SQL Server - Sp_refreshview for all views in a Database

Run in the context of each database as a _nightly or weekly job_ depending on how often your _non-schemabound_ views and underlying tables are altered.

```
1.   DECLARE @viewname NVARCHAR(255)
2.   DECLARE @looper INT = 1
3.
4.   IF OBJECT_ID('tempdb..#viewnames') IS NOT NULL
5.     BEGIN
6.       DROP TABLE #viewnames
7.     END
8.
9.   SELECT
10.       s.[name] + '.' + v.[name] vname,
11.       ID = ROW_NUMBER() OVER (PARTITION BY v.[type_desc] ORDER BY v.[name])
12.   INTO #viewnames
13.   FROM sys.views v
14.   JOIN sys.schemas s ON v.schema_id = s.schema_id
15.   WHERE OBJECTPROPERTY(OBJECT_ID, 'IsSchemaBound') = 0
16.
17.   WHILE @looper <= (SELECT COUNT(*) FROM #viewnames)
18.     BEGIN
19.       SET @viewname = (SELECT vname FROM #viewnames WHERE ID = @looper)
20.       EXEC SP_REFRESHVIEW @viewname
21.       PRINT 'Exec sp_refreshview ''' + @viewname + ''''
22.       SET @looper += 1
23.     END
```

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```
DECLARE @viewname NVARCHAR(255)

DECLARE @looper INT = 1

IF OBJECT_ID('tempdb..#viewnames') IS NOT NULL

BEGIN

DROP TABLE #viewnames

END

SELECT

    s.[name] + '.' + v.[name] vname,

    ID = ROW_NUMBER() OVER (PARTITION BY v.[type_desc] ORDER BY v.[name])

INTO #viewnames

FROM sys.views v

JOIN sys.schemas s ON v.schema_id = s.schema_id

WHERE OBJECTPROPERTY(OBJECT_ID, 'IsSchemaBound') = 0

WHILE @looper <= (SELECT COUNT(*) FROM #viewnames)

BEGIN

SET @viewname = (SELECT vname FROM #viewnames WHERE ID = @looper)

EXEC SP_REFRESHVIEW @viewname

PRINT 'Exec sp_refreshview ''' + @viewname + ''''

SET @looper += 1

END
```

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