Sandbox Post-refresh Masking Scripts
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Once installed, create custom metadata records for each field you wish
to mask in the database:

Setup->Develop->Custom Metadata Types
Click "Manage Records" into the "Data Masking Configuration" record
Create or delete records for each field you wish to mask / scramble

The package includes an example for each type of masking:

Account Application Date - Random Date
        - adds a random number of months, days, and years to the date
that is already in the field
Case Description - Custom String = "XXXXXX"
        - adds the string from the metadata record into the specified
field
Contact Email - Random Email
        - places a random x@x.data email address, where the x's are
random strings
Contact Pardot Comments - Random String
        - places a random string the same length as the text in the
original field up to the first space
Contact Phone - Random Phone
        - places a random phone number into the field

If you want this process to run more than one apex class for the
sandbox post-refresh, then you can create a metadata record with the
apex class name.

Setup->Develop->Custom Metadata Types
Click "Manage Records" into the "Post Copy Task" record
Create or delete or activate/inactivate records for each apex class
you want to invoke & set the sequence #. The label is what will be
used to find the class to be executed

The package includes the apex class for masking, so has the record for
"SBX_PostCopyDataMasker"

Any errors will be visible / logged into the custom object "Automation
Task Log"

Included in the package:

Apex Classes
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SBX_PostCopyWorkerFactory
SBX_PostCopyWorkerFactoryTest
SBX_PostCopyWorker
SBX_PostCopyUtil
SBX_PostCopyManager
SBX_PostCopyManagerTest
SBX_BatchMaskSandboxData
SBX_BatchMaskSandboxDataTest

Metadata Objects
————————————————
Post Copy Task
Data Masking Configuration

Custom Object
—————————————
Automation Task Log

Validation Rules
————————————————
Data Masking Configuration — require masking text conditionally

Metadata Records
————————————————
Post Copy Task — SBX_PostCopyDataMasker
Data Masking Configuration — Account_Application_Date
Data Masking Configuration — Case_Description
Data Masking Configuration — Contact_Email
Data Masking Configuration — Contact_Pardot_Comments
Data Masking Configuration — Contact_Phone

Help File — this document in a new folder "Sandbox Post-Refresh Masking"

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To run via debug window:

```
public class MockSandboxContext implements SandboxContext {
    public ID organizationID(){
        return UserInfo.getOrganizationId();
    }
    public ID sandboxID(){
        return UserInfo.getOrganizationId();
    }
    public ID sandboxName(){
        return UserInfo.getOrganizationId();
    }
```

```
}
SandboxContext context = new MockSandboxContext();
new SBX_PostCopyManager().runApexClass(context);
```

To check status via query editor:

```
select id, entitytype__c, entityname__c, status__c, error_message__c
from automation_task_log__c
```