



UWP



User interface



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Customize electronic signatures in UWP

The Electronic Signatures UI can be customized to fit your needs.

You can customize aspects such as which signature creation modes are available and in which order, and what signing fonts to offer when creating signatures by typing.

These options are set via the `PSPDFKit.Pdf.ElectronicSignatures.SignatureOptions` class, which — during creation — can have its `CreationModes`, `Fonts`, and `ColorPresets` set.

Setting available signature creation modes

`SignatureOptions.CreationModes` accepts an `IEnumerable` of `ElectronicSignatureCreationMode` members. Based on these entries, the UI will display the tabs specified in the `IEnumerable`, respecting the order in which they were added. It defaults to `SignatureOptions.DefaultCreationModes`, which includes all three methods: drawing, typing, and using an image..

Here's an example offering Type, followed by Image, as signature creation modes:

```
1 await PDFView.Controller.ShowDocumentWithViewStateAsync(documentSource, new {  
2 {  
3     ElectronicSignatureOptions = new SignatureOptions()  
4     {  
5         CreationModes = new []  
6         {  
7             ElectronicSignatureCreationMode.Type,  
8             ElectronicSignatureCreationMode.Image  
9         }  
10 }  
11 }
```



```
}
```

Setting Available Fonts to Sign With

The `Fonts` property of `SignatureOptions` accepts an `IEnumerable` of `PSPDFKit.UI.Font`s, defining the fonts presented to the user on the typing tab of the signing UI.

Fonts are loaded through CSS files. When instantiating a `Font`, you must pass its name and the `Uri` to the CSS file you're loading the font in. This CSS file needs to be added to your application's assets.

Nutrient UWP SDK ships with four signing fonts available out of the box, which are specified in `SignatureOptions.DefaultFonts`. You can add custom fonts to these, remove them, or mix and match between custom and default fonts.

As an example, if you wanted to use the Cookie font from Google Fonts, you could use the following style sheet:

```
@import url('https://fonts.googleapis.com/css2?family=Cookie&display=swap');
```



A CSS file containing this import must be placed within your project (in this example, `cookie.css`). Then, you can create the `Font` when initializing `SignatureOptions`:

```
1 await PDFView.Controller.ShowDocumentWithViewStateAsync(documentSource, new  
2 {  
3     ElectronicSignatureOptions = new SignatureOptions()  
4     {  
5         Fonts = new []  
6         {  
7             new Font("Cookie", new Uri("ms-appx-web:///Assets/css/cookie.css"))  
8         }  
9     }  
10 });
```



Setting available colors to sign with

`SignatureOptions.ColorPresets` accepts an `IEnumerable` of `ColorPresets`. Based on these presets, the UI will display the colors available to draw the signature. If a single color is set, the UI won't display any color options. This defaults to `SignatureOptions.DefaultColorPresets`, which includes three colors: blue, black, and dark blue.

Here's an example offering red, green, and blue color presets:

```
1  await PDFView.Controller.ShowDocumentWithViewStateAsync(documentSource, new
2  {
3      ElectronicSignatureOptions = new SignatureOptions()
4      {
5          ColorPresets = new[]
6          {
7              new ColorPreset(Color.FromArgb(255, 255, 0, 0), "Red"),
8              new ColorPreset(Color.FromArgb(255, 0, 255, 0), "Green"),
9              new ColorPreset(Color.FromArgb(255, 0, 0, 255), "Blue")
10         }
11     }
12 });
```

CSS customizations

The Electronic Signatures modal view is highly customizable and flexible. There are multiple public CSS classes prefixed with `PSPDFKit-Electronic-Signatures` for the UI elements that are part of this feature.

Refer to the [CSS API documentation](#) for a list of the available public CSS classes.

Moreover, you can see our [CSS customization](#) guide for more information about how to change CSS in the UWP SDK.

Was this helpful?

✓ YES

✗ NO

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