

# How to import from 2d array in C# and ByteScout Spreadsheet SDK

## Tutorial on how to import from 2d array in C#

The sample source code below will teach you how to import from 2d array in C#. ByteScout Spreadsheet SDK is the SDK that can write and read, modify and calculate Excel and CSV spreadsheets. Most popular formulas are supported. You may import or export data to and from CSV, XML, JSON as well as to and from databases, arrays. It can import from 2d array in C#.

Fast application programming interfaces of ByteScout Spreadsheet SDK for C# plus the instruction and the code below will help you quickly learn how to import from 2d array. Just copy and paste the code into your C# application's code and follow the instruction. Test C# sample code examples whether they respond your needs and requirements for the project.

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

C# - Program.cs

```
using System.Diagnostics;
using System.IO;
using Bytescout.Spreadsheet;

namespace Bytescout.Spreadsheet.Demo.Csharp.ImportFrom2DArray
{
    class Program
    {
        static void Main(string[] args)
        {
            const string fileName = "CSharpImportFrom2DArray.xls";

            // Create a new spreadsheet
            Spreadsheet spreadsheet = new Spreadsheet();

            // Get the data from the 2D array that we want to import
            string[,] stockPrices = Get2DArray();

            // Import data into spreadsheet
            spreadsheet.ImportFrom2DArray(stockPrices);

            // Save the spreadsheet
            if (File.Exists(fileName)) File.Delete(fileName);
            spreadsheet.SaveAs(fileName);

            // Close spreadsheet
        }
    }
}
```

```

        spreadsheet.Close();

        // Open the spreadsheet
        Process.Start(fileName);
    }

    ///

    /// Creates a 2D array of stock prices
    ///

    /// 2d array of stock prices
    private static string[,] Get2DArray()
    {
        string[,] stockPrices = new string[10, 2];

        stockPrices[0, 0] = "AAPL"; stockPrices[0, 1] = "24,89";
        stockPrices[1, 0] = "AMZN"; stockPrices[1, 1] = "27,95";
        stockPrices[2, 0] = "DELL"; stockPrices[2, 1] = "12,68";
        stockPrices[3, 0] = "EBAY"; stockPrices[3, 1] = "57,27";
        stockPrices[4, 0] = "GOOG"; stockPrices[4, 1] = "28,98";

        stockPrices[5, 0] = "IBM "; stockPrices[5, 1] = "24,00";
        stockPrices[6, 0] = "INTC"; stockPrices[6, 1] = "12,24";
        stockPrices[7, 0] = "MSFT"; stockPrices[7, 1] = "37,85";
        stockPrices[8, 0] = "SNE "; stockPrices[8, 1] = "39,91";
        stockPrices[9, 0] = "YH00"; stockPrices[9, 1] = "78,72";

        return stockPrices;
    }
}
}

```

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