



UWP



Open a document



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Open a local PDF file in UWP

Nutrient UWP SDK supports a number of different ways of opening documents, including using Microsoft's `StorageFile`.

Note that UWP introduces very specific rules around file access permissions, and it's worth reading about them [here](#) if you're not familiar.

Microsoft also has [several guide articles](#) that cover topics such as working with file pickers, tracking recently used files, and much more.

Introduction

For opening a document, you must have added a `PdfView` to your desired XAML. You'll also need to assign a `Name` for interacting with it through code. In this example, the `PdfView` is simply named

`PDFView` :

```
<pspdfkit:PdfView License="{StaticResource PSPDFKitLicense}" Name="PDFView"/>
```



The rest of the process needs to be done after the `PdfView` [Control](#) is loaded. The easiest way to ensure that is the case is by using the `PdfView.InitializationCompletedHandler` event:

```
1 PdfView.InitializationCompletedHandler += (pdfView, document) =>
2 {
3
4
```

....



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If you don't intend to open a document straight away, and you know that the `PdfView` will always be initialized, you can skip this step and open the document whenever it's convenient by referring to the following sections.

Opening the document

UWP represents files with the `StorageFile` class. For displaying it, you must use the relevant creator method from `DocumentSource`. These creators instantiate a `DocumentSource`, which is then used by the `PdfView` like so:

```
1 // Open and display the PDF in the Nutrient `PdfView`.
2 var documentSource = DocumentSource.CreateFromStorageFile(file);
3 await PDFView.Controller.ShowDocumentAsync(documentSource);
```



A `StorageFile` must be located and retrieved before being displayed. This can be done, for example, by using a file picker to present a Windows-native UI to the user.

The following example code demonstrates how to show the file picker to let the user selected a `StorageFile`:

```
1 // Open a picker so the user can choose a PDF.
2 var picker = new FileOpenPicker
3 {
4     ViewMode = PickerViewMode.Thumbnail,
5     SuggestedStartLocation = PickerLocationId.DocumentsLibrary,
6     FileTypeFilter = { ".pdf" }
7 };
8
9 var file = await picker.PickSingleFileAsync();
10 if (file == null) return;
```



Was this helpful?

✓ YES

✗ NO

