

Tareas de Mantenimiento

a)

Lista de Stored Procedures:

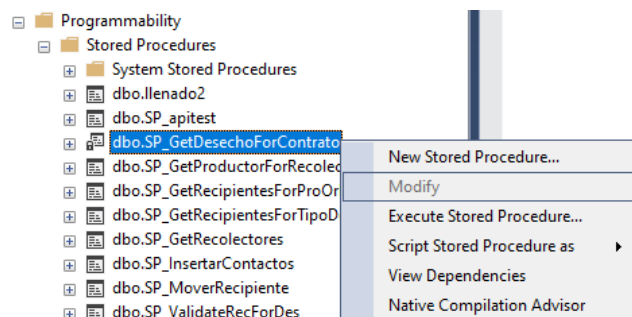
```
GO
select O.name, M.definition, O.type_desc, O.type
from sys.sql_modules M
inner join sys.objects O on M.object_id = O.object_id
where O.type in ('P');
GO
```

	name	definition	type_desc	type
1	CrearVistaConSQLDinamico	CREATE PROCEDURE CrearVistaConSQLDinamico @nomb...	SQL_STORED_PROCEDURE	P
2	VistaConSQLDinamico	-- View Dinamica CREATE PROCEDURE VistaConSQLDina...	SQL_STORED_PROCEDURE	P
3	SP_apitest	CREATE PROCEDURE [dbo].[SP_apitest] AS BEGIN SEL...	SQL_STORED_PROCEDURE	P
4	SP_GetDesechoForContrato	CREATE PROCEDURE [dbo].[SP_GetDesechoForContrato] ...	SQL_STORED_PROCEDURE	P
5	SP_GetProductorForRecolector	CREATE PROCEDURE [dbo].[SP_GetProductorForRecolect...	SQL_STORED_PROCEDURE	P
6	SP_GetRecipientesForTipoDesecho	CREATE PROCEDURE [dbo].[SP_GetRecipientesForTipoDe...	SQL_STORED_PROCEDURE	P
7	SP_GetRecolectores	CREATE PROCEDURE [dbo].[SP_GetRecolectores] AS B...	SQL_STORED_PROCEDURE	P
8	SP_InsertarContactos	CREATE PROCEDURE [dbo].[SP_InsertarContactos] @Ta...	SQL_STORED_PROCEDURE	P
9	SP_ValidateRecForDes	CREATE PROCEDURE [dbo].[SP_ValidateRecForDes] @r...	SQL_STORED_PROCEDURE	P
10	sp_MSrepl_startup	create procedure dbo.sp_MSrepl_startup as exec sys.sp...	SQL_STORED_PROCEDURE	P
11	sp_MScleanupmergepublisher	create procedure dbo.sp_MScleanupmergepublisher as e...	SQL_STORED_PROCEDURE	P

Proceso de encriptación para SP_GetDesechoForContrato:

```
USE [esencialDB]
GO
/***** Object: StoredProcedure [dbo].[SP_GetDesechoForContrato]    Script Date: 5/23/2023
1:05:42 AM *****/
SET ANSI_NULLS ON
GO
SET QUOTED_IDENTIFIER ON
GO
ALTER PROCEDURE [dbo].[SP_GetDesechoForContrato]
    @contratoId BIGINT
WITH ENCRYPTION ←
AS
BEGIN
    SELECT D.desechoId, D.tipoDesechoId, D.nombre FROM desechoXContrato dXC
    INNER JOIN desechos D ON D.desechoId = dXC.desechoId
    WHERE dXC.contratoId = @contratoId;
END
```

Resultados:



```
9 EXEC sp_helptext N'dbo.SP_GetDesechoForContrato'; --V
10
97 %
Messages
The text for object 'dbo.SP_GetDesechoForContrato' is encrypted.
Completion time: 2023-05-25T23:12:39.3475720-06:00
```

b)

```
-- View de las tablas relacionadas a la lógica de negocios de la DB
IF OBJECT_ID('dbo.ViewLogicaNegocios','view') IS NOT NULL
    DROP VIEW dbo.ViewLogicaNegocios;
GO
CREATE VIEW dbo.ViewLogicaNegocios
WITH SCHEMABINDING
AS
SELECT
    P.pagoId as IdPago,
    T.transaccionId as IdTransaccion,
    C.contratoId as IdContrato
FROM dbo.pagos P
    INNER JOIN dbo.transacciones T on T.transaccionId = P.transaccionId
    INNER JOIN dbo.contratos C on C.contratoId = T.transaccionId
GO
select * from ViewLogicaNegocios;
```

Resultados:

```
25
26 drop table pagos;
27
97 %
Messages
Msg 3729, Level 16, State 1, Line 26
Cannot DROP TABLE 'pagos' because it is being referenced by object 'ViewLogicaNegocios'.
```

c)

Command:

```
DECLARE @spName NVARCHAR(255);
DECLARE spCursor CURSOR FOR
SELECT [name] FROM sys.objects WHERE type = 'P';

OPEN spCursor;

FETCH NEXT FROM spCursor INTO @spName;

WHILE @@FETCH_STATUS = 0
BEGIN
    EXEC sp_recompile @spName;
    FETCH NEXT FROM spCursor INTO @spName;
END;

CLOSE spCursor;
DEALLOCATE spCursor;
```

Horario:

ID	Name	Enabled	Description	Jobs in Schedule
9	Horario Semanal	Yes	Occurs every week on Sunday at 12:00:00 AM. Schedule will be used starting on 5/23/2023.	View

Resultados:

Message
Executed as user: NT SERVICE\SQLSERVERAGENT. Object 'tenado2' was successfully marked for recompilation. [SQLSTATE 01000] (Message 15070). Object 'SP_GetDesechoForContrato' was successfully marked for recompilation. [SQLSTATE 01000] (Message 15070). Object 'SP_GetProductoForRecolector' was successfully marked for recompilation. [SQLSTATE 01000] (Message 15070). Object 'SP_GetRecipientesForProOrRec' was successfully marked for recompilation. [SQLSTATE 01000] (Message 15070). Object 'SP_GetRecipientesForTipoDesecho' was successfully marked for recompilation. [SQLSTATE 01000] (Message 15070). Object 'SP_GetRecolectores' was successfully marked for recompilation. [SQLSTATE 01000] (Message 15070). Object 'SP_InsertaContactos' was successfully marked for recompilation. [SQLSTATE 01000] (Message 15070). Object 'SP_MoverRecipiente' was successfully marked for recompilation. [SQLSTATE 01000] (Message 15070). Object 'SP_ValidaRecForDes' was successfully marked for recompilation. [SQLSTATE 01000] (Message 15070). Object 'sp_upgraddiagrams' was successfully marked for recompilation. [SQLSTATE 01000] (Message 15070). Object 'sp_helpdiagrams' was successfully marked for recompilation. [SQLSTATE 01000] (Message 15070). Object 'sp_helpdiagramdefinition' was successfully marked for recompilation. [SQLSTATE 01000] (Message 15070). Object 'sp_creatediagram' was successfully marked for recompilation. [SQLSTATE 01000] (Message 15070). Object 'sp_renamediagram' was successfully marked for recompilation. [SQLSTATE 01000] (Message 15070). Object 'sp_alterdiagram' was successfully marked for recompilation. [SQLSTATE 01000] (Message 15070). Object 'sp_dropdiagram' was successfully marked for recompilation. [SQLSTATE 01000] (Message 15070). Object 'SP_spited' was successfully marked for recompilation. [SQLSTATE 01000] (Message 15070). Object 'GetInspecciones' was successfully marked for recompilation. [SQLSTATE 01000] (Message 15070). Object 'tllEventLog' was successfully marked for recompilation. [SQLSTATE 01000] (Message 15070). The step succeeded.

d)

Conexión:

```
EXEC sp_addlinkedserver
    @server = 'LinkedServer',
    @srvproduct = '',
    @provider = 'SQLNCLI',
    @datasrc = 'DESKTOP-B10P0U8\MSSQLSERVER01'
```

Query:

```
CREATE PROCEDURE TransferirRegistros
AS
BEGIN
    SET NOCOUNT ON;

    -- Transferir registros a la bitácora gemela en el linked server
    INSERT INTO [LinkedServer].[esencialDB].[dbo].[eventLogsGemela]
    SELECT *
    FROM [esencialDB].[dbo].[eventLogs];

    -- Eliminar registros pasados de la bitácora del sistema
    DELETE FROM [esencialDB].[dbo].[eventLogs];
END;
```

Command:

```
EXEC TransferirRegistros;
```

Horario:

ID	Name	Enabled	Description	Jobs in Schedule
New	DosVecesXSemana	Yes	Occurs every week on Monday, Friday at 12:00:00 AM. Schedule will be used starting on 5/25/2023.	

Resultados:

113

select * from dbo.eventLogs;

7 %

Results

Messages

eventLogId	levelId	eventTypeId	sourceId	reference1	reference2	value1	value2	posttime	accessedFrom	checkSum	description
------------	---------	-------------	----------	------------	------------	--------	--------	----------	--------------	----------	-------------

2

select * from dbo.eventLogsGemela;

97 %

Results

Messages

	eventLogId	levelId	eventTypeId	sourceId	reference1	reference2	value1	value2	posttime	accessedFrom	checkSum	description
1	253	1	1	1	1	1	0	0	2023-05-24 10:30:00.000	Laptop	0x0102030405	test
2	254	1	1	1	1	1	0	0	2023-05-24 10:30:00.000	Laptop	0x0102030405	test
3	255	1	1	1	1	1	0	0	2023-05-24 10:30:00.000	Laptop	0x0102030405	test