

# Simple Profiles

## User Interface

TODO see issues.

## High level logical flow

- The profiles of each fact table is stored in 3 tables:
  - ??? .dbo .TableProfile
  - ??? .dbo .ColumnProfile
  - ??? .dbo .ColumnHistogram
  - (??? is TBD database)
- The relationship between packages and the fact tables they populate is stored in Map.PackageTable
- Map.PackageTable is populated C# app: see <https://github.com/grahamcrowell/SqlServerUtilities>
- The existing DQMF.dbo.SetAuditPkgExecution proc is extended to call new proc ??? .dbo.uspProfilePackage when @pIsProcessStart = 0
- ??? .dbo.uspProfilePackage calls ??? .dbo.uspProfileTable for each table in Map.PackageTable where PackageName = @pPkgName
- ??? .dbo.uspProfileTable populates
  - ??? .dbo .TableProfile
    - \* TableProfileDate
    - \* DatabaseName
    - \* SchemaName
    - \* TableName
    - \* RecordCount
    - \* PkgExecKey
  - ??? .dbo .ColumnProfile
    - \* ColumnProfileDate
    - \* DatabaseName
    - \* TableName
    - \* ColumnName
    - \* DistinctCount
    - \* PkgExecKey
  - ??? .dbo .ColumnHistogram
    - \* ColumnHistogramDate
    - \* DatabaseName
    - \* TableName
    - \* ColumnName
    - \* ColumnValue
    - \* ValueCount
    - \* PkgExecKey