www.bytescout.com

How to calculate XIRR function in C# and ByteScout Spreadsheet SDK

How to code in C# to calculate XIRR function with this step-by-step tutorial

The sample source codes on this page shows how to calculate XIRR function in C#. ByteScout Spreadsheet SDK is the SDK component for writing, reading, modifying and calculating Excel and CSV spreadsheets. Can calculate and reculculate formulas with Excel installed. You may import or export data to and from CSV, XML, JSON. Supports export to databases, arrays, streams. It can calculate XIRR function in C#.

The SDK samples like this one below explain how to quickly make your application do calculate XIRR function in C# with the help of ByteScout Spreadsheet SDK. In order to implement the functionality, you should copy and paste this code for C# below into your code editor with your app, compile and run your application. Code testing will allow the function to be tested and work properly with your data.

Trial version of ByteScout Spreadsheet SDK is available for free. Source code samples are included to help you with your C# app.

FOR MORE INFORMATION AND FREE TRIAL:

Download Free Trial SDK (on-premise version)

Read more about ByteScout Spreadsheet SDK

Explore API Documentation

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Source Code Files:

Program.cs

```
using System;
using System.Collections.Generic;
using System.Diagnostics;
using System.IO;
using System.Text;

using Bytescout.Spreadsheet;

namespace CSharp
{
    class Program
    {
        static void Main(string[] args)
        {
            // Create new Spreadsheet
            Spreadsheet document = new Spreadsheet();

            // Set locale
            document.Workbook.Locale = new System.Globalization.CultureInfo("en-US");

            // Add new worksheet
            Worksheet worksheet = document.Workbook.Worksheets.Add();

            // Fill some data
            worksheet.Cell(1, 1).Value = new DateTime(2008, 01, 01);
            worksheet.Cell(1, 2).Value = 100;
            worksheet.Cell(2, 1).Value = new DateTime(2009, 01, 01);
            worksheet.Cell(2, 2).Value = -200;

            // Apply function
            worksheet.Cell(4, 1).Formula = "=XIRR(C2:C3,B2:B3,0)";
            // Read value
            worksheet.Cell(4, 2).Value = worksheet.Cell(4, 1).Value;

            // delete output file if exists already
            if (File.Exists("Output.xls"))
            {
                File.Delete("Output.xls");
            }

            // Save document
            document.SaveAs("Output.xls");

            // Close Spreadsheet
            document.Close();

            // open generated XLS document in default program
            Process.Start("Output.xls");
        }
    }
}
```

VIDEO

https://www.youtube.com/watch?v=nm_7I0PN1TY

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