Apex Classes | Salesforce × +

← → C ⌂ 🔒 shumon-dev-ed.lightning.force.com/lightning/setup/ApexClasses/page?address=%2F01p2w00000M3a1W   ☆ 🟥 ✦ 😊 Incognito

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SETUP
Apex Classes

Apex Class
AccountTriggerHelper

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Apex Class Detail   [Edit] [Delete] [Download] [Security] [Show Dependencies]

Name	AccountTriggerHelper	Status: Active
Namespace Prefix		Code Coverage: 0% (0/6)
Created By	Shumon Saha , 16/01/2022, 4:34 pm	Last Modified By: Shumon Saha , 16/01/2022, 4:52 pm

| Class Body | Class Summary | Version Settings | Trace Flags |

```
1   public without sharing class AccountTriggerHelper {
2       public AccountTriggerHelper() {
3           System.debug('Inside AccountTriggerHelper Constructor');
4       }
5       public void doTask1() {
6           System.debug('Inside Task 1');
7       }
8       public void doTask2() {
9           System.debug('Inside Task 2');
10      }
11      public void doTask3() {
12          System.debug('Inside Task 3');
13      }
14      public void doTask4() {
15          System.debug('Inside Task 4');
16      }
17      public void doTask5() {
18          System.debug('Inside Task 5');
19      }
20  }
```
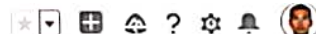
[Edit] [Delete] [Download] [Security] [Show Dependencies]

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Apex Trigger

AccountTrigger

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Apex Trigger Detail

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Name	AccountTrigger	**sObject Type**	Account
Code Coverage	0% (0/17)	**Status**	Active
Created By	Shumon Saha, 16/01/2022, 4:38 pm	**Last Modified By**	Shumon Saha, 16/01/2022, 4:38 pm
Namespace Prefix			

Apex Trigger   Version Settings   Trace Flags

```
1  trigger AccountTrigger on Account (before insert, before update, before delete, after insert, after update, after delete, after undelete) {
2      if (Org_Specific_Setting__mdt.getInstance('Run_All_Triggers')?.Value__c == true) {
3          TriggerHandler handler = new AccountTriggerHandler(Trigger.isExecuting, Trigger.size);
4          switch on Trigger.operationType {
5              when BEFORE_INSERT {
6                  handler.beforeInsert(Trigger.new);
7              }
8              when BEFORE_UPDATE {
9                  handler.beforeUpdate(Trigger.old, Trigger.new, Trigger.oldMap, Trigger.newMap);
10             }
11             when BEFORE_DELETE {
12                 handler.beforeDelete(Trigger.old, Trigger.oldMap);
13             }
14             when AFTER_INSERT {
15                 handler.afterInsert(Trigger.new, Trigger.newMap);
16             }
17             when AFTER_UPDATE {
18                 handler.afterUpdate(Trigger.old, Trigger.new, Trigger.oldMap, Trigger.newMap);
19             }
20             when AFTER_DELETE {
21                 handler.afterDelete(Trigger.old, Trigger.oldMap);
22             }
23             when AFTER_UNDELETE {
24                 handler.afterUndelete(Trigger.new, Trigger.newMap);
25             }
26         }
27     }
28 }
```

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SETUP
Apex Classes

Apex Class
TriggerHandler

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Apex Class Detail

[Edit] [Delete] [Download] [Security] [Show Dependencies]

Name	TriggerHandler		Status	Active
Namespace Prefix			Created By	Shumon Saha , 16/01/2022, 4:35 pm
Last Modified By	Shumon Saha , 16/01/2022, 4:35 pm			

Class Body | Class Summary | Version Settings | Trace Flags

```
1   public interface TriggerHandler {
2       void beforeInsert(List <SObject> newRecords);
3       void beforeUpdate(List<SObject> oldRecords, List<SObject> newRecords, Map<ID, SObject> oldRecordMap, Map<ID, SObject> newRecordMap);
4       void beforeDelete(List<SObject> oldRecords, Map<ID, SObject> oldRecordMap);
5       void afterInsert(List<SObject> newRecords, Map<ID, SObject> newRecordMap);
6       void afterUpdate(List<SObject> oldRecords, List<SObject> newRecords, Map<ID, SObject> oldRecordMap, Map<ID, SObject> newRecordMap);
7       void afterDelete(List<SObject> oldRecords, Map<ID, SObject> oldRecordMap);
8       void afterUndelete(List<SObject> newRecords, Map<ID, SObject> newRecordMap);
9   }
```

[Edit] [Delete] [Download] [Security] [Show Dependencies]

4:45 PM
Sunday, 16 January 2022

Apex Class
AccountTriggerHandler

Apex Class Detail

Edit | Delete | Download | Security | Show Dependencies

Name	AccountTriggerHandler	Status	Active
Namespace Prefix		Code Coverage	0% (0/25)
Created By	Shumon Saha , 16/01/2022, 4:37 pm	Last Modified By	Shumon Saha , 16/01/2022, 4:3

| Class Body | Class Summary | Version Settings | Trace Flags |

```
1    public without sharing class AccountTriggerHandler implements TriggerHandler {
2        private boolean triggerIsExecuting;
3        private integer triggerSize;
4        public AccountTriggerHelper helper;
5        public AccountTriggerHandler(boolean triggerIsExecuting, integer triggerSize) {
6            this.triggerIsExecuting = triggerIsExecuting;
7            this.triggerSize = triggerSize;
8            this.helper = new AccountTriggerHelper();
9        }
10       public void beforeInsert(List<Account> newAccounts) {
11           helper.doTask1();
12           helper.doTask2();
13       }
14       public void beforeUpdate(List<Account> oldAccounts, List<Account> newAccounts, Map<ID, SObject> oldAccountMap, Map<ID, SObject> newAccountMap) {
15           helper.doTask3();
16           helper.doTask4();
17       }
18       public void beforeDelete(List<Account> oldAccounts, Map<ID, SObject> oldAccountMap) {
19           helper.doTask5();
20           helper.doTask1();
21       }
22       public void afterInsert(List<Account> newAccounts, Map<ID, SObject> newAccountMap) {
23           helper.doTask2();
24           helper.doTask3();
25       }
26       public void afterUpdate(List<Account> oldAccounts, List<Account> newAccounts, Map<ID, SObject> oldAccountMap, Map<ID, SObject> newAccountMap) {
27           helper.doTask4();
28           helper.doTask5();
29       }
30       public void afterDelete(List<Account> oldAccounts, Map<ID, SObject> oldAccountMap) {
31           helper.doTask3();
32           helper.doTask1();
33       }
34       public void afterUndelete(List<Account> newAccounts, Map<ID, SObject> newAccountMap) {
35           helper.doTask4();
36           helper.doTask2();
37       }
38   }
```

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SETUP
Custom Metadata Types

Org-Specific Setting

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Org-Specific Setting Edit | Save | Save & New | Cancel |

Information   ❘ = Required Information

Label	Run All Triggers		Protected Component	☐ ⓘ
Org-Specific Setting Name	Run_All_Triggers	ⓘ
Value	☑

| Save | Save & New | Cancel |

4:29 PM
Sunday, 16 January 2022