

validate cells with dates with spreadsheet sdk in C# with ByteScout Data Extraction Suite

Build validate cells with dates with spreadsheet sdk in C#

:

Step-by-step instructions on how to do validate cells with dates with spreadsheet sdk in C#

An easy to understand guide to learn how to validate cells with dates with spreadsheet sdk in C#. Validate cells with dates with spreadsheet sdk in C# can be applied with ByteScout Data Extraction Suite. ByteScout Data Extraction Suite is the set that includes 3 SDK products for data extraction from PDF, scans, images and from spreadsheets: PDF Extractor SDK, Data Extraction SDK, Barcode Reader SDK.

The below SDK samples describe how to quickly make your application do validate cells with dates with spreadsheet sdk in C# with the help of ByteScout Data Extraction Suite. If you want to know how it works, then this C# sample code should be copied and pasted into your application's code editor. Then just compile and run it. Further improvement of the code will make it more robust.

Trial version can be downloaded from our website for free. It contains this and other source code samples for C#.

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Source Code Files:

Program.cs

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

namespace HelloWorld
{
    class Program
    {
        static void Main(string[] args)
        {
            // in this sample we scan cells with ages data for people
            // then mark all dates where age is between 10 and 19 years and mark these cells with fill pattern

            // Create new Spreadsheet
            Spreadsheet document = new Spreadsheet();
            document.LoadFromFile("Data.xls");

            // Get worksheet by name
            Worksheet worksheet = document.Workbook.Worksheets.ByName("Sample");

            // Years range
            int RangeMin = 10;
            int RangeMax = 19;

            // Minimum age
            DateTime YearMin = DateTime.Now;
            // Maximum age
            DateTime YearMax = DateTime.Now;

            // Minimum year
            YearMax = YearMax.AddYears(-RangeMin);
            // Maximum year
            YearMin = YearMin.AddYears(-RangeMax);

            // Check dates
            for (int i = 1; i < 8; i++)
            {
                // Set current cell
                Cell currentCell = worksheet.Cell(i, 1);

                DateTime dateBirth = currentCell.ValueAsDateTime;

                // Check current cell
                if (dateBirth < YearMin || dateBirth > YearMax)
                {
                    // Set fill pattern
                }
            }
        }
    }
}
```

```

        currentCell.FillPattern = Bytescout.Spreadsheet.Constants.PatternS

        // Markup wrong cell by red color
        currentCell.FillPatternForeColor = System.Drawing.Color.Red;
    }

    // Set cell format
    currentCell.NumberFormatString = "dd.mm.yyyy";
}

// 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=NEwNs2b9YN8>

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