**Prerequisite**

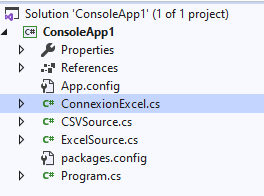
1. Download and install for below link(microsoft.ace.oledb.12.0)

<https://www.microsoft.com/en-in/download/details.aspx?id=13255>

1. Install LinqToExcel nugget package

Install-Package LinqToExcel -Version 1.11.0

Create console app as shown below.



ConnexionExcel.cs – create connection for excel and csv etc.

public class ConnexionExcel

{

public string \_pathExcelFile;

public ExcelQueryFactory \_urlConnexion;

public ConnexionExcel(string path)

{

this.\_pathExcelFile = path;

this.\_urlConnexion = new ExcelQueryFactory(\_pathExcelFile);

}

public string PathExcelFile

{

get

{

return \_pathExcelFile;

}

}

public ExcelQueryFactory UrlConnexion

{

get

{

return \_urlConnexion;

}

}

}

ExcelSource.cs – contained entity for excel source.

public class ExcelSource

{

public int EAN { get; set; }

public string Name { get; set; }

public string Description { get; set; }

}

CSVSource.cs - contained entity for csv source.

public class CSVSource

{

[ExcelColumn("UniqueIdentifier1")]

public int EAN { get; set; }

public string CdnUrl { get; set; }

public DateTime LastUpdated { get; set; }

}

Programe.cs – get all source list and join and retrieve most reecnet url as per records

// read data from excel file

string pathToExcelFile = AppDomain.CurrentDomain.BaseDirectory + @"\input1.xlsx";

ConnexionExcel ConxObject = new ConnexionExcel(pathToExcelFile);

var query1 = (from a in ConxObject.UrlConnexion.Worksheet<ExcelSource>() select new { a.EAN, a.Name }).ToList();

// read data from csv file

string pathToCSVFile = AppDomain.CurrentDomain.BaseDirectory + @"\input2.csv";

ConnexionExcel CSVConxObject = new ConnexionExcel(pathToCSVFile);

var query2 = (from a in CSVConxObject.UrlConnexion.Worksheet<CSVSource>() select new { a.EAN , a.CdnUrl , a.LastUpdated }).ToList();

var q = (from pd in query1

join od in query2 on pd.EAN equals od.EAN

orderby od.LastUpdated descending

select new

{

pd.EAN,

pd.Name,

od.CdnUrl,

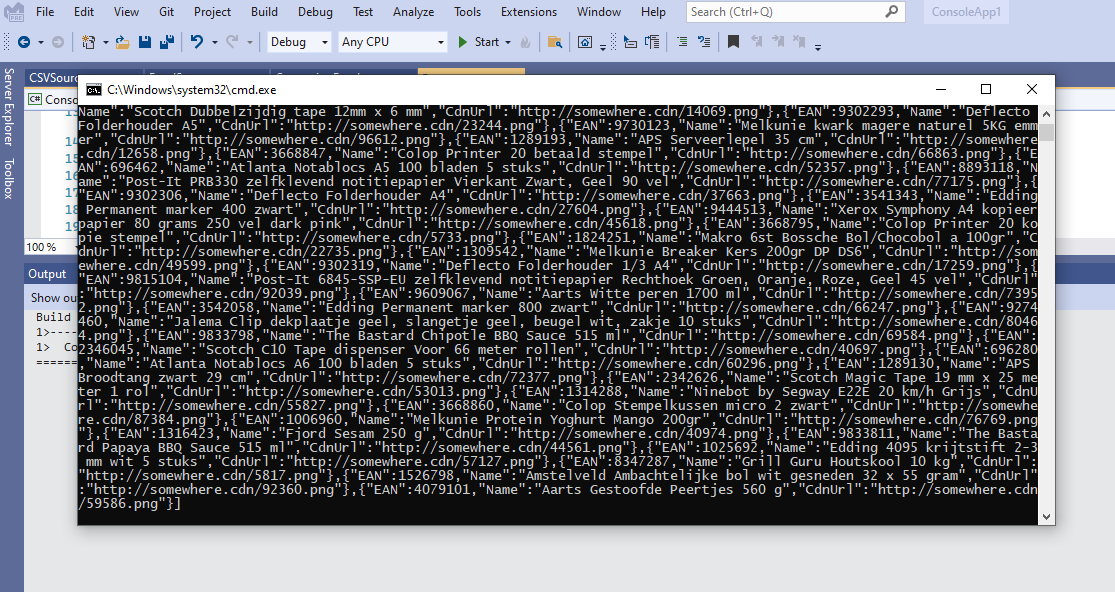
}).GroupBy(g => g.EAN).Select(x => x.FirstOrDefault()); ;

var json = JsonConvert.SerializeObject(q);

Console.WriteLine(json);

Console.ReadLine();

And output –



[{"EAN":3267745,"Name":"Amefa Buffet 1319 Serveerlepel klein","CdnUrl":"http://somewhere.cdn/19454.png"},{"EAN":4082728,"Name":"Aarts gesneden asperges 314 ml","CdnUrl":"http://somewhere.cdn/33654.png"},{"EAN":8832590,"Name":"Sencor SVC 190B handstofzuiger Zakloos Zwart","CdnUrl":"http://somewhere.cdn/57986.png"},{"EAN":1316416,"Name":"Fjord Volkoren Rogge 250 g","CdnUrl":"http://somewhere.cdn/84688.png"},{"EAN":3668808,"Name":"Colop Printer 20 geboekt stempel","CdnUrl":"http://somewhere.cdn/18157.png"},{"EAN":9444812,"Name":"Xerox Symphony A5 kopieerpapier 160 grams 250 vel wit","CdnUrl":"http://somewhere.cdn/11838.png"},{"EAN":1289228,"Name":"APS Woody houten kist","CdnUrl":"http://somewhere.cdn/5294.png"},{"EAN":9730279,"Name":"Melkunie kwark halfvol bosvrucht 5KG emmer","CdnUrl":"http://somewhere.cdn/66389.png"},{"EAN":259779,"Name":"Tropisch fruit","CdnUrl":"http://somewhere.cdn/68270.png"},{"EAN":9302332,"Name":"Deflecto Visitekaartjeshouder transparant","CdnUrl":"http://somewhere.cdn/50447.png"},{"EAN":291369,"Name":"Han Papiermand�zwart�18 liter","CdnUrl":"http://somewhere.cdn/30848.png"},{"EAN":459979,"Name":"Aarts Halve peren met karamel 580 ml","CdnUrl":"http://somewhere.cdn/65143.png"},{"EAN":2581995,"Name":"Han Delta Liaspen","CdnUrl":"http://somewhere.cdn/70104.png"},{"EAN":1289172,"Name":"APS Opscheplepel geperforeerd zwart 35 cm","CdnUrl":"http://somewhere.cdn/4553.png"},{"EAN":1281143,"Name":"APS Buffetstandaard hout 10 cm","CdnUrl":"http://somewhere.cdn/79061.png"},{"EAN":3825679,"Name":"Amstelveld Hotdogbroodjes 40 x 50 gram","CdnUrl":"http://somewhere.cdn/63275.png"},{"EAN":3277014,"Name":"Edding 500 Permanent marker zwart 3 stuks","CdnUrl":"http://somewhere.cdn/94169.png"},{"EAN":9444786,"Name":"Xerox Symphony A4 kopieerpapier 80 grams 250 vel zwart","CdnUrl":"http://somewhere.cdn/3378.png"},{"EAN":3668392,"Name":"Colop Woord-datumstempel 4 mm","CdnUrl":"http://somewhere.cdn/27188.png"},{"EAN":3668418,"Name":"Colop S 120 Datumstempel 4 mm zelfinktend","CdnUrl":"http://somewhere.cdn/51275.png"},{"EAN":9813362,"Name":"Xerox Symphony A4 kopieerpapier 160 grams 125 vel ivoor","CdnUrl":"http://somewhere.cdn/35059.png"},{"EAN":993460,"Name":"Atlanta Rekeningenblok 5 stuks","CdnUrl":"http://somewhere.cdn/86902.png"},{"EAN":57109,"Name":"Naambadges met speld 3 x 6 cm 25 stuks","CdnUrl":"http://somewhere.cdn/33502.png"},{"EAN":8301839,"Name":"Grate Goods Kansas City Red BBQ sauce 265 ml","CdnUrl":"http://somewhere.cdn/93175.png"},{"EAN":5286541,"Name":"Melkunie Havermoutpap 500gr","CdnUrl":"http://somewhere.cdn/17090.png"},{"EAN":5286554,"Name":"Melkunie gortpap 500gr beker","CdnUrl":"http://somewhere.cdn/21814.png"},{"EAN":1289200,"Name":"APS Chafing dish lepel 35 cm","CdnUrl":"http://somewhere.cdn/35899.png"},{"EAN":5503355,"Name":"Scotch Crystal Clear Tape 19mm x 25m","CdnUrl":"http://somewhere.cdn/28028.png"},{"EAN":29419,"Name":"Aarts Kwetsen Pruimen 560 g","CdnUrl":"http://somewhere.cdn/52784.png"},{"EAN":8303061,"Name":"Grate Goods Kansas City Red BBQ sauce 775 ml","CdnUrl":"http://somewhere.cdn/3264.png"},{"EAN":716677,"Name":"Amefa Model 0265 Theelepels koker 12 stuks","CdnUrl":"http://somewhere.cdn/40612.png"},{"EAN":9444682,"Name":"Xerox Symphony A4 kopieerpapier 80 grams 250 vel dark mid bleu","CdnUrl":"http://somewhere.cdn/8878.png"},{"EAN":9643738,"Name":"Melkunie Protein Kwark Bosbes 200gr","CdnUrl":"http://somewhere.cdn/22417.png"},{"EAN":1293386,"Name":"Post-It 654-6SS-RIO-EU zelfklevend notitiepapier Vierkant Multi kleuren 90 vel","CdnUrl":"http://somewhere.cdn/20468.png"},{"EAN":9444617,"Name":"Xerox Symphony A4 kopieerpapier 80 grams 250 vel red","CdnUrl":"http://somewhere.cdn/86303.png"},{"EAN":5995652,"Name":"Melkunie volle Koffiemelk 469ml pak","CdnUrl":"http://somewhere.cdn/38987.png"},{"EAN":1876511,"Name":"Maped Geodriehoek technic 16 cm","CdnUrl":"http://somewhere.cdn/65096.png"},{"EAN":8927399,"Name":"Brepols Palermo Luxe schrijfmap zwart","CdnUrl":"http://somewhere.cdn/96299.png"},{"EAN":1006708,"Name":"Patria Cream crackers 200 gram","CdnUrl":"http://somewhere.cdn/59625.png"},{"EAN":5358392,"Name":"AA Bakeries Mini eclairs choco/banaan 32 stuks","CdnUrl":"http://somewhere.cdn/50685.png"},{"EAN":1289165,"Name":"APS Saladetang zwart 33 cm","CdnUrl":"http://somewhere.cdn/45559.png"},{"EAN":9444565,"Name":"Xerox Symphony A4 kopieerpapier 80 grams 250 vel dark yellow","CdnUrl":"http://somewhere.cdn/95809.png"},{"EAN":1947244,"Name":"Atlanta Kilometerregistratieboek�40 vel","CdnUrl":"http://somewhere.cdn/59640.png"},{"EAN":1281157,"Name":"APS Buffetstandaard hout 15 cm","CdnUrl":"http://somewhere.cdn/25992.png"},{"EAN":1006953,"Name":"Melkunie Protein Yoghurt Aardbei 200gr","CdnUrl":"http://somewhere.cdn/12022.png"},{"EAN":9730214,"Name":"Melkunie kwark halfvol aardbei 5KG emmer","CdnUrl":"http://somewhere.cdn/81973.png"},{"EAN":9813388,"Name":"Xerox Symphony A4 kopieerpapier 160 grams 125 vel zwart","CdnUrl":"http://somewhere.cdn/62983.png"},{"EAN":2226029,"Name":"Amefa Buffet 1319 Slalepel groot","CdnUrl":"http://somewhere.cdn/15416.png"},{"EAN":1375998,"Name":"Slierasperges 580ml","CdnUrl":"http://somewhere.cdn/80604.png"},{"EAN":52988,"Name":"Naambadges met clip 6 x 2 cm 10 stuks","CdnUrl":"http://somewhere.cdn/65526.png"},{"EAN":1671566,"Name":"Maped 242030 Bureauliniaal Kunststof Transparant 30 cm 1 stuk(s)","CdnUrl":"http://somewhere.cdn/11621.png"},{"EAN":1289151,"Name":"APS Spaghettitang zwart 23,5 cm","CdnUrl":"http://somewhere.cdn/66245.png"},{"EAN":6681714,"Name":"Post It Super Sticky notes geel 12 x 76 stuks","CdnUrl":"http://somewhere.cdn/98019.png"},{"EAN":8892546,"Name":"Scotch Magic tape Plakband en dispenser 2 stuks","CdnUrl":"http://somewhere.cdn/81704.png"},{"EAN":9444825,"Name":"Xerox Symphony A5 kopieerpapier 160 grams 250 vel ivoor","CdnUrl":"http://somewhere.cdn/39964.png"},{"EAN":9609119,"Name":"Aarts Tutti Frutti 500 ml","CdnUrl":"http://somewhere.cdn/1613.png"},{"EAN":5529147,"Name":"Melkunie Breaker Banaan 200gr","CdnUrl":"http://somewhere.cdn/86646.png"},{"EAN":1476072,"Name":"Aarts Peren met karamel 265 ml","CdnUrl":"http://somewhere.cdn/28964.png"},{"EAN":9444591,"Name":"Xerox Symphony A4 kopieerpapier 80 grams 250 vel orange","CdnUrl":"http://somewhere.cdn/93364.png"},{"EAN":1370463,"Name":"Remington D5215 Zwart 2300 W","CdnUrl":"http://somewhere.cdn/92273.png"},{"EAN":9609132,"Name":"Aarts Perziken, half 500 ml","CdnUrl":"http://somewhere.cdn/15293.png"},{"EAN":1289207,"Name":"APS Pollepel 31 cm","CdnUrl":"http://somewhere.cdn/6415.png"},{"EAN":793000,"Name":"Atlanta Kasboek doorschrijf 50 x 2 vel","CdnUrl":"http://somewhere.cdn/70864.png"},{"EAN":336947,"Name":"Atlanta Kwitantieblok A6 50x2vel","CdnUrl":"http://somewhere.cdn/28527.png"},{"EAN":9444656,"Name":"Xerox Symphony A4 kopieerpapier 80 grams 250 vel dark green","CdnUrl":"http://somewhere.cdn/13527.png"},{"EAN":8927451,"Name":"Brepols Palermo Luxe schrijfmap bruin","CdnUrl":"http://somewhere.cdn/48869.png"},{"EAN":9444773,"Name":"Xerox Symphony A4 kopieerpapier 80 grams 250 vel ivoor","CdnUrl":"http://somewhere.cdn/35722.png"},{"EAN":1289144,"Name":"APS Serveerlepel zwart 35 cm","CdnUrl":"http://somewhere.cdn/48018.png"},{"EAN":1204619,"Name":"Scotch Dubbelzijdig tape 12mm x 6 mm","CdnUrl":"http://somewhere.cdn/14069.png"},{"EAN":9302293,"Name":"Deflecto Folderhouder A5","CdnUrl":"http://somewhere.cdn/23244.png"},{"EAN":9730123,"Name":"Melkunie kwark magere naturel 5KG emmer","CdnUrl":"http://somewhere.cdn/96612.png"},{"EAN":1289193,"Name":"APS Serveerlepel 35 cm","CdnUrl":"http://somewhere.cdn/12658.png"},{"EAN":3668847,"Name":"Colop Printer 20 betaald stempel","CdnUrl":"http://somewhere.cdn/66863.png"},{"EAN":696462,"Name":"Atlanta Notablocs A5 100 bladen 5 stuks","CdnUrl":"http://somewhere.cdn/52357.png"},{"EAN":8893118,"Name":"Post-It PRB330 zelfklevend notitiepapier Vierkant Zwart, Geel 90 vel","CdnUrl":"http://somewhere.cdn/77175.png"},{"EAN":9302306,"Name":"Deflecto Folderhouder A4","CdnUrl":"http://somewhere.cdn/37663.png"},{"EAN":3541343,"Name":"Edding Permanent marker 400 zwart","CdnUrl":"http://somewhere.cdn/27604.png"},{"EAN":9444513,"Name":"Xerox Symphony A4 kopieerpapier 80 grams 250 vel dark pink","CdnUrl":"http://somewhere.cdn/45618.png"},{"EAN":3668795,"Name":"Colop Printer 20 kopie stempel","CdnUrl":"http://somewhere.cdn/5733.png"},{"EAN":1824251,"Name":"Makro 6st Bossche Bol/Chocobol a 100gr","CdnUrl":"http://somewhere.cdn/22735.png"},{"EAN":1309542,"Name":"Melkunie Breaker Kers 200gr DP DS6","CdnUrl":"http://somewhere.cdn/49599.png"},{"EAN":9302319,"Name":"Deflecto Folderhouder 1/3 A4","CdnUrl":"http://somewhere.cdn/17259.png"},{"EAN":9815104,"Name":"Post-It 6845-SSP-EU zelfklevend notitiepapier Rechthoek Groen, Oranje, Roze, Geel 45 vel","CdnUrl":"http://somewhere.cdn/92039.png"},{"EAN":9609067,"Name":"Aarts Witte peren 1700 ml","CdnUrl":"http://somewhere.cdn/73952.png"},{"EAN":3542058,"Name":"Edding Permanent marker 800 zwart","CdnUrl":"http://somewhere.cdn/66247.png"},{"EAN":9274460,"Name":"Jalema Clip dekplaatje geel, slangetje geel, beugel wit, zakje 10 stuks","CdnUrl":"http://somewhere.cdn/80464.png"},{"EAN":9833798,"Name":"The Bastard Chipotle BBQ Sauce 515 ml","CdnUrl":"http://somewhere.cdn/69584.png"},{"EAN":2346045,"Name":"Scotch C10 Tape dispenser Voor 66 meter rollen","CdnUrl":"http://somewhere.cdn/40697.png"},{"EAN":696280,"Name":"Atlanta Notablocs A6 100 bladen 5 stuks","CdnUrl":"http://somewhere.cdn/60296.png"},{"EAN":1289130,"Name":"APS Broodtang zwart 29 cm","CdnUrl":"http://somewhere.cdn/72377.png"},{"EAN":2342626,"Name":"Scotch Magic Tape 19 mm x 25 meter 1 rol","CdnUrl":"http://somewhere.cdn/53013.png"},{"EAN":1314288,"Name":"Ninebot by Segway E22E 20 km/h Grijs","CdnUrl":"http://somewhere.cdn/55827.png"},{"EAN":3668860,"Name":"Colop Stempelkussen micro 2 zwart","CdnUrl":"http://somewhere.cdn/87384.png"},{"EAN":1006960,"Name":"Melkunie Protein Yoghurt Mango 200gr","CdnUrl":"http://somewhere.cdn/76769.png"},{"EAN":1316423,"Name":"Fjord Sesam 250 g","CdnUrl":"http://somewhere.cdn/40974.png"},{"EAN":9833811,"Name":"The Bastard Papaya BBQ Sauce 515 ml","CdnUrl":"http://somewhere.cdn/44561.png"},{"EAN":1025692,"Name":"Edding 4095 krijtstift 2-3 mm wit 5 stuks","CdnUrl":"http://somewhere.cdn/57127.png"},{"EAN":8347287,"Name":"Grill Guru Houtskool 10 kg","CdnUrl":"http://somewhere.cdn/5817.png"},{"EAN":1526798,"Name":"Amstelveld Ambachtelijke bol wit gesneden 32 x 55 gram","CdnUrl":"http://somewhere.cdn/92360.png"},{"EAN":4079101,"Name":"Aarts Gestoofde Peertjes 560 g","CdnUrl":"http://somewhere.cdn/59586.png"}]