How to copy pages from one PDF document to another

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Introduction

Copying pages between PDF documents can be seen as a special case of merging described in [one of the earlier](#) posts. A small piece of code below shows how to perform this task if you have only two PDF documents and want to copy a page from A to B.

The code

```csharp
public void CopyPDFPage()
{
    // open documents
    using (Stream s1 = File.OpenRead("source.pdf"),
        s2 = new FileStream("destination.pdf",FileMode.Open,FileAccess.ReadWrite))
    {
        // create document objects
        FixedDocument source = new FixedDocument(s1);
        FixedDocument destination = new FixedDocument(s2);

        // export first page from source doc and add to destination
        destination.Pages.Add(Page.Export(destination, source.Pages[0]));
        // save changes as incremental update
        destination.Save();
    }
}
```

The main step here, required to copy a Page (or any other resource) from one doc to another, is the call to the static `Export` method. PDF resources used on the particular PDF page (images, drawings, etc.) can be defined in various places across the document and referenced within the page's content. These resources must be repacked in order to correctly copy the page. That's what the Export() call does – it prepares the page and referenced resources for copying.

Conclusion

Processing PDF is easy with the right tools. Try the [Apitron PDF Kit](#) .NET component and see for yourself. Read our [free book](#) with ready to use, thoroughly explained samples, and let us know what you think.