

ID Generator Field

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Introduction

The **ID Generator Field** is used to produce a running number based on an [Environment variable](#). To learn more about its usage, refer to [Generate Reference ID](#).



You will only need to do this if you are using MySQL, as other databases already default to "READ-COMMITTED".

Run the following queries in MySQL.

```
SET GLOBAL tx_isolation='READ-COMMITTED';  
SET SESSION tx_isolation='READ-COMMITTED';
```

You will also need to set the following in your `my.cnf/my.ini` file.

```
[mysqld]  
transaction-isolation = READ-COMMITTED
```

Get Started

The easiest way to see how the ID Generator Field works are to use the existing built-in App Expenses Claims. Here are the steps:

1. Start the **Joget Server** and open the **App Center**.
2. Log in as **admin** and click on the pencil icon on the **Expenses Claim** to open the Design App. (see Figure 1)

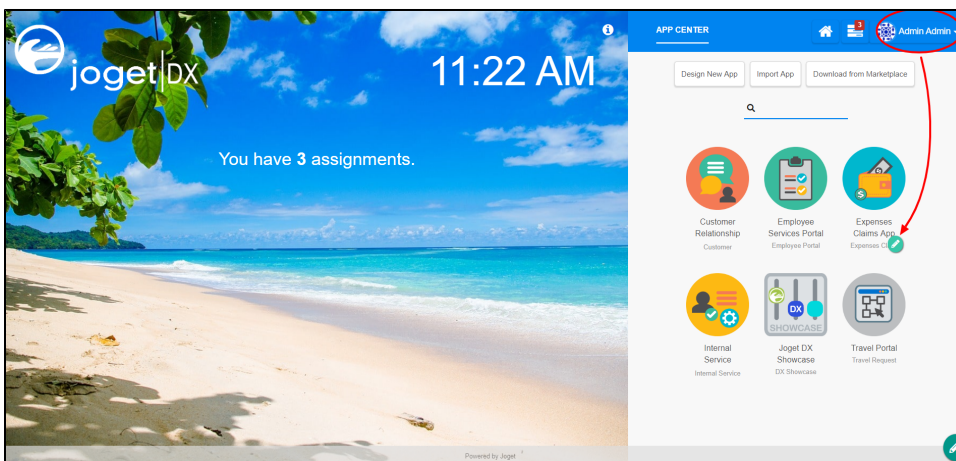


Figure 1

3. Under **FORMS** column, click on **Expense Claim New** (see Figure 2)

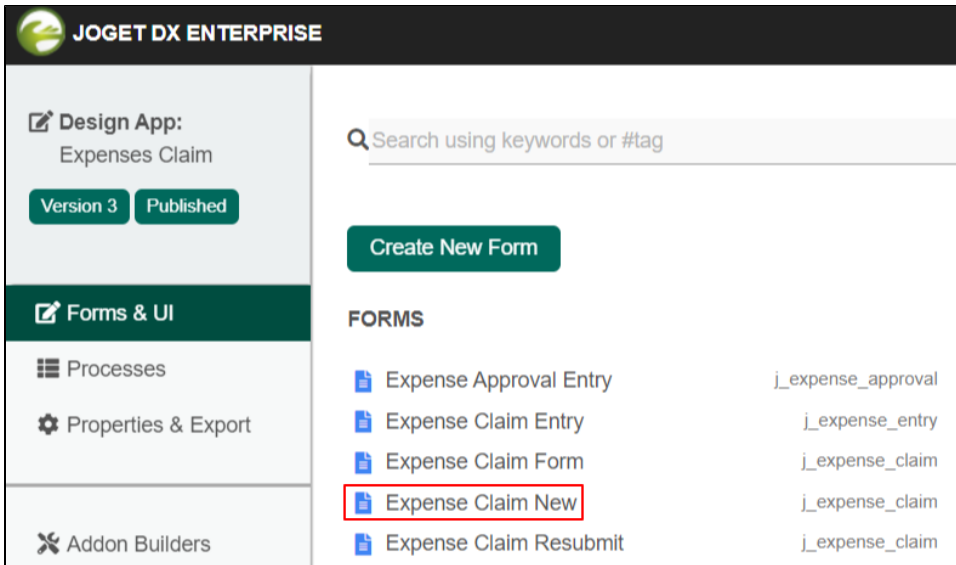


Figure 2

4. Hover the mouse over the ID Generator Field element on the canvas and click on **Edit** to open up the Edit ID Generator Field properties. (see Figure 3)

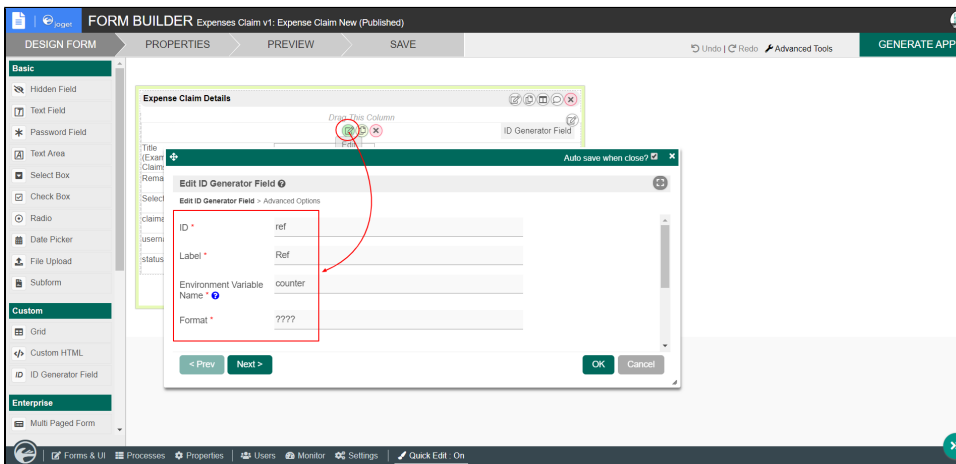
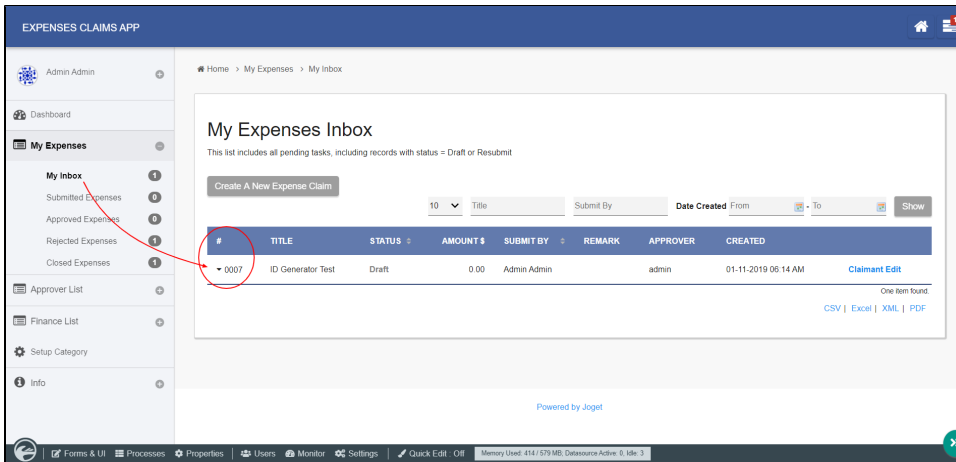


Figure 3

5. Take note of the **Format**
6. To see it working, head back to the **Design App** and click the **Launch** button in the **Userview** column.
7. Click on **Create a New Expense Claim** button on the **Dashboard**, fill up the necessary details and click **Continue Next Screen** button.
8. Click on **Save As Draft** button.
9. Go to **My Expenses** on the menu to the left and click on **My Inbox**. Here you can see the ID generator has generated a 4 digit running number (as defined in the Format field in steps 4 & 5) under the **#** column. (see Figure 4)



ID Generator Field Properties

Edit ID Generator Field

+

Auto save when close?

✕

Edit ID Generator Field ?

✕

Edit ID Generator Field > Advanced Options

ID *

ref

Label *

Ref

Environment Variable Name * ?

counter

Format *


????

< Prev

Next >

OK

Cancel

Name	Description
ID	<p>Element ID (By declaring as "ref", a corresponding database table column "c_ref" will be created)</p> <p>Please see Form Element for more information about defining the ID and list of reserved IDs.</p> <div>  Note when using this element when the form is part of a workflow process <p>Do not set the id as "id" when the form is used as part of a workflow process. The value generated by this element will not be associated with the process instance's ID.</p> </div>
Label	Element Label to be displayed to the end-user.
Environment Variable Name	Name of the environment variable to be used to keep the running number.

Format	Determines the pattern of the generated value (e.g., "REF-?????" will yield "REF-00001")
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Advanced Options

Auto save when close? ☒

Advanced Options

Edit ID Generator Field > Advanced Options

UI

Hidden? ☒

Workflow

Workflow Variable

< Prev

Next >

OK

Cancel

Name	Description
Hidden?	Determines if the element should be made visible in the form.
Workflow Variable	<div>If the form is part of a workflow process, upon saving of the form (by clicking on "Save as Draft" or "Complete" button). The value in this input field will be saved into the corresponding workflow variable named here.</div> <div><div><div></div><div>Using a non-existent Workflow Variable name</div></div><div>You will get the following warning with the name printed out (e.g. status) in the server log if you attempt to map to a non-existent Workflow Variable.</div><div><pre>context attribute status does not exist in process context - adding new attributes to the process context is not allowed</pre></div></div>