has .txt extension. For CSV files it is assumed to be comma ','.
4. Increased performance for detecting column types of CSV files.
5. Fixed an issue where the jar would exit with a success status code even if the file upload failed.