

XDoc.PDF Developer Guide – File Conversion Module

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Convert a JPEG file to a PDF file

```
String inputFilePath = Program.ROOT_PATH + "\\1.jpg";
String outputFilePath = Program.ROOT_PATH + "\\output.jpg.pdf";

using (Stream inStream = File.Open(inputFilePath, FileMode.Open, FileAccess.Read))
{
    using (FileStream outStream = File.Open(outputFilePath, FileMode.Create, FileAccess.ReadWrite))
    {
        DocumentSaveOption ops = new DocumentSaveOption(FileType.DOC_PDF);
        ConvertResult result = ImageConverter.ToDocument(inStream, outStream, ops);

        switch (result)
        {
            case ConvertResult.NO_ERROR:
                Console.WriteLine("Success");
                break;
            case ConvertResult.FILE_TYPE_UNSupport:
                Console.WriteLine("Fail: can not convert to PDF, file type unsupported");
                break;
            case ConvertResult.FILE_TYPE_UNMATCH:
                Console.WriteLine("Fail: input file is not a document");
                break;
            default:
                Console.WriteLine("Fail: unknown error");
                break;
        }
    }
}
```

Convert from a TIFF file to a PDF file

```
String inputFilePath = Program.ROOT_PATH + "\\1.tif";
String outputFilePath = Program.ROOT_PATH + "\\output.tif.pdf";

using (Stream inStream = File.Open(inputFilePath, FileMode.Open, FileAccess.Read))
{
    using (FileStream outStream = File.Open(outputFilePath, FileMode.Create, FileAccess.ReadWrite))
    {
        DocumentSaveOption ops = new DocumentSaveOption(FileType.DOC_PDF);
        DocumentConverter.ToDocument(inStream, outStream, ops);
    }
}
```

Convert from a Office Word file to a PDF file

```
String inputFilePath = Program.ROOT_PATH + "\\1.docx";
String outputFilePath = Program.ROOT_PATH + "\\output.docx.pdf";

using (Stream inStream = File.Open(inputFilePath, FileMode.Open, FileAccess.Read))
{
    using (FileStream outStream = File.Open(outputFilePath, FileMode.Create, FileAccess.ReadWrite))
    {
        DocumentSaveOption ops = new DocumentSaveOption(FileType.DOC_PDF);
        DocumentConverter.ToDocument(inStream, outStream, ops);
    }
}
```

Convert from a Office Excel file to a PDF file

```
String inputFilePath = Program.ROOT_PATH + "\\1.xlsx";
String outputFilePath = Program.ROOT_PATH + "\\output.xlsx.pdf";

using (Stream inStream = File.Open(inputFilePath, FileMode.Open, FileAccess.Read))
{
    using (FileStream outStream = File.Open(outputFilePath, FileMode.Create, FileAccess.ReadWrite))
    {
        DocumentSaveOption ops = new DocumentSaveOption(FileType.DOC_PDF);
        DocumentConverter.ToDocument(inStream, outStream, ops);
    }
}
```

Convert from a Office PowerPoint file to a PDF file

```
String inputFilePath = Program.ROOT_PATH + "\\1.pptx";
String outputFilePath = Program.ROOT_PATH + "\\output.pptx.pdf";

using (Stream inStream = File.Open(inputFilePath, FileMode.Open, FileAccess.Read))
{
    using (FileStream outStream = File.Open(outputFilePath, FileMode.OpenOrCreate,
        FileAccess.ReadWrite))
    {
        DocumentSaveOption ops = new DocumentSaveOption(FileType.DOC_PDF);
        DocumentConverter.ToDocument(inStream, outStream, ops);
    }
}
```

```
}
```

Convert from a DICOM file to a PDF file

```
String inputFilePath = Program.ROOT_PATH + "\\1.dcm";
String outputFilePath = Program.ROOT_PATH + "\\output.dcm.pdf";

using (Stream inStream = File.Open(inputFilePath, FileMode.Open, FileAccess.Read))
{
    using (FileStream outStream = File.Open(outputFilePath, FileMode.OpenOrCreate,
        FileAccess.ReadWrite))
    {
        DocumentSaveOption ops = new DocumentSaveOption(FileType.DOC_PDF);
        DocumentConverter.ToDocument(inStream, outStream, ops);
    }
}
```

Convert a TIFF file to a PDF file with the specified page size

```
String inputFilePath = Program.ROOT_PATH + "\\1.tif";
String outputFilePath = Program.ROOT_PATH + "\\output.tif.pdf";

using (Stream inStream = File.Open(inputFilePath, FileMode.Open, FileAccess.Read))
{
    using (FileStream outStream = File.Open(outputFilePath, FileMode.Create, FileAccess.ReadWrite))
    {
        DocumentSaveOption ops = new DocumentSaveOption(FileType.DOC_PDF);
        // use given page size, 20 inches in width and 20 inches in height
        ops.UseDefaultPageSize = false;
        ops.PageWidth = 20F;
        ops.PageHeight = 20F;
        DocumentConverter.ToDocument(inStream, outStream, ops);
    }
}
```

Convert a PDF file to an Office Word file

```
String inputFilePath = Program.ROOT_PATH + "\\1.pdf";
String outputFilePath = Program.ROOT_PATH + "\\output.pdf.docx";

using (Stream inStream = File.Open(inputFilePath, FileMode.Open, FileAccess.Read))
{
    using (FileStream outStream = File.Open(outputFilePath, FileMode.OpenOrCreate,
        FileAccess.ReadWrite))
    {
        DocumentSaveOption ops = new DocumentSaveOption(FileType.DOC_MSDOCX);
        DocumentConverter.ToDocument(inStream, outStream, ops);
    }
}
```

Convert a PDF file to a TIFF file

```
String inputFilePath = Program.ROOT_PATH + "\\1.pdf";
String outputFilePath = Program.ROOT_PATH + "\\output.pdf.tif";

using (Stream inStream = File.Open(inputFilePath, FileMode.Open, FileAccess.Read))
{
    using (FileStream outStream = File.Open(outputFilePath, FileMode.Create, FileAccess.ReadWrite))
    {
        DocumentSaveOption ops = new DocumentSaveOption(FileType.DOC_TIFF);
        DocumentConverter.ToDocument(inStream, outStream, ops);
    }
}
```

Convert a PDF file to a JPEG file

```
String inputFilePath = Program.ROOT_PATH + "\\1.pdf";
String outputFilePath = Program.ROOT_PATH + "\\output.pdf.jpg";

using (Stream inStream = File.Open(inputFilePath, FileMode.Open, FileAccess.Read))
{
    using (FileStream outStream = File.Open(outputFilePath, FileMode.Create, FileAccess.ReadWrite))
    {
        ImageSaveOption ops = new ImageSaveOption(FileType.IMG_JPEG);
        DocumentConverter.ToImage(inStream, outStream, ops);
    }
}
```

```
}
```

Convert a PDF file to a TXT file

```
String inputFilePath = Program.ROOT_PATH + "\\1.pdf";
String outputFilePath = Program.ROOT_PATH + "\\output.pdf.txt";

using (Stream inStream = File.Open(inputFilePath, FileMode.Open, FileAccess.Read))
{
    using (FileStream outStream = File.Open(outputFilePath, FileMode.Create, FileAccess.ReadWrite))
    {
        DocumentSaveOption ops = new DocumentSaveOption(FileType.DOC_TXT);
        // set OCR source folder that required by OCR process
        ops.OcrSourcePath = Program.OCR_SOURCE_FOLDER;
        DocumentConverter.ToDocument(inStream, outStream, ops);
    }
}
```