

EZ Grader - Milestone I



Rolandas Burbulis

Advisor: Prof. James Heliotis

Choosing PDF modification library

- RadaeePDF SDK
- PDFKit

RadaeePDF SDK - Pros

Out of the box features:

- Open PDF from file system/memory/http stream
- Open encrypted PDF files
- View pdf files in portrait, landscape, double page, vertical continuous, horizontal continuous
- Create and modify annotations with full UI (free hand, rectangle, circle, arrow, text,etc)
- Annotations flattening
- Text search single page, double pages, continuous vertical scroll, continuous horizontal scroll
- Many more

RadaeePDF SDK - Cons

RadaeePDF SDK

RadaeePDF SDK for Mobiles (formerly PDFViewer SDK) helps you to build better mobile applications.

It's a full featured API that **renders and manipulates PDF files on mobile operating systems** (Android, iOS, Windows/WindowsPhone/Windows10 UWP).

Standard

Starting from

\$489^{.00}
/application**

(Single application \$679^{.00})

Professional

Starting from

\$639^{.00}
/application**

(Single application \$899^{.00})

Premium

Starting from

\$859^{.00}
/application**

(Single application \$1219^{.00})

PDFKit

- Previously existed only on macOS
- Released on iOS 11 in WWDC 2017
- Didn't come up in some older blogs I was reading initially

PDFKit

- **PDFView** - encapsulates PDFKit into a widget that can then be added to the app
- **PDFDocument** - encapsulates the PDF file/data - allows writing, searching, selecting PDF data
- **PDFPage** - defines methods to work with annotations, text, and selections

PDFKit - PDFAnnotation

CHAPTER 2

PDFAnnotation

Availability

Available in Mac OS X v10.4 and later.

See Also: - `shouldDisplay` (page 16)

setShouldPrint:

```
- (void)setShouldPrints:(BOOL)print
```

Specifies whether the annotation should appear in printouts.

Availability

Available in Mac OS X v10.4 and later.

See Also: - `shouldPrint` (page 16)

shouldDisplay

```
- (BOOL)shouldDisplay
```

Returns a logical value indicating whether the annotation should be displayed. PDFPage respects this flag when drawing.

Availability

Available in Mac OS X v10.4 and later.

See Also: - `setShouldDisplay` (page 15)

shouldPrint

```
- (BOOL)shouldPrint
```

Returns a logical value indicating whether the annotation should appear in printouts. PDFPage respects this flag when printing.

Availability

Markup annotations

Text annotation

Square annotation

Circle annotation

Ink annotation

Free text annotation

My brain hurts!

Progress Demo



Q?