

PdfMake Javascript library integration with NativeScript Angular

Library Github Repo - <https://github.com/bpampuch/pdfmake>

Integration:

1. *Let's create Nativescript angular project*

Install PdfMake Library

```
npm i pdfmake
```

2. *Verify whether it is installed or not*

Package.json

```
"dependencies": {  
  "pdfmake": "^0.1.41"  
}
```

3. *Start using the pdfmake in component*

```
import * as pdfMake from 'pdfmake/build/pdfmake.js';  
import { File, Folder, path } from "file-system";
```

```
declare var android: any;
```

```
//to get android downloads path  
public basePath = android.os.Environment.getExternalStoragePublicDirectory(  
  android.os.Environment.DIRECTORY_DOWNLOADS).toString();
```

```
//you can use any font family and must supply Italic, Medium, MediumItalic, and Regular styles as  
param
```

```
public vfs = {  
  "Roboto-Italic.ttf": base64string,  
  "Roboto-Medium.ttf": base64string,  
  "Roboto-MediumItalic.ttf": base64string,  
  "Roboto-Regular.ttf": base64string  
}
```

```
//generate the dataurl of the resulted pdf
```

```
generatePdf() {  
  var docDefinition = { content: 'This is an sample PDF printed with NativeScript Angular app  
    using pdfMake'};  
  
  pdfMake.createPdf(docDefinition, ' ', ' ', this.vfs)  
    .getDataUrl((dataUrl) => {  
      let sliced = dataUrl.toString().slice(28);  
      this.savePdf(sliced);  
    })
```

```
    });  
}
```

```
//save the base64 as pdf file using file system
```

```
savePdf(encodedData) {
```

```
    let folder = Folder.fromPath(path.join(this.basePath, "PdfMake Files"));
```

```
    let tofile: File = folder.getFile('nscertificate.pdf');
```

```
    if (tofile) {
```

```
        let data = android.util.Base64.decode(encodedData, android.util.Base64.DEFAULT);
```

```
        tofile.writeSync(data, err =>
```

```
        {
```

```
            console.log("err :", err);
```

```
        });
```

```
    }
```

```
}
```