

How to find text in PDF with PDF extractor SDK in C# and ByteScout Premium Suite

Learn to find text in PDF with PDF extractor SDK in C#

ByteScout simple and easy to understand tutorials are planned to describe the code for both C# beginners and advanced programmers. ByteScout Premium Suite is the set that includes 12 SDK products from ByteScout including tools and components for PDF, barcodes, spreadsheets, screen video recording and you can use it to find text in PDF with PDF extractor SDK with C#.

These C# code samples for C# guide developers to speed up coding of the application when using ByteScout Premium Suite. This C# sample code is all you need for your app. Just copy and paste the code, add references (if needs to) and you are all set! Applying C# application mostly includes various stages of the software development so even if the functionality works please test it with your data and the production environment.

The trial version of ByteScout Premium Suite can be downloaded for free from our website. It also includes source code samples for C# and other programming languages.

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Source Code Files:

```
using System;
using System.Drawing;
using Bytescout.PDFExtractor;

namespace FindText
{
    class Program
    {
        static void Main(string[] args)
        {
            // Create Bytescout.PDFExtractor.TextExtractor instance
            TextExtractor extractor = new TextExtractor();
            extractor.RegistrationName = "demo";
            extractor.RegistrationKey = "demo";

            // Load sample PDF document
            extractor.LoadDocumentFromFile(@"..\sample1.pdf");

            // Set the matching mode.
            // WordMatchingMode.None - treats the search string as substring
            // WordMatchingMode.ExactMatch - treats the search string as separate word
            // WordMatchingMode.SmartMatch - will find the word in various forms (like
            extractor.WordMatchingMode = WordMatchingMode.ExactMatch;

            int pageCount = extractor.GetPageCount();

            for (int i = 0; i < pageCount; i++)
            {
                // Search each page for "ipsum" string
                if (extractor.Find(i, "ipsum", false))
                {
                    do
                    {
                        Console.WriteLine("");
                        Console.WriteLine("Found on page " + i + " at location " + extractor.FindLocation());
                        Console.WriteLine("");
                        // Iterate through each element in the found text
                        foreach (SearchResultElement element in extractor.FoundText.Elements)
                        {
                            Console.WriteLine ("Element #" + element.Index + " at left=" + element.Left);
                            Console.WriteLine ("Text: " + element.Text);
                            Console.WriteLine ("Font is bold: " + element.FontIsBold);
                            Console.WriteLine ("Font is italic:" + element.FontIsItalic);
                            Console.WriteLine ("Font name: " + element.FontName);
                            Console.WriteLine ("Font size:" + element.FontSize);
                            Console.WriteLine ("Font color:" + element.FontColor);
                        }
                    }
                    while (extractor.FindNext());
                }
            }

            // Cleanup
            extractor.Dispose();
        }
    }
}
```

```
        Console.WriteLine();
        Console.WriteLine("Press any key to continue...");
        Console.ReadLine();
    }
}
```

VIDEO

<https://www.youtube.com/watch?v=NEwNs2b9YN8>

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