Question
· Apr 24, 2018

Custom Purge Job

I want to create an interface specific purge job. Please let me know if there are any holes in my approach. I realize that an interface that went from HospitalAService to HospitalARouter to PracticeBOperation would require two separate executes in my example below, but I want that granularity as there are some intermediate steps in our workflows that we don't need to retain messages for.

1. Create a custom scheduled task that extends Ens.MessageHeader
2. Overwrite the Purge function select statements
    a. Integrity
        i. Old
            - DECLARE C1 CURSOR FOR
              Select TOP 100000000 ID,MessageBodyId,MessageBodyClassName Into :%tID,:%tBodyId,:%tBodyClassname From Ens.MessageHeader h
              Where (TimeCreated < :%tDoNotDeleteDate)
              And 0 = (Select Count(*) From Ens.MessageHeader
              Where (SessionId = h.SessionId)
              And (Status<>$$$eMessageStatusCompleted)
              And (Status<>$$$eMessageStatusAborted)
              And (Status<>$$$eMessageStatusError)
              And (Status<>$$$eMessageStatusDiscarded)
              Order By TimeCreated
)
        ii. New

              DECLARE C1 CURSOR FOR
               Select TOP 100000000 ID,MessageBodyId,MessageBodyClassName Into :%tID,:%tBodyId,:%tBodyClassname From Ens.MessageHeader h
               Where SourceConfigName=:tSourceConfigName and TargetConfigName = :tTargetConfigName and (TimeCreated < :%tDoNotDeleteDate)
              And 0 = (Select Count(*) From Ens.MessageHeader
               Where (SessionId = h.SessionId)
               And (Status<>$$$eMessageStatusCompleted)
               And (Status<>$$$eMessageStatusAborted)
               And (Status<>$$$eMessageStatusError)
               And (Status<>$$$eMessageStatusDiscarded)
               And SourceConfigName = :tSourceConfigName
               And TargetConfigName = :tTargetConfigName

    -

                                Order By TimeCreated
)
    b. No Integrity
        i. Old

            DECLARE C2 CURSOR FOR
                                Select ID,MessageBodyId,MessageBodyClassName Into :%tID,:%tBodyId,:%tBodyClassname From Ens.MessageHeader
              Where SourceConfigName=:tSourceConfigName and TargetConfigName = :tTargetConfigName and (TimeCreated < :%tDoNotDeleteDate))
        ii. New

            DECLARE C2 CURSOR FOR

```
                                        Select ID,MessageBodyId,MessageBodyCla
ssName Into :%tID,:%tBodyId,:%tBodyClassname From Ens.MessageHeader
 Where SourceConfigName=:tSourceConfigName and TargetConfigName =
:tTargetConfigName and (TimeCreated < :%tDoNotDeleteDate))
```

#System Administration #Ensemble

Source URL:https://community.intersystems.com/post/custom-purge-job