

Create database

Last Modified on 14/01/2019 9:57 am EET

If required, replace all Carillon entries with desired name of the database (for example prod_Carillon). Database settings and files can be modified but file groups created by this script are required.

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USE [master]
GO

IF NOT EXISTS (SELECT * FROM [master].[sys].[databases] WHERE name = N'Carillon')
BEGIN
    PRINT 'Create database: Carillon'
    CREATE DATABASE [Carillon] COLLATE SQL_Latin1_General_CP1_CI_AS
END
GO

IF NOT EXISTS (SELECT * FROM [Carillon].[sys].[objects] WHERE name = N'tableSystemValues' AND type in (N'U'))
BEGIN
    PRINT 'Set database settings'
    IF (1 = FULLTEXTSERVICEPROPERTY('IsFullTextInstalled'))
    BEGIN
        EXEC [Carillon].[dbo].[sp_fulltext_database] @action = 'disable'
    END
    ALTER DATABASE [Carillon] SET ANSI_NULL_DEFAULT OFF
    ALTER DATABASE [Carillon] SET ANSI_NULLS OFF
    ALTER DATABASE [Carillon] SET ANSI_PADDING OFF
    ALTER DATABASE [Carillon] SET ANSI_WARNINGS OFF
    ALTER DATABASE [Carillon] SET ARITHABORT OFF
    ALTER DATABASE [Carillon] SET AUTO_CLOSE OFF
    ALTER DATABASE [Carillon] SET AUTO_CREATE_STATISTICS ON
    ALTER DATABASE [Carillon] SET AUTO_SHRINK OFF
    ALTER DATABASE [Carillon] SET AUTO_UPDATE_STATISTICS ON
    ALTER DATABASE [Carillon] SET CURSOR_CLOSE_ON_COMMIT OFF
    ALTER DATABASE [Carillon] SET CURSOR_DEFAULT GLOBAL
    ALTER DATABASE [Carillon] SET CONCAT_NULL_YIELDS_NULL OFF
    ALTER DATABASE [Carillon] SET NUMERIC_ROUNDABORT OFF
    ALTER DATABASE [Carillon] SET QUOTED_IDENTIFIER OFF
    ALTER DATABASE [Carillon] SET RECURSIVE_TRIGGERS OFF
    ALTER DATABASE [Carillon] SET DISABLE_BROKER
    ALTER DATABASE [Carillon] SET AUTO_UPDATE_STATISTICS_ASYNC OFF
    ALTER DATABASE [Carillon] SET DATE_CORRELATION_OPTIMIZATION OFF
    ALTER DATABASE [Carillon] SET TRUSTWORTHY OFF
    ALTER DATABASE [Carillon] SET ALLOW_SNAPSHOT_ISOLATION OFF
    ALTER DATABASE [Carillon] SET PARAMETERIZATION SIMPLE
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ALTER DATABASE [Carillon] SET READ_WRITE
ALTER DATABASE [Carillon] SET RECOVERY FULL
ALTER DATABASE [Carillon] SET MULTI_USER
ALTER DATABASE [Carillon] SET PAGE_VERIFY CHECKSUM
ALTER DATABASE [Carillon] SET DB_CHAINING OFF
END
GO

IF NOT EXISTS (SELECT * FROM [Carillon].[sys].[filegroups] WHERE name = N'Logging')
BEGIN
    PRINT 'Create filegroup: Logging'
    ALTER DATABASE [Carillon] ADD FILEGROUP [Logging]
END
GO

IF NOT EXISTS (SELECT * FROM [Carillon].[sys].[filegroups] WHERE name = N'History')
BEGIN
    PRINT 'Create filegroup: History'
    ALTER DATABASE [Carillon] ADD FILEGROUP [History]
END
GO

IF NOT EXISTS (SELECT * FROM [Carillon].[sys].[filegroups] WHERE name = N'Reports')
BEGIN
    PRINT 'Create filegroup: Reports'
    ALTER DATABASE [Carillon] ADD FILEGROUP [Reports]
END
GO

IF EXISTS (SELECT * FROM [Carillon].[sys].[database_files] WHERE name = N'Carillon_log' AND size < 3200)
BEGIN
    PRINT 'Modify file: Carillon_log'
    ALTER DATABASE [Carillon] MODIFY FILE ( NAME = N'Carillon_log', SIZE = 25MB
, MAXSIZE = UNLIMITED, FILEGROWTH = 25MB )
END
GO

IF EXISTS (SELECT * FROM [Carillon].[sys].[database_files] WHERE name = N'Carillon' AND size < 6400)
BEGIN
    PRINT 'Modify file: Carillon'
    ALTER DATABASE [Carillon] MODIFY FILE ( NAME = N'Carillon', SIZE = 50MB , MAXSIZE = UNLIMITED , FILEGROWTH = 50MB )
END
GO

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DECLARE @stringFolder varchar(500)
DECLARE @stringAddFile nvarchar(1000)

SELECT @stringFolder = REVERSE(SUBSTRING(REVERSE(physical_name), CHARINDEX('\', REVERSE(physical_name)), 500)) FROM [Carillon].[sys].[database_files] WHERE name = N'Carillon'

IF NOT EXISTS (SELECT * FROM [Carillon].[sys].[database_files] WHERE name = N'Carillon_logging1')
BEGIN
    PRINT 'Create database file: Carillon_logging1'
    SET @stringAddFile = N'ALTER DATABASE [Carillon] ADD FILE ( NAME = N''Carillon_logging1'', FILENAME = N'' + @stringFolder + 'Carillon_logging1.ndf'', SIZE = 25MB , MAXSIZE = UNLIMITED , FILEGROWTH = 25MB ) TO FILEGROUP [Logging]'
    EXEC (@stringAddFile)
END

IF NOT EXISTS (SELECT * FROM [Carillon].[sys].[database_files] WHERE name = N'Carillon_history1')
BEGIN
    PRINT 'Create database file: Carillon_history1'
    SET @stringAddFile = N'ALTER DATABASE [Carillon] ADD FILE ( NAME = N''Carillon_history1'', FILENAME = N'' + @stringFolder + 'Carillon_history1.ndf'', SIZE = 100MB , MAXSIZE = UNLIMITED , FILEGROWTH = 50MB ) TO FILEGROUP [History]'
    EXEC (@stringAddFile)
END

IF NOT EXISTS (SELECT * FROM [Carillon].[sys].[database_files] WHERE name = N'Carillon_reports1')
BEGIN
    PRINT 'Create database file: Carillon_reports1'
    SET @stringAddFile = N'ALTER DATABASE [Carillon] ADD FILE ( NAME = N''Carillon_reports1'', FILENAME = N'' + @stringFolder + 'Carillon_reports1.ndf'', SIZE = 100MB , MAXSIZE = UNLIMITED , FILEGROWTH = 50MB ) TO FILEGROUP [Reports]'
    EXEC (@stringAddFile)
END

USE [Carillon]
GO

IF NOT EXISTS (SELECT * FROM sys.objects WHERE object_id = OBJECT_ID(N'[dbo].[tableSystemValues]') AND type in (N'U'))
BEGIN
    PRINT ' Table: [dbo].[tableSystemValues]'
    CREATE TABLE [dbo].[tableSystemValues](
        [integerSystemValueID] [int] IDENTITY(1,1) NOT NULL,
        [stringValueTitle] [varchar](50) NOT NULL,

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[stringValue] [nvarchar](4000) NULL,
[integerValue] [bigint] NULL,
[binaryValue] [varbinary](256) NULL,
[datetimeValue] [datetime] NULL,
[modified] [timestamp] NOT NULL,
CONSTRAINT [PK_tableSystemValues] PRIMARY KEY CLUSTERED
(
  [integerSystemValueID] ASC
)WITH (IGNORE_DUP_KEY = OFF) ON [PRIMARY]
) ON [PRIMARY]
END
GO

IF (SELECT COUNT(*) FROM [dbo].[tableSystemValues] WHERE stringValueTitle =
'Application') = 0
  INSERT INTO [dbo].[tableSystemValues](stringValueTitle, stringValue) VALUES
('Application', 'Carillon')
ELSE
  UPDATE [dbo].[tableSystemValues] SET stringValue = 'Carillon' WHERE stringV
alueTitle = 'Application' AND stringValue <> 'Carillon'

```