

# Installing Deloitte Frameworks

Create Admin User (if doesn't exist yet)

First Name: Admin

Last Name: User

email: [david.browaeys-ext@syensqo.com](mailto:david.browaeys-ext@syensqo.com) please confirm email with Dina Mendez for production

username: [admin.user@syensqo.com](mailto:admin.user@syensqo.com)<sandbox\_suffix>

Profile: System Administrator

Complete account verification.

**ALL schedule jobs must be running as the admin user. so execute all the below as admin user.**

Install pkg-core for System Admin Only:

[Deploy to PROD](#)

[Deploy to Sandbox](#)

## Post Installation

### 1. Trigger Activation Settings

Once the package is installed, you must configure the **TRG\_TriggerActivationSettings\_\_c**. To do so, you must go to **Setup | Develop | Custom Settings | Manage TRG Trigger Activation Settings**.

Action	Label ↑	Visibility	Settings Type	Namespace Prefix
<a href="#">Edit</a>   <a href="#">Del</a>   <a href="#">Manage</a>	<a href="#">LOG_LogMessageSettings</a>	Public	List	
<a href="#">Edit</a>   <a href="#">Del</a>   <a href="#">Manage</a>	<a href="#">TRG_TriggerActivationSettings</a>	Protected	Hierarchy	

### 2. Log Messages

#### Setup the Apex Batch to delete log:

If you want to automatically delete the logs after a certain number of days, follow the below steps.

In order to do so follow the following steps:

- Navigate in **Setup -> Apex Classes**
- Click on **Schedule Apex**
- Provide the following info:
  - Job Name: **LOG – Logs Cleansing**
  - Apex Class: **LOG\_DeleteLogMessagesScheduler**
  - Select the schedule frequency and time which fits best your project (once a week at night)
  - Save

You can see your scheduled job in **Monitoring | Scheduled Jobs**

Once the package is installed, you must configure the LOG\_LogMessageSettings. To do so, you must go to Setup | Develop | Custom Settings | Manage LOG\_LogMessageSettings.

Then click on New and Enter as follow

## LOG\_LogMessageSettings Edit

Provide values for the fields you created. This data is cached with the application.

**Edit LOG\_LogMessageSettings** Save Save & New Cancel

**LOG\_LogMessageSettings Information**

Name	<input type="text" value="LOG_LogMessageSettings"/>
Create Log Record For Platform Event	<input checked="" type="checkbox"/>
Debug	<input checked="" type="checkbox"/>
Error	<input checked="" type="checkbox"/>
Info	<input checked="" type="checkbox"/>
Log Purge	<input type="text" value="90"/>
Use Platform Event	<input checked="" type="checkbox"/>
Warning	<input checked="" type="checkbox"/>

### 3. Unit of Work

Once the package is installed, you must configure the UTL\_UnitOfWorkSettings. To do so, you must go to Setup | Develop | Custom Settings | Manage UTL\_UnitOfWorkSettings.

Click on New and Save directly

Install Job Engine for System Admin Only:

[Deploy to PROD](#)  
[Deploy to Sandbox](#)

Post Installation Steps:

Navigate to the **JOB\_JobEngineSettings\_\_c** hierarchical custom setting and be sure to create an instance for your organization.

Click on new for the organization and fill up as follow

### JOB\_JobEngineSettings Edit

Provide values for the fields you created. This data is cached with the application.

Edit JOB\_JobEngineSettings Save Cancel

#### JOB\_JobEngineSettings Information

Location	Deloitte Belgium Nuggets
Batch Size	100
Flex Queues Jobs Nr Limit	4
Retention Duration (in days)	10
Time Interval (minutes)	5
SF Function Com Layer Classname	JOB_EXT_SfFunctionComL
CPU Usage Limit (%)	70
Callout Limit (%)	70
DML Rows Limit (%)	70
DML Limit (%)	70
Heap Size Usage Limit (%)	70
Query Rows Limit (%)	70
SOQL Limit (%)	70
Remaining Future Limit	5
Always create Job in Job__c table	<input checked="" type="checkbox"/>
Save Point Limit (%)	90
Max Stack Depth Queueable	1000
Threads Number	3
Disable Job Engine Scheduler	<input type="checkbox"/>

In order to initiate the Job Engine, access to the **Job Engine** application and click on the **Job Engine Setup** tab.

If the Job Engine is already scheduled, you will see when is the next scheduled time at the screen and no further action is needed. If the batch is not scheduled, simply click on the **Schedule Job** button.

Jobs Engine | Job Engine Setup | Jobs

### Job Engine Setup

#### JOB - Configure Job Engine

The Job engine is not scheduled yet. Do you want to schedule it?

[Schedule Job](#)

In order to apply the retention policy defined in the custom settings (see section 2), the cleansing job must be scheduled on a daily basis.

In order to do so follow the following steps:

- Navigate in **Setup -> Apex Classes**
- Click on **Schedule Apex**
- Provide the following info:
  - Job Name: **JOB – Jobs Cleansing**
  - Apex Class: **JOB\_Jobs\_Deletion\_Scheduler**
  - Select the schedule frequency and time which fits best your project (daily at night)
  - Save

## Schedule Apex [Help for this Page](#)

Schedule an Apex class that implements the 'Schedulable' interface to be automatically executed on a weekly or monthly interval.

Job Name:

Apex Class:

Schedule Apex Execution

Frequency:  Weekly  Monthly

Recurs every week on

- Sunday
- Monday
- Tuesday
- Wednesday
- Thursday
- Friday
- Saturday

Start:  [ 2/08/2022 ]

End:  [ 2/08/2022 ]

Preferred Start Time:

Exact start time will depend on job queue activity.

Install Integration Framework for System Admin Only:

[Deploy to PROD](#)  
[Deploy to Sandbox](#)

Install UI Library for Admin only

[Deploy to PROD](#)  
[Deploy to Sandbox](#)

Install Transformation Engine for Admin only

[Deploy to PROD](#)  
[Deploy to Sandbox](#)

**Setup the Custom Settings**

Once the package is installed, you must configure the TRG\_TriggerActivationSettings\_\_c. To do so, you must go to **Setup | Develop | Custom Settings | Manage TRG Trigger Activation Settings**.

**Custom Settings**

Use custom settings to create and manage custom data at the organization, profile, and user levels. Custom formula fields, Visualforce, Apex, and the Force.com Web Services API.

Percentage of custom settings data used: 0%  
You are currently using 0 MB of custom settings data in your organization, out of an allowed limit of 10 MB.

View: All Create New View

Action	Label ↑	Visibility	Settings Type	Namespace Prefix
Edit   Del   <b>Manage</b>	LOG_LogMessageSettings	Public	List	
Edit   Del   Manage	TRG_Trigger Activation Settings	Protected	Hierarchy	

Custom Setting  
**TRG Trigger Activation Settings**

If the custom setting is a list, click **New** to add a new set of data. For example, for country codes, each set might include the country's name and dialing code.

If the custom setting is a hierarchy, you may want different values to display depending on whether a specific profile, or just a general user.

**Org Level Setting**

New

▼ Default Organization Level Value  
**Profile/User/Level Setting**

View: All Create New View

A B C D E F G H I J K L M N O P Q

New

Setup Owner ↑

No records to display.

## Assign Mapping Node Record Types & Page Layout

The Mapping Node object has several record type. However record type access and page layout assignment are managed at the Profile Level. So once the unlock package is deployed, there is a high chance that assignment is not setup correctly.

### 1. Assign Mapping Node Record Types to Admin Profiles

For each admin profiles (that will have to setup and configure the transformation engine configurations), be sure to add the access to all the record types:

- Go to the Record Type Settings Section
- Search for the Mapping Node object
- Add access the following Record Types:
  - Custom Apex
  - Object Lookup
  - List
  - Primitive Data Type
- Remove access to the Master Record Type

### 1. Assign Mapping Node Record Types Page Layout Assignment for all Profiles

Assign to each Mapping Node record type, its corresponding page layout.

- Navigate to Object Manager
- Search for Mapping Node
- Click Page Layouts
- Click Page Layout Assignment

Assign for each record type, its associated page layout. Do it for all the profiles,

Install Extended Integration Framework for Admin only

[Deploy to PROD](#)

[Deploy to Sandbox](#)