

Documoov User Guide



Introduction

PDFs are everywhere, and they are easy to create.

Movies are easy to view.

Documoov transforms PDFs into videos that you can share and view your content anywhere.

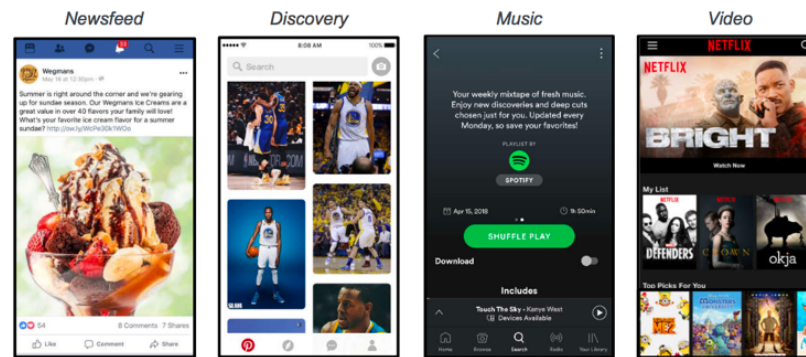
In Documoov, pages in the PDF provide the visuals and you record narration within the app. Documoov compiles a movie from the pages and the recorded audio.

Basics

The **Documoov** user interface has two main parts: the PDF viewer on top, and a strip of controls below. The strip of controls is divided into three panels: for recording, playback, and export.

*Personal + Collective Data =
Provide Better Experiences for Consumers...*

125MM
Netfixes



29

Export Movie...



Use ⌘ O to open a PDF from disk. Use left and right arrow keys to browse pages of the PDF. Resize the window or put the app into full-screen mode for a larger view of the PDF page.

The **lower left panel** shows Page X of Y, to indicate the current page position within the PDF.

Click the red record icon to start recording narration for the current page. Or, use the shortcut r to both start and stop the recording.

KP Internet Trends Report 2018.pdf

Technology Companies =
25% & Rising % of Market Cap, USA

USA Information Technology % of MSCI Market Capitalization

Date	% of MSCI Market Capitalization, USA
March, 2000	33%
April, 2018	25%

Success: Made new recording.

Page 39 of 294

Recordings on Page (1m 18s)

bFD5C8-a0038-20180620-100927
bFD5C8-a0038-20180620-101901

294 pages, total duration 7m 00s

Export movie aspect ratio: 16:9 4:3

Movie size: 1920 x 1080 1280 x 720

Export Movie...

The recording also stops if you turn the page using the arrow keys.

You can make multiple audio recordings for a page.

The list of recordings attached to the current page is shown in the table in the lower left panel. Here, you can select a recording and hit the [delete](#) key to remove the recording. The total duration of recordings for this page is shown in the table's title.

The **middle panel** is for playback. It shows the total pages in the PDF and total duration of recordings across all pages.

Click the [grey play button](#) to playback all recordings from the current page through to the last page.

You can change this behavior in Documoov preferences: for example, if you want the grey play button to only playback the audio on the current page. Or, use the commands under the [Play](#) menu.

The **right panel** has the [Export Movie](#) button. Select a desired resolution for the movie and click Export to produce a **MOV** file.

KP Internet Trends Report 2018.pdf

Personal + Collective Data =
Provide Better Experiences for Consumers...

2.2B
Facebooks

200MM
Pinterests

170MM
Spotifys

125MM
Netfixes

Newsfeed

Discovery

Music

Video

KLEINER PERKINS
2018
INTERNET TRENDS

Source: Facebook (Q1'18), Pinterest (Q1'18), Spotify (Q1'18), Netflix (Q1'18)
Note: Facebook Q1'18 MAU (41B), Pinterest MAU (247M), Spotify Q1'18 MAU (51B), Netflix Q1'18 global streaming memberships (141B)

29

Success: Made new recording.
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Recordings on Page (0m 33s)

bFD5C8-a0028-20180620-100727

bFD5C8-a0028-20180620-101123

294 pages, total duration 6m 51s

Export movie aspect ratio:

16:9

4:3

Movie size:

1920 x 1080

1280 x 720

Export Movie...

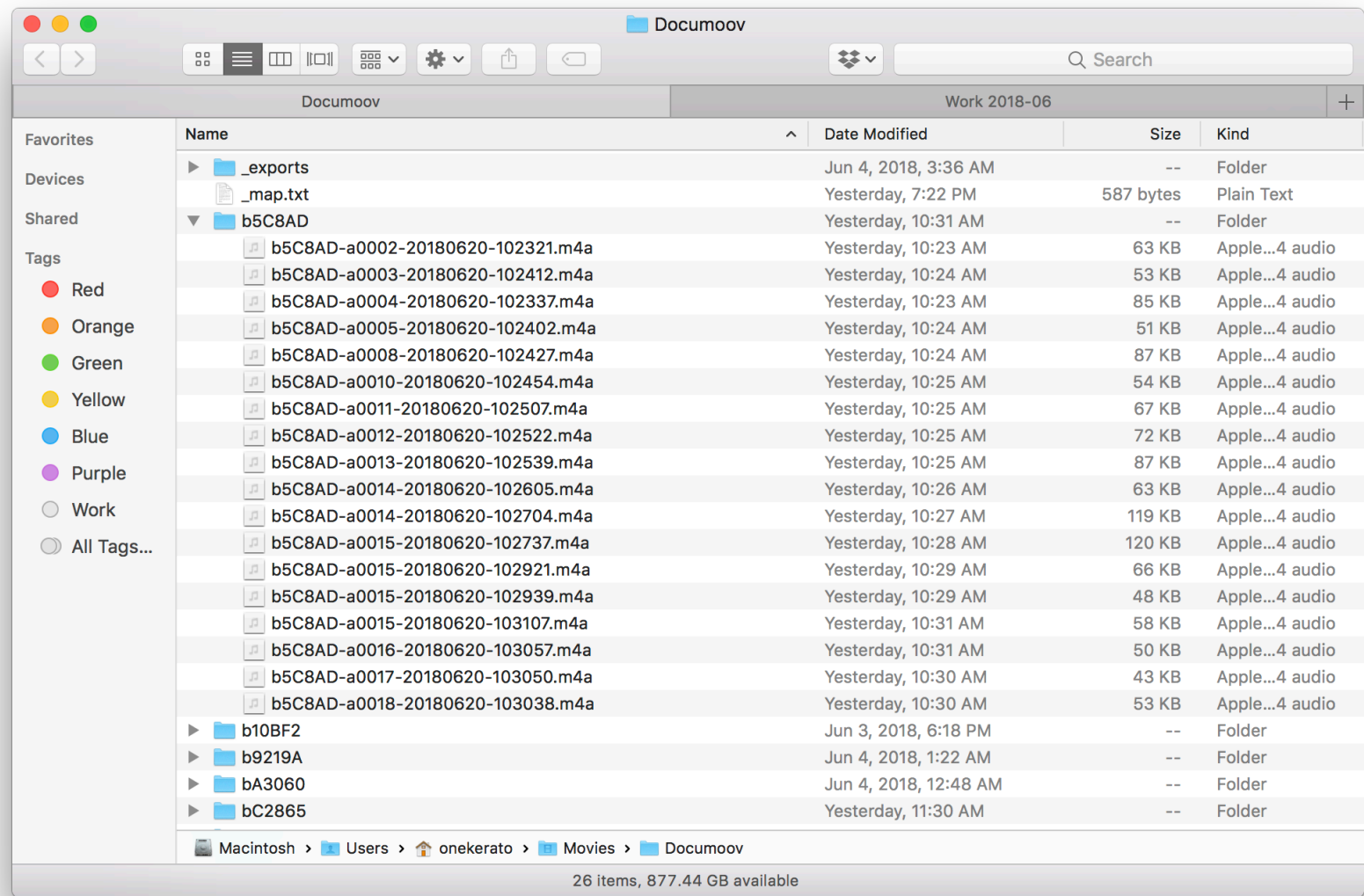
7

You can choose to generate a **MP4** file instead in Documoov's app preferences.

How it Works

Documoov saves your audio recordings in the `~/Movies/Documoov` subfolder.

Each PDF that you open gets its own subfolder.



Documoov does not modify the PDF that you open. When you add or delete recordings to any page in the PDF, only the contents of the subfolder changes.

As a result, Documoov can even work with PDFs that get changed on disk. For example, even if you append pages to the PDF, the audio recordings already made to prior pages remains intact. You can re-open the PDF and add audio recordings to the new pages, if you wish, and then export a movie.

Preferences

Show Preferences using the standard  , shortcut for macOS apps.

- Set the recording quality. Better quality requires a larger file size.
- During playback, specify the behavior of the grey play button: whether it should playback audio only on the current page, from the current page through to the last page, or from the first page through to the last page.

- You can also play back the audio at faster than recorded speeds such as 1.5x (or 50% faster) to save time in review.
- For export, set the movie file format (MOV or MP4) and choose whether to open the movie in a viewer application after export.



story How I Became a Pirate.pdf

Record

Quality:

Low



Playback

Play button behavior:

Only Current Page



Playback speed:

1.0x



Export

Movie type:

MOV



After export:

Show in Finder



Close

Using Documoov

The “simple” feature of attaching voiceover narration to a PDF to produce a movie makes possible several valuable workflows.

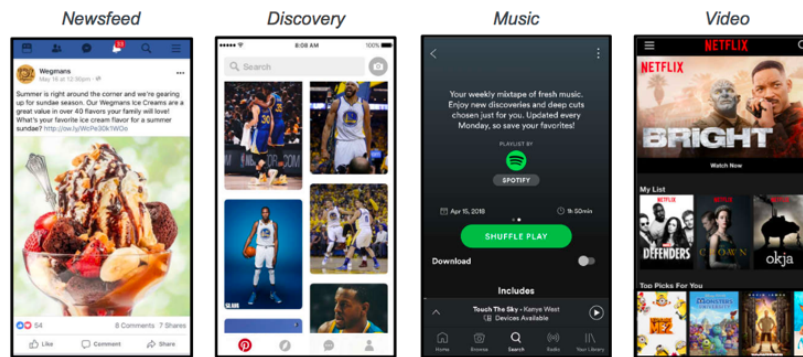
Narrate Presentation Slides

Export a presentation to PDF using PowerPoint or Keynote, then open it up in Documoov to add narration to slides.

Presentations are an excellent way to seek out up-to-date information on a topic. For example, search Google using [filetype:ppt](#) (for PowerPoint file format) or on a presentations repository site like [Slideshare.net](https://www.slideshare.net) look for the blue **Download** button to obtain a PDF.

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Use Documoov to browse through the presentations, taking audio notes on interesting content, and then export to a movie to serve as a quick reference.

Video Summary of Handwritten Notes

Handwritten notes are [very effective in helping us learn](#). However, they can be cumbersome to review. Instead, convert these notes into a video calling out the key points on each page.

[Sketchnoting](#) is a popular approach to note-taking on conference talks and keynote-style presentations. These delightful visuals are densely packed with information. Prepare a PDF of multiple sketch notes, and you can then record a narration that pulls out the insights.

SN_Preso_CMP.pdf

@gary_schroeder

It's hard to move from counting things to understanding them!

What do we do with all this **BIG DATA**

Does a set of data make you feel more comfortable? More successful? Then your interpretation of it is probably **WRONG**.

Orwell feared that the **TRUTH** would be concealed from us. (A captive culture)

Huxley feared that we would be drowned in a sea of **IRRELEVANCE**. (A trivial culture)

FACTS are... vulnerable to misuse. For example, a mother's proximity to freeways has been correlated to **AUTISM**. (!)

Data doesn't create meaning, **WE** do! We have a **RESPONSIBILITY** to **SHARPEN** our critical thinking skills. The **HUMANITIES** give us **CONTEXT** for **BIG DATA**.

Is the data really pointing to a conclusion, or is it just **CONFIRMING** our **BIASES**?

It's hard to move from counting things to understanding them!

He misspoke, meaning to quote John Adams at the Boston Massacre trial that **FACTS** are **STUBBORN** things.

But maybe Ron was right, facts can be stupid.

Assessments & Analytics can **OVER** value one form of **METRIC** over another.

std. metrics X creative PROBLEM solving

Technology has brought us so much...

Internet!

Moon Landing!

Human genome sequencing!

BUT... It taps into our deepest **FEARS**

Data Types

images text video audio

All are created by **PEOPLE** and they require **CONTEXT**.

Examples: If you want to run an anti-smoking campaign, you have to know **HOW** people talk about it.

"**smoking**" can refer to... cigarettes | marijuana | ribs | "hot women."

Gary Schroeder
UX, web designer & online communications manager

Success: Made new recording.
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Recordings on Page (1m 03s)

b5C8AD-a0015-20180620-102737
b5C8AD-a0015-20180620-102921
b5C8AD-a0015-20180620-102939
b5C8AD-a0015-20180620-103107

54 pages, total duration 4m 21s

Export movie aspect ratio: 16:9 4:3

Movie size: 1920 x 1080 1280 x 720

Export Movie...

The **iPad Pro and Apple Pencil** is a fantastic note-taking tool for handwritten notes. [GoodReader](#) is an app that can export your notebooks to PDF automatically to Dropbox or iCloud Drive. As you make changes in your notebook, the PDF is updated too.

Documoov works well with such PDFs that are updated in place. In Documoov, use the menu command **File → Reload PDF from Disk** (shortcut ⌘ R) to update the PDF viewer within the app. And then add audio recordings to the appended pages in the PDF.

On Android devices such as the Galaxy Note with S-pen, the [Squid](#) app has a similar feature where notes are automatically uploaded as PDFs to Dropbox. The Squid app is also available for Chromebook.

Video Storytime for Kids

Kids love stories. And there are hundreds of excellent, wonderfully illustrated books for kids.

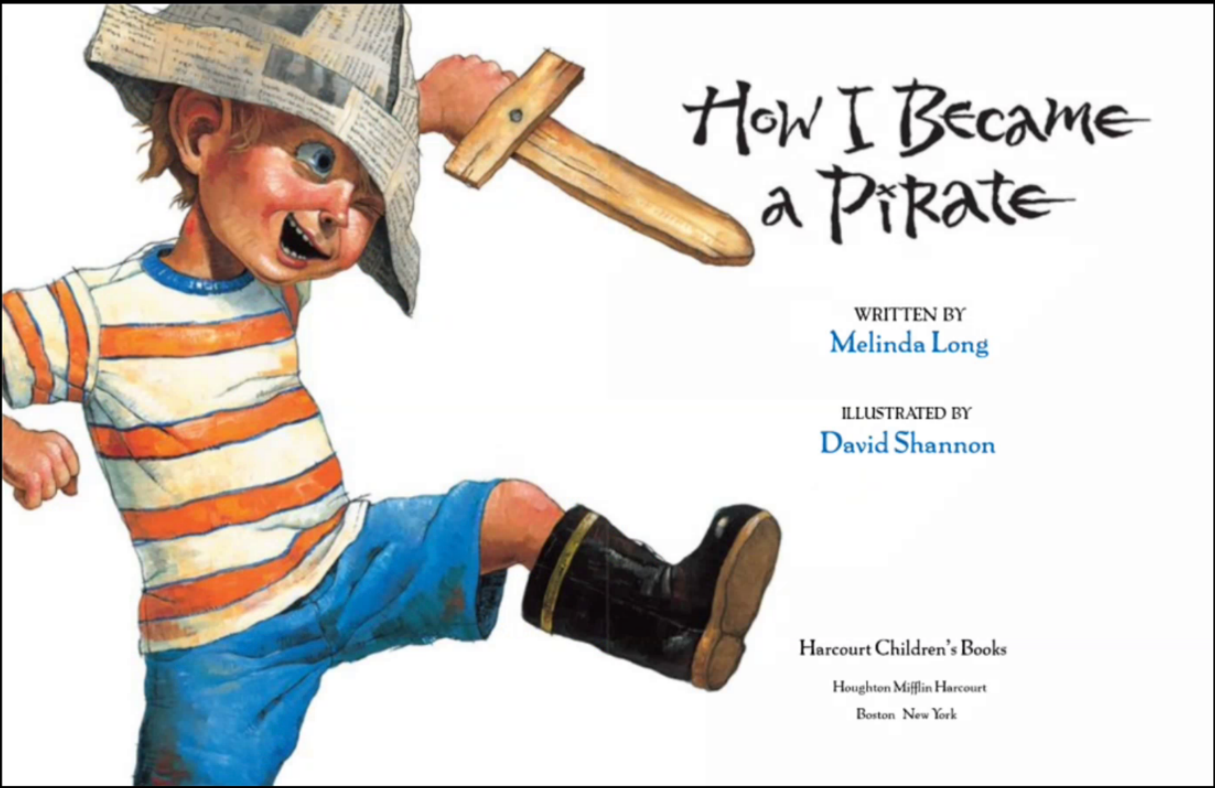
To obtain these books in PDF format, you can either scan the books you have using a tool like [CamScanner](#) for iOS, or using a screen clipping utility like [InstantShot!](#) to capture page-by-page from kids library websites like [EPIC books](#) or [Skybrary](#) online.

Of course, this is for personal use only.


When you have 5-10 mins to spare, record a dramatic storytelling session using **Documoov**. Over time, you'll build up an excellent library of video content of far higher quality than what you'll find in the YouTube Kids app, for example.


At the bottom right in the Export panel, Documoov has an option to export to a 4:3 aspect ratio, which matches the screen size of older iPads.

story How I Became a Pirate.pdf




Page 4 of 23





Recordings on Page (0m 00s)



23 pages, no audio recordings

Export movie aspect ratio: 16:9 4:3

Movie size: 1920 x 1080 1280 x 720

Export Movie...

Rapid Educational Videos from Book Illustrations

Using [InstantShot! and an Automator workflow](#) you can make a PDF from any series of screen clippings. For example, you can combine illustrations from books and video frame grabs into a PDF pack.

Open the PDF in **Documoov** to create an educational video.

MUSICAL INSTRUMENTS

THE LOUD TWANG of an electric guitar might seem far removed from the delicate trill of a classical violin, yet these two instruments make their different sounds in a similar way. Both use a stretched string to create the vibrations we hear as music. The guitar and the violin evolved in different cultures, but they actually belong to different families of musical instruments. String instruments, such as the violin, make their notes when the musician plucks the strings or draws a stretched bow—a bundle of horsehair—across them. Electric instruments, such as the electric guitar, produce weak vibrations that must be amplified for the audience to hear the music. There are five other instrument groups: woodwind, percussion, brass, keyboard, and electronic. This short list includes a huge variety: some instruments, such as the hollow wooden flute, are very simple; others, such as the synthesizer, are highly complex.

WOODWIND INSTRUMENTS
Blowing into a woodwind instrument makes the air inside vibrate; this produces the musical notes. Covering the holes in the tube with fingers or keys changes the length of the vibrating air, producing different notes. The instruments with the shortest tubes, such as the piccolo, make the highest notes. Other woodwind instruments are the bassoon, English horn, saxophone, clarinet, oboe, and flute.



FLUTE
To play a side-blown flute, such as this one, you blow across the tube.

OBOE
The mouthpiece of an oboe is a double reed (a piece of thin wood). The instrument makes a clear, sad sound.

OBOE REED
Most professional oboe players make their own reeds by binding two pieces of split cane to a tube called a staple.

STRING INSTRUMENTS

Vibrating strings stretched across these instruments make the musical note: the finer the string and the shorter its length, the higher the note. The size of the instrument also affects its sound. The small violin, for example, produces higher sounds than the large double bass. Musicians pluck the strings of guitars, harps, and lutes, and usually use a bow to play the violin, viola, cello, and double bass.

CELLO
The four cello strings make a rich, mellow sound.

VIOLIN
To play the violin the musician holds it under the chin.

A wood frame pulls horse-hair tight across the bow. Sliding the bow across the strings makes them vibrate.

BRASS

Some of the most exciting sounds in music come from brass instruments. This group includes the French horn, trumpet, bugle, cornet, trombone, and tuba. The instruments are long tubes of brass or other metal curved around for easier handling. Sounds produced by the musician's lips on the mouthpiece vibrate down the tube. Pressing the valves opens more of the tube, making the pitch of the note lower. The trumpet has a long history: When the Egyptians buried King Tutankhamun more than 3,000 years ago, they placed a trumpet in his tomb.

THE CORNET
Musicians in military and brass bands often play the cornet, which is descended from the horns that were blown to announce the arrival of a coach. The cornet is the smallest brass instrument, with a tube about 3.7 m long.

**FRENCH
HORN**

Uncurled, this horn is 16 ft (5 m) long. It developed from an 18th-century hunting horn and makes a rich, warm sound. The Austrian composer Wolfgang Amadeus Mozart created four pieces of music for the French horn.

KEYBOARDS
Hammers strike strings in the piano when the pianist presses a key. Pedals keep the note sounding when the key is released.

PERCUSSION

s, gongs, and drums are percussion instruments, and there are many more, because all over the world people find different objects, such as beads and seeds, that make a noise when beaten or shaken. Some percussion instruments, such as the xylophone and timpani, are tuned to play definite notes.



SNARE DRUM
The wire spring on bottom skin the snare drum vibrates when player strikes the top skin.

TRADITIONAL INSTRUMENTS
Musicians in symphony orchestras play only a few of the world's vast range of musical instruments. Many musical styles are rooted in the traditional or folk music of individual countries. Some of these instruments developed unique shapes in different parts of the world, as musicians explored the music-making potential of local materials. However, some are remarkably similar: the bagpipes are played in Europe, Asia, and Africa.

A flute player from Thailand

ELECTRONIC INSTRUMENTS

These instruments can produce an exciting array of sounds, by either simulating existing instruments or synthesizing completely new sounds. The musician can feed sounds into the memory of the instrument and then play them back together to simulate a whole orchestra.

— Find out more
COMPOSERS
MOVIES
MUSIC
SOUND

Support

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