

How to use alpha channel with graphics for pdf with pdf generator sdk for javascript in JavaScript and ByteScout Premium Suite

Step-by-step tutorial on how to use alpha channel with graphics for pdf with pdf generator sdk for javascript in JavaScript

Source code documentation samples give simple and easy method to install a needed feature into your application. ByteScout Premium Suite is the bundle that includes twelve SDK products from ByteScout including tools and components for PDF, barcodes, spreadsheets, screen video recording and you can use it to use alpha channel with graphics for pdf with pdf generator sdk for javascript with JavaScript.

The following code snippet for ByteScout Premium Suite works best when you need to quickly use alpha channel with graphics for pdf with pdf generator sdk for javascript in your JavaScript application. Simply copy and paste in your JavaScript project or application you and then run your app! Use of ByteScout Premium Suite in JavaScript is also described in the documentation included along with the product.

You can download free trial version of ByteScout Premium Suite from our website with this and other source code samples for JavaScript.

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Source Code Files:

checkdatauri.js

```
// checks if we have datauri support in current browser
// if we have support for datauri support then we can stream generated PDF right
// otherwise we should use Downloadify script to allow user to save PDF file
function CheckDataURISupport(){

    var result = true;
    var checkDataURISupportImage = new Image();

    checkDataURISupportImage.onload = checkDataURISupportImage.onerror = function()
        if(this.width != 1 || this.height != 1){
            result = false;
        }
    }
    checkDataURISupportImage.src = "";
    // check if we have datauri support in current browser - end

    return result;
}
```

createpdf.js

```
// function that creates BytescoutPDF instance (defined in BytescoutPDF.js script which
// then calls API methods and properties to create PDF document
// and returns created BytescoutPDF object instance
// this CreatePDF() function is called from Sample.html
// IsInternetExplorer8OrLower parameter indicates if we use IE8 or lower so we CAN'T use

// IMPORTANT ABOUT IMAGES:
// When using Firefox or IE, pdf generation may fail because images are not accessible
// the solution for this issue is to preload images in main HTML document before running
// to preload images, put them into hidden div block "pdfreportimages" - you can see it

function CreatePDF(IsInternetExplorer8OrLower) {

    // create BytescoutPDF object instance
    var pdf = new BytescoutPDF();
    // set document properties: Title, subject, keywords, author name and creator name
    pdf.propertiesSet("Sample document title", "Sample subject", "keyword1, keyword 2,
    pdf.pageAdd();

    // draw transparent star

    pdf.graphicsSetColor("ffff00");
```

```
pdf.graphicsSetAlpha(125);

var rad=200;
var cx=300; var cy=300;

pdf.graphicsSetLineWidth(10);

for (var an = 0.0; an < Math.PI; an += Math.PI / 20)
{
    var x = rad * Math.sin(an);
    var y = rad * Math.cos(an);
    pdf.graphicsDrawLine(cx + x, cy + y, cx - x, cy - y);
}

// return BytescoutPDF object instance
return pdf;
}
```

VIDEO

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

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