

En el proyecto nos reunimos en discord, en donde nos pudimos hablar y pasarnos todas las cosas que íbamos haciendo

Oscar 09/12/2021

```
create procedure consulta_9 as
begin
    declare @servidor nvarchar(100);
    declare @nom_bd nvarchar(100);
    declare @nom_tabla nvarchar(100);
    declare @esquema nvarchar(100);

    insert into diccionario_dist values (5,[LINKSERVER3'],'AdventurePerson','HumanResources','Employee');
    insert into diccionario_dist values (6,[LINKSERVER2'],'AdventureSales','Sales','SalesPerson');
```

▼ Expandir ↗ message.txt 5 KB ⬇ ⬅

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```
create procedure consulta_5 as
begin
    declare @servidor4 nvarchar(100);
    declare @nom_bd4 nvarchar(100);
    declare @nom_tabla4 nvarchar(100);
```

▼ Expandir ↗ message.txt 5 KB ⬇ ⬅

Oscar 09/12/2021

```
public void CargarProductos() {
    DefaultTableModel modelo=(DefaultTableModel)tabla.getModel();
    modelo.setRowCount(0);
    res=Conexion.Consulta("select*from Productos");
    try {
        while(res.next()){
            Vector v=new Vector();
            v.add(res.getInt(1));
            v.add(res.getString(2));
            v.add(res.getString(3));
            modelo.addRow(v);
            tabla.setModel(modelo);
        }
    } catch (SQLException e) {
    }
}
```

```
public void cargar(){
    DefaultTableModel modelo = (DefaultTableModel)tabla.getModel();
    modelo.setRowCount(0);
    res=Conexion.Consulta("la consulta xd")
    try{
        while(res.next()){
            Vector v=new Vector();
            v.add(res.getInt(1));
            v.add(res.getString(2));
            v.add(res.getString(3));
            modelo.addRow(v);
            tabla.setModel(modelo);
        }
    } catch (SQLException e) {
    }
}
```


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https://www.youtube.com/watch?v=keL9-ÉtE-zE&ab_channel=hdeleon.net

YouTube

hdeleon.net

🌟 La magia de las transacciones SQL | Ejemplo en Sql Server



HDELEON.NET

La magia de las Transacciones SQL

Oscar 10/12/2021

```
create procedure cambio_tel @id int, @num nvarchar(25) as
begin
    SET XACT_ABORT ON
    begin distributed transaction
    begin try
        update [LINKSERVER3].AdventurePerson.Person.PersonPhone set PhoneNumber = @num where BusinessEntityID = @id;

        commit transaction
    end try
    begin catch
        rollback transaction
        print 'ha ocurrido un error'
    end catch
end
```

exec cambio_tel @id=1, @num= '697-555-0143'



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```
create procedure cambio_email @id int, @email nvarchar(50) as
begin
    SET XACT_ABORT ON
    begin distributed transaction
    begin try
        update [LINKSERVER3].AdventurePerson.Person.EmailAddress set EmailAddress = @email where BusinessEntityID = @id;

        commit transaction
    end try
    begin catch
        rollback transaction
        print 'ha ocurrido un error'
    end catch
end
```



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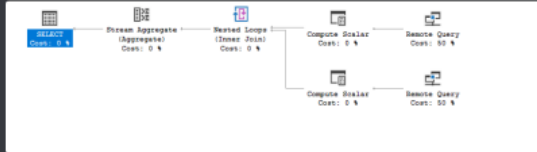
```
create procedure cambio_email @id int, @email nvarchar(50) as
begin
    DECLARE @fecha datetime;
    set @fecha = CURRENT_TIMESTAMP;
    SET XACT_ABORT ON
    begin distributed transaction
    begin try
        update [LINKSERVER3].AdventurePerson.Person.EmailAddress set EmailAddress = @email, ModifiedDate = CURRENT_TIMESTAMP
        where BusinessEntityID = @id;

        commit transaction
    end try
    begin catch
        rollback transaction
        print 'ha ocurrido un error'
    end catch
end
```

```
exec cambio_email @id= 1, @email= 'ken1230@adventure-works.com'
```



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Nested Loops

For each row in the top (outer) input, scan the bottom (inner) input, and output matching rows.

Physical Operation	Nested Loops
Logical Operation	Inner Join
Actual Execution Mode	Row
Estimated Execution Mode	Row
Actual Number of Rows	1
Actual Number of Batches	0
Estimated I/O Cost	0
Estimated Operator Cost	0.0000043 (0%)
Estimated Subtree Cost	0.0206709
Estimated CPU Cost	0.0000042
Number of Executions	1
Estimated Number of Executions	1
Estimated Number of Rows	1
Estimated Row Size	69 B
Actual Rebinds	0
Actual Rewinds	0
Node ID	1

Output List

[AdventureSales].[Sales].[SalesTerritory].Name,
partialagg1036

Nested Loops

For each row in the top (outer) input, scan the bottom (inner) input, and output matching rows.

Physical Operation	Nested Loops
Logical Operation	Inner Join
Actual Execution Mode	Row
Estimated Execution Mode	Row
Actual Number of Rows	1
Actual Number of Batches	0
Estimated I/O Cost	0
Estimated Operator Cost	0.0000043 (0%)
Estimated Subtree Cost	0.0206709
Estimated CPU Cost	0.0000042
Number of Executions	1
Estimated Number of Executions	1
Estimated Number of Rows	1
Estimated Row Size	69 B
Actual Rebinds	0
Actual Rewinds	0
Node ID	1

Output List

[AdventureSales].[Sales].[SalesTerritory].Name,
partialagg1036



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Merge Join	
Match rows from two suitably sorted input tables exploiting their sort order.	
Physical Operation	Merge Join
Logical Operation	Inner Join
Actual Execution Mode	Row
Estimated Execution Mode	Row
Actual Number of Rows	21
Actual Number of Batches	0
Estimated Operator Cost	0.0063524 (4%)
Estimated I/O Cost	0
Estimated CPU Cost	0.0063487
Estimated Subtree Cost	0.13782
Number of Executions	1
Estimated Number of Executions	1
Estimated Number of Rows	64.4705
Estimated Row Size	63.8
Actual Rebinds	0
Actual Rewinds	0
Many to Many	False
Mode ID	6
Where (join columns)	
([Adventure].[Production].[Product].[ProductID] = [AdventureSales].[Sales].[SalesOrderDetail].[ProductID])	
Output List	
[Adventure].[Production].[Product].[ProductID],	
[Adventure].[Production].[Product].[Name],	
[AdventureSales].[Sales].[SalesOrderDetail].[ProductID],	
partialagg1005	

```
create CLUSTERED index indice2 on Sales.SalesOrderHeader(SalesOrderID);
drop index indice2 on Sales.SalesOrderHeader
```

```
create clustered index indice3 on Sales.SalesOrderDetail(ProductID);
drop index indice3 on Sales.SalesOrderDetail
```

```
create CLUSTERED index indice1 on Production.Product(ProductID);
drop index indice1 on Production.Product
```



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```
-- Servidor vinculado
USE [master]
GO
EXEC master.dbo.sp_addlinkedserver
    @server = N'DESKTOP-I4B3KNS\MSSQLSERVER1',
    @srvproduct=N'SQL Server' ;
GO

EXEC master.dbo.sp_addlinkedsrvlogin
    @rmtsrvname = N'DESKTOP-I4B3KNS\MSSQLSERVER1',
    @locallogin = NULL ,
    @useself = N'True' ;
GO

SELECT * FROM [DESKTOP-I4B3KNS\MSSQLSERVER1].nueva.dbo.tabla1 ;
GO
```



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```
-- Productos mas vendidos con un precio menor o igual a 100
create procedure consulta_p as
begin
    declare @servidor nvarchar(100);
    declare @nom_bd nvarchar(100);
    declare @nom_tabla nvarchar(100);
```

Expandir ↗

12_Consultas.sql 16 KB ⬇ ⬅

```
create procedure cambio_tel @id int, @num nvarchar(25) as
begin
    SET XACT_ABORT ON
    begin distributed transaction
    begin try
        update [LINKSERVER3].AdventurePerson.Person.PersonPhone set PhoneNumber = @num where BusinessEntityID = @id;
```



Expandir ↗

3_Transacciones.sql 2 KB ⬇ ⬅




Servidores_vinculados.docx
122.65 KB ⬇


 [Adventure.rar](#) 4.44 MB 



 [AdventurePerson.rar](#) 4.51 MB 

 [AdventureSales.rar](#) 7.36 MB 


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 [Examen_3.docx](#) 19.64 KB 

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 [DAO.rar](#) 3.28 MB 

11 de diciembre de 2021

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ya quedaron optimizadas @Lalo Christmas Edition

 [Planes_de_ejecucion.docx](#) 277.41 KB 



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orale va, que falta entonces?

