**Index Created Merged Tracking**

CREATE TABLE [dbo].[IndexesTracking](

[Id] [int] IDENTITY(1,1) NOT NULL,

[Created] [int] NULL,

[Merged] [int] NULL,

[TrackingDate] [date] NULL

) ON [PRIMARY]

GO

USE [Search]

GO

/\*\*\*\*\*\* Object: StoredProcedure [dbo].[stp\_SearchIndex\_TurnonSearchIndexes] Script Date: 6/3/2014 6:52:57 PM \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

ALTER PROC [dbo].[stp\_SearchIndex\_TurnonSearchIndexes]

@NewIndexId INT,

@NewDocCount INT,

@NewDocSize DECIMAL(10,4),

@Indexes\_Deactivate Tp\_SearchIndexEntityType READONLY,

@GroupID INT,

@BatchGuid UNIQUEIDENTIFIER,

@AppType INT

AS

BEGIN

SET XACT\_ABORT ON

BEGIN TRANSACTION

--activate index

UPDATE SearchIndex

SET active=1,

islocked=0,

DocCount=@NewDocCount,

SizeInMb=@NewDocSize,

lastUpdate=GetDate()

WHERE indexid=@NewIndexId AND

BatchGUID=@BatchGuid AND

AppType=@AppType AND

groupnum=@GroupID

--deactivate indexes

UPDATE SearchIndex

SET active=0,

DocCount=0,

SizeInMB=0,

lastUpdate=GetDate()

WHERE indexid IN (SELECT IndexId FROM @Indexes\_Deactivate) AND

BatchGUID=@BatchGuid AND

AppType=@AppType AND

groupnum=@GroupID

--update reference in IndexLockRequestQueueItem table

UPDATE IndexLockRequestQueueItem SET NewSearchIndexID=@NewIndexId WHERE SearchIndexID in (SELECT IndexId FROM @Indexes\_Deactivate) AND IsComplete=0

--update Index Tracking Table

Declare @DeActivatedCount int = select count(\*) from @Indexes\_Deactivate

Declare @TargetDate date = Convert(date,GetDate())

DECLARE @LockResult int

EXEC @LockResult = sp\_getapplock 'IndexTracking', 'Exclusive', 'transaction', 500

IF @LockResult >= 0

BEGIN

IF EXISTS(select 1 from IndexesTracking where TrackingDate = @TargetDate)

BEGIN

update IndexesTracking set Created=Created+1,Merged=Merged+@DeActivatedCount where TrackingDate=@TargetDate

END

ELSE

BEGIN

insert into IndexesTracking values(1,@DeActivatedCount,@TargetDate)

END

EXEC sp\_releaseapplock 'IndexTracking', 'transaction'

end

COMMIT TRANSACTION

END