



GEN_DataCleanUpBatchClass

| Class Body | Class Summary | Version Settings | Trace Flags | Status | Active |
|------------|--|--|-------------|------------------|------------------|
| | Name GEN_DataCleanUpBatchClass Namespace Prefix | Created By Continuous Integration , 09/12/2016 17:16 | | Code Coverage 0% | No coverage data |
| | Last Modified By Continuous Integration_2 , 19/04/2024 17:06 | | | | |
| 1 | /* Name: GEN_DataCleanUpBatchClass.cls | | | | |
| 2 | Description: Batch class to delete sObject records for clean up purpose | | | | |
| 3 | Data Version Author Summary of Changes | | | | |
| 4 | Nov 2016 1.0 Swapnil Mane Initial Release[BREQ-16-08672 - BREQ-012] | | | | |
| 5 | Oct 2016 1.1 Pankaj Patkar PROJ-1834243 BREQ-053 - Delete reports not run for last 1 year | | | | |
| 6 | Apr 2019 1.2 Pallav Shevade SR-0361738 Add@Static Variable IsGEN_DataCleanUpBatchClassRunning | | | | |
| 7 | Sep 2019 2.0 Harshad Bhangale PROJ-1620010 US-618 Optimise-GEN_DataCleanUpBatchClass introduced single object recurring mode option so it will run for a particular object until there are no records available for that object. | | | | |
| 8 | Oct 2019 2.1 Harshad Bhangale SR-00425998 - HyperCare SR fix. | | | | |
| 9 | Apr 2019 2.2 Pankaj Patkar PROJ-1834243 BREQ-053 - Changed logic to pickup object based on isSandbox and isProduction fields of custom setting instead of using number. | | | | |
| 10 | Mar 2020 2.3 Dikya Mahajan PROJ-2047175 BREQ-431 Velocity Condition of Additional_Where_Clause_3_c in custom setting as well as in code | | | | |
| 11 | Dec 2020 2.4 Patil Giriraj PROJ-205772 - US-114(GDPR) Data Privacy Lead & Contact management Individual Object | | | | |
| 12 | Mar 2021 2.5 Pankaj Patkar PROJ-1620010 US-618 Optimise-GEN_DataCleanUpBatchClass | | | | |
| 13 | Apr 2021 2.6 Amit Borad PROJ-1620010 US-618 Optimise-GEN_DataCleanUpBatchClass | | | | |
| 14 | Feb 2023 3.0 Shivam Vishwakarma US-ID: 0007416 DataCleanup Batch-ATA Request Entry Criteria change | | | | |
| 15 | Mar 2023 3.12 Sushil Patel US-ID: 0007416 DataCleanup Batch-ATA Request Entry Criteria change | | | | |
| 16 | Mar 2024 4.0 Shilpa US-ID: 0013864 Apex Code Optimisation - Intefication - beautification(Part 1 of 5) | | | | |
| 17 | /* | | | | |
| 18 | /prettier-ignore | | | | |
| 19 | 20 global class GEN_DataCleanUpBatchClass implements Database.Batchable<sObject>,Database.Limits,Database.Stateful{ | | | | |
| 21 | 21 //PROJ-19430221 BREQ-0017 - Harshad - Introduced new variables. | | | | |
| 22 | 22 Integer sequence; | | | | |
| 23 | 23 Boolean IsListEmpty; | | | | |
| 24 | 24 Boolean IsRecurringObject; | | | | |
| 25 | 25 Integer DataCleanUpConfigName; | | | | |
| 26 | 26 //PROJ-19430221 BREQ-0017 - end | | | | |
| 27 | 27 CSH_PDM_Batch_Config__c dataCleanUpConfig=new CSL_DataCleanUpConfig__c; | | | | |
| 28 | 28 Boolean IsSandbox=IsGEN_DataCleanUpBatchClassRunning(get;set); | | | | |
| 29 | 29 String apiVersion; | | | | |
| 30 | 30 Integer batchSize; | | | | |
| 31 | 31 Integer initBatchSize=0; | | | | |
| 32 | 32 List<Object> objList; | | | | |
| 33 | 33 Integer batchGroupNumber;/Added a New field to segregate the Objects into multiple separate groups via the Batch_Group_Number__c field in CSL_DataCleanUpConfig__c. | | | | |
| 34 | 34 /* | | | | |
| 35 | 35 /prettier-ignore | | | | |
| 36 | 36 CSH_PDM_Batch_Config__c dataCleanUpConfig=new CSL_DataCleanUpConfig__c; | | | | |
| 37 | 37 Boolean IsSandbox=IsGEN_DataCleanUpBatchClassRunning(get;set); | | | | |
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| 43 | 43 /* | | | | |
| 44 | 44 /prettier-ignore | | | | |
| 45 | 45 Boolean IsRecurringObject; | | | | |
| 46 | 46 Integer DataCleanUpConfigName; | | | | |
| 47 | 47 //PROJ-19430221 BREQ-0017 - end | | | | |
| 48 | 48 CSH_PDM_Batch_Config__c dataCleanUpConfig=new CSL_DataCleanUpConfig__c; | | | | |
| 49 | 49 Boolean IsSandbox=IsGEN_DataCleanUpBatchClassRunning(get;set); | | | | |
| 50 | 50 String apiVersion; | | | | |
| 51 | 51 Integer batchSize; | | | | |
| 52 | 52 public string getSessionId(){ | | | | |
| 53 | 53 //Http://localhost:8080 | | | | |
| 54 | 54 //prettier-ignore | | | | |
| 55 | 55 HND_Integration_ConfigurationHandler integrationConfigurationHandler=(HND_Integration_ConfigurationHandler)HND_HandlerFactory.getHandlerInstance(Integration_Configuration__c sObjectType); | | | | |
| 56 | 56 List<Integration_Configuration__c> integrationConfigurationList=integrationConfigurationHandler.getIntegrationConfigurationByName(new Set<String>{GEN_Constants.PDM_METADATA_SERVICE_AUTHENTICATION}); | | | | |
| 57 | 57 CSH_PDM_Batch_Config__c dataCleanUpConfig=new CSH_PDM_Batch_Config__c(); | | | | |
| 58 | 58 //CSH_PDM_Batch_Config__c dataCleanUpConfig.setOrgId('US-114(GDPR)'); | | | | |
| 59 | 59 dataCleanUpConfig.setUrl('https://'+getSalesforceBaseUrl().toExternalForm()); | | | | |
| 60 | 60 //prettier-ignore | | | | |
| 61 | 61 HttpsRequest req=new HttpRequest(); | | | | |
| 62 | 62 req.setEndpoint('https://'+getSalesforceBaseUrl()+'services/oauth2/token'); | | | | |
| 63 | 63 req.setMethod('POST',METHOD_POST); | | | | |
| 64 | 64 req.setEncoding('UTF-8'); | | | | |
| 65 | 65 req.setTimeout(10000); | | | | |
| 66 | 66 req.setHeader('Content-Type','application/x-www-form-urlencoded'); | | | | |
| 67 | 67 /prettier-ignore | | | | |
| 68 | 68 req.setBody('grant_type=password&client_id='+PDMBatchDetails.Consumer_Key__c+'&client_secret=' +PDMBatchDetails.Consumer_Secret__c +'&username=' +integrationConfigurationList[0].username__c +'&password=' +integrationConfigurationList[0].Password__c); | | | | |
| 69 | 69 //prettier-ignore | | | | |
| 70 | 70 HttpsResponse response=new HttpResponse(); | | | | |
| 71 | 71 if(response.getStatusCode()!=200){ | | | | |
| 72 | 72 //If test is running then response.setBody('{"access_token": "access_token"}'); | | | | |
| 73 | 73 //prettier-ignore | | | | |
| 74 | 74 Map<String, Object> mapBody=(Map<String, Object>)JSON.deserializeUntyped(response.getBody()); | | | | |
| 75 | 75 if(getSessionId() != mapBody.get('access_token')){response.setBody("{'access_token':"+mapBody.get('access_token')+"'}");} | | | | |
| 76 | 76 //PROJ-1620010 US-618 Optimise-GEN_DataCleanUpBatchClass | | | | |
| 77 | 77 /* | | | | |
| 78 | 78 /prettier-ignore | | | | |
| 79 | 79 if(response.getStatusCode()!=200){ | | | | |
| 80 | 80 //prettier-ignore | | | | |
| 81 | 81 if(response.isError()&&response.getStatusCode()==200){ | | | | |
| 82 | 82 Application_Log__c logEntry=new Application_Log__c(); | | | | |
| 83 | 83 logEntry.setObject('DataCleanup Batch job Exception',Message__c='Status = '+Failed+'Check Cleanup batch report deletion authentication error'); | | | | |
| 84 | 84 insert logEntry; | | | | |
| 85 | 85 return sessionId; | | | | |
| 86 | 86 //prettier-ignore | | | | |
| 87 | 87 else{ | | | | |
| 88 | 88 //prettier-ignore | | | | |
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| 90 | 90 logEntry.setObject('DataCleanup Batch job Exception',Message__c='Status = '+Failed+'Check Cleanup batch report deletion authentication error'); | | | | |
| 91 | 91 insert logEntry; | | | | |
| 92 | 92 return null; | | | | |
| 93 | 93 } | | | | |
| 94 | 94 /* | | | | |
| 95 | 95 //Author: Pankaj Patkar | | | | |
| 96 | 96 * Date: Oct 2018 | | | | |
| 97 | 97 * Description: Get latest api version. For the BREQ # PROJ-1834243 BREQ-053 implementation | | | | |
| 98 | 98 */ | | | | |
| 99 | 99 public String getLatestApiVersion(){ | | | | |
| 100 | 100 //PROJ-19430221 BREQ-0017 - Harshad - Changed the parameters for the constructor. | | | | |
| 101 | 101 global GEN_DataCleanUpBatchClass(String DataCleanUpConfigItemName, Integer DataCleanUpConfigItemNumber, Boolean isSingleObjectRunningMode, Integer DataCleanUpBatchGroupNumber){ | | | | |
| 102 | 102 } | | | | |
| 103 | 103 //Constructor | | | | |
| 104 | 104 Application_Log__c logEntry=new Application_Log__c(); | | | | |
| 105 | 105 logEntry.setObject('DataCleanup Batch job Exception',Message__c='Status = '+Failed+'Get latest api version'); | | | | |
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| 110 | 110 HND_Integration_ConfigurationHandler integrationConfigurationHandler=(HND_Integration_ConfigurationHandler)HND_HandlerFactory.getHandlerInstance(Integration_Configuration__c sObjectType); | | | | |
| 111 | 111 List<Integration_Configuration__c> integrationConfigurationList=integrationConfigurationHandler.getIntegrationConfigurationByName(new Set<String>{GEN_Constants.PDM_METADATA_SERVICE_AUTHENTICATION}); | | | | |
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| 113 | 113 //CSH_PDM_Batch_Config__c dataCleanUpConfig.setOrgId('US-114(GDPR)'); | | | | |
| 114 | 114 dataCleanUpConfig.setUrl('https://'+getSalesforceBaseUrl().toExternalForm()); | | | | |
| 115 | 115 //prettier-ignore | | | | |
| 116 | 116 HttpsRequest req=new HttpRequest(); | | | | |
| 117 | 117 req.setEndpoint('https://'+getSalesforceBaseUrl()+'services/oauth2/token'); | | | | |
| 118 | 118 req.setMethod('POST',METHOD_POST); | | | | |
| 119 | 119 req.setEncoding('UTF-8'); | | | | |
| 120 | 120 req.setTimeout(10000); | | | | |
| 121 | 121 req.setHeader('Content-Type','application/x-www-form-urlencoded'); | | | | |
| 122 | 122 /prettier-ignore | | | | |
| 123 | 123 req.setBody('grant_type=password&client_id='+PDMBatchDetails.Consumer_Key__c+'&client_secret=' +PDMBatchDetails.Consumer_Secret__c +'&username=' +integrationConfigurationList[0].username__c +'&password=' +integrationConfigurationList[0].Password__c); | | | | |
| 124 | 124 //prettier-ignore | | | | |
| 125 | 125 HttpsResponse response=new HttpResponse(); | | | | |
| 126 | 126 if(response.getStatusCode()!=200){ | | | | |
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| 128 | 128 if(response.isError()&&response.getStatusCode()==200){ | | | | |
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