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USE [CW_DATA]
GO
/***** Object: UserDefinedFunction [dbo].[labIntervalCount]  Script Date: 06/13/2017 10:01:32 AM *****/
SET ANSI_NULLS ON
GO
SET QUOTED_IDENTIFIER ON
GO
ALTER FUNCTION [dbo].[labIntervalCount](
    @clientPK uniqueidentifier, @beginDate AS datetime, @endDate AS datetime, @interval AS Integer, @tstTypePK AS
    uniqueidentifier, @XMLHandle Int, @domainWide As varchar(1)
)
    RETURNS smallint AS
    BEGIN
        DECLARE @minDate as datetime
        DECLARE @intervals as Integer

        SET @intervals = 0

        if @domainWide = '1'
            BEGIN
                set @minDate = (Select min(tst_date)
                From cw_test tst
                WHERE tst.tst_cln_fk = @clientPK AND tst.tst_tst_df_fk = @tstTypePK AND tst.tst_date >= @beginDate AND tst.tst_date <=
                @endDate)

                WHILE @minDate is not NULL
                    BEGIN
                        set @intervals = @intervals + 1
                        set @minDate = (Select min(tst_date)
                        From cw_test tst
                        WHERE tst.tst_cln_fk = @clientPK AND tst.tst_tst_df_fk = @tstTypePK AND tst.tst_date >= dateadd(day, @interval, @minDate)
                        AND tst.tst_date <= @endDate)

                    End
                END
            ELSE
                BEGIN
                    set @minDate = (Select min(tst_date)
                    From cw_test tst INNER JOIN cw_report_scope as DomainTable on DomainTable.rpr_sc_dmn_fk = tst.tst_dmn_fk
                    WHERE rpr_sc_token = @XMLHandle AND tst.tst_cln_fk = @clientPK AND tst.tst_tst_df_fk = @tstTypePK AND tst.tst_date >=
                    @beginDate AND tst.tst_date <= @endDate)

                    WHILE @minDate is not NULL
                        BEGIN
                            set @intervals = @intervals + 1
                            set @minDate = (Select min(tst_date)
                            From cw_test tst INNER JOIN cw_report_scope as DomainTable on DomainTable.rpr_sc_dmn_fk = tst.tst_dmn_fk
                            WHERE rpr_sc_token = @XMLHandle AND tst.tst_cln_fk = @clientPK AND tst.tst_tst_df_fk = @tstTypePK AND tst.tst_date >=
                            dateadd(day, @interval, @minDate) AND tst.tst_date <= @endDate)

                        End
                    END

                return @intervals

            End
    END

```