

SSIS SharePoint Data Destination

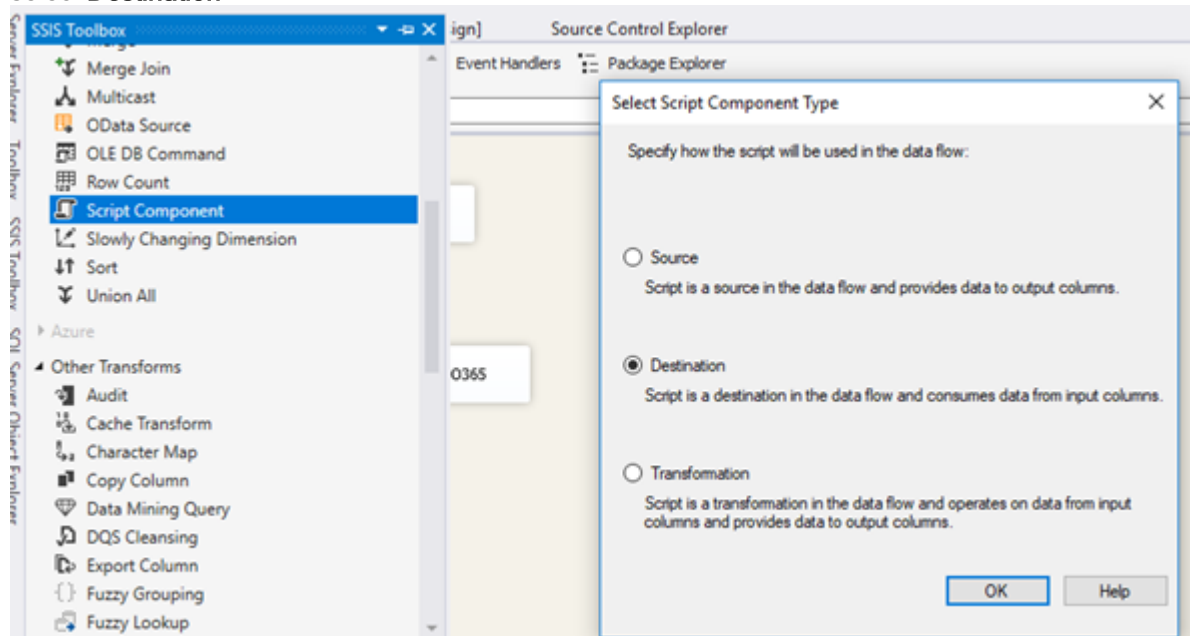
This post shows you how to use Office 365 SharePoint as data destination in SSIS Data Flow.

Pre-requisite:

1. You already have basic knowledge on SSIS.
2. You have installed SharePoint SDK to your development environment <https://chanmingman.wordpress.com/2018/10/07/ssis-could-not-load-file-or-assembly-microsoft-sharepoint-client/>
3. SQL Server Data Tool is installed <https://chanmingman.wordpress.com/2014/08/02/sql-server-data-tool-ssdt/>.
4. You have Office 365 SharePoint online.

A lot of people are still looking for a SSIS SharePoint data destination. In this post, I will show you how to create a SSIS SharePoint Destination with the combination of SharePoint SDK and Script Component in SSIS.

1. Create a SSIS project.
2. Drag **Data Flow Task** to **Control Flow** page. Double click the Data Flow Task. Drag **OLE DB Source**, the Northwind database, Products table. You can create a Connect Manager to connect to the database.
3. Drag **Script Component** to Data Flow page. When Select **Script Component Type** pops up then select **Destination**.



3. Double click the Script Component. Click **Edit Script...**
4. Replace the **Input0_ProcessInputRow** method with the following code. Of course, you need to change the siteUrl, password, and login name.

```
public override void Input0_ProcessInputRow(Input0Buffer Row)
{
    string siteUrl = "https://chanmm.sharepoint.com/DevSite/&#8221;";
    ClientContext clientContext = new ClientContext(siteUrl);
    clientContext.Credentials = SingIn.Login();
    SP.List oList = clientContext.Web.Lists.GetByTitle("NewList");
    ListItemCreationInformation itemCreateInfo = new ListItemCreationInformation();
    ListItem oListItem = oList.AddItem(itemCreateInfo);
    oListItem["Title"] = Row.ProductName;
    oListItem.Update();
    clientContext.ExecuteQuery();
}
```

7. Create a signIn class (of course you need to replace the username and password).

```
class SingIn
{
```

```
public static SharePointOnlineCredentials Login()
{
    string password = "password";
    SecureString securePassword = new SecureString();
    foreach (char c in password)
    {
        securePassword.AppendChar(c);
    }
    return (new SharePointOnlineCredentials("sharepoint@sharepoint.onmicrosoft.com",
securePassword));
}
```

8. Your final Data Flow Task will look as such.

