DbScripter Requirements

2025-06-24

# Overview

* The DB scripter will create backup SQL scripts for SQL server databases.
* This process shall be controlled by a detailed configuration

# Requirements

1. The DB scripter will create backup SQL scripts for the given SQL server database
2. The DB scripter will create a single backup SQL script file for the given SQL server database which contains all the required schema objects
   1. Script file name is configurable
   2. Control: Always produce
3. The DB scripter shall be able to create individual script files
   1. Control: this is controlled by the configuration
   2. file name format
4. Individual item file file name format:
   1. The file name for the individual item files shall be specifiable as follows:

<rtn\_nm>\_<timestamp>.sql

1. rtn name: exactly as the routine name
2. timestamp shall be of the form <YYMMDD-HH-MM>

Time stamp is optional, configurable

1. Possible schema types are:
   1. Assembly
   2. Schema
   3. Table
   4. Procedure
   5. Function
   6. User defined types
2. Possible create modes are:
   1. Create
   2. Alter
   3. Drop
3. Items shall be scripted in creation dependency order