1. What SSIS container allows you to loop through all files in a directory?

A foreach loop is one that can loop through all files in a directory. There is another way of looping through files: script task.

1. In a Foreach Loop Container, what enumerator type should be selected to loop through file names? Foreach file enumerator is used to do this task
2. How do you make the Flat File Connection dynamic inside a Foreach Loop?

By using variable,used in foreach loop to store value foreach loop produces, in connection string of connection manager

1. What is the purpose of setting DelayValidation = True in a Data Flow Task?

If it is false, it asks whether there is a table to transform data from the source. In other words, it checks whether the table exists or not

1. In C#, how do you exclude the header row (first line) from a file being processed?

Foreach ( string row in File.readalllines(filepath)){

If (row!= File.readalllines(filepath )[0]){

messageBox.show(row)

}

}

1. How can you filter only .txt files using a Foreach Loop?

We choose the foreach file enumerator and choose the folder. Below it, there is a file tab, and we can define which file type should be filtered.

1. Describe how to insert data into SQL Server using a Script Task with dynamically generated INSERT statements.

Using system.io

Using system.data.sqlclient

String pathof=dts.variable[“path”].value.tostring();

String insert = “”

Foreach( string row in file.readlines(pathof)){

If (row!=file.readlines(pathof)[0]){

Insert= insert + “(‘”+row.repalce(“,”,”’,’”)+”’),”;

}

}

Insert = “insert into table values”+insert.trimend(“,”)

Using(sqlconnect con =new sqlconnect(“Sqlconnection path such as source catalogue”)){

Slqcommend sql= new sqlcommen(insert,con)

Con.open()

Sql.executenonquery()

Con.close()

} using System.IO;

using System.Data.SqlClient;

string pathof = Dts.Variables["path"].Value.ToString();

string insert = "";

foreach (string row in File.ReadLines(pathof))

{

if (row != File.ReadLines(pathof).First()) // Compare only once

{

insert = insert + "('" + row.Replace(",", "','") + "'),";

}

}

insert = "INSERT INTO table VALUES " + insert.TrimEnd(',');

using (SqlConnection con = new SqlConnection("your SQL connection string here"))

{

SqlCommand sql = new SqlCommand(insert, con);

con.Open();

sql.ExecuteNonQuery();

con.Close();

}

1. How can you display the full file path for each file inside a Script Task?

String folder= dts.variebles[folderpath].value.tostring();

Foreach(fileinfo item in directoryinfo(folder){

Messagebox.show(item.fullname);

}

1. What changes are needed in a Flat File Connection Manager to allow importing a different file every loop? By using a variable, used in a foreach loop to store the value foreach loop produces, in the connection string of the connection manager