

Advanced Exporter user guide

Advanced Exporter is a PowerPoint add-in that turns the open deck into other things: pictures of every slide at whatever size you need, PDFs that PowerPoint won't make (handouts, notes pages, a range of slides), video, an HTML5 presentation, LaTeX, Markdown, and cleaned-up copies of the deck itself. It sits in a pane beside the deck. You tick the formats you want, set each one's options, press **Export**, and PowerPoint asks where to save the file.

Released at v0.1.0. The hosted build, which is what `manifest.xml` installs, opens and exports in PowerPoint for Mac. The full run below used the development build of the same code.

Checked in PowerPoint for Mac 16.112.3 on macOS 26.4.1 (2026-10-20): every format below was exported from a real deck inside PowerPoint, and every file was checked with something other than the add-in. Pictures were opened in Pillow, TIFFs decoded by libtiff, video decoded by ffmpeg, PDFs read by poppler, and the LaTeX compiled with XeTeX (Tectonic). The Office files were read by python-pptx, python-docx and odfpy. PowerPoint itself opened the flattened deck, the trimmed PPSX (straight into the slide show), the cleaned copy, a one-slide file and the OpenDocument file with no repair prompt. Word opened the notes document. The **Export** button raised the native Save dialog.

Not checked: PowerPoint for Windows, PowerPoint on the web, and PowerPoint older than 16.96 on a Mac (the PDF route those would use was run in PowerPoint for Mac). The HTML5 presentation was played in a Chromium browser, but not in Safari, not opened from a file on disk, and its presenter view was only tried in one window. The pdfLaTeX output hasn't been compiled (only XeLaTeX), and the transitions and links in the flattened deck were checked in its XML, not by playing it.

Install

The add-in installs from one small file, `manifest.xml`, which points PowerPoint at the add-in's web address. Nothing is installed on your machine.

PowerPoint for Mac

1. Download `manifest.xml` from the install page or the latest GitHub release.
2. Copy it into `~/Library/Containers/com.microsoft.Powerpoint/Data/Documents/wef/` (make the `wef` folder if it isn't there).
3. Quit PowerPoint completely and open it again.
4. Open a deck, then **Home** ▶ **Add-ins** ▶ **Developer Add-ins** ▶ **Advanced Exporter**. After that first time an **Advanced Exporter** button stays on the Home tab.

PowerPoint on the web, and Microsoft 365 on Windows

1. **Home** ▶ **Add-ins** ▶ **More Add-ins**, then **My Add-ins** ▶ **Upload My Add-in**.
2. Pick `manifest.xml`.

Using it

1. **Slides**. All of them, the ones selected in PowerPoint's thumbnails, a range (`1-3`, `7`, `9-` — open ends run to the first or last slide), or one section. Hidden slides are left out unless you tick **Include hidden slides**; slides you select by hand always go.
2. **Formats**. Tick as many as you like. Each one gets a card with its options, and **Back to defaults** puts that card back how it started.
3. **Output**. The file name defaults to the deck's. One file comes out as itself; several come out as one `.zip`, a folder per format.
4. **Export**. The pane reads the deck afresh (so edits since you opened it are included), builds everything, and hands PowerPoint the file to save. A note lists anything worth knowing: hidden slides that a format couldn't include, animations that don't survive as pictures, and so on. In a zip, the same notes are in `export-notes.txt`.

Under **Presets and rendering**:

- **Presets** save the formats you've ticked and all their options under a name. They live in the add-in's storage on this machine.
- **Slide pictures from** is normally **Automatic**: PowerPoint draws each slide at the size a format asks for. **PowerPoint's PDF, rasterised** draws them from PowerPoint's PDF instead, which is what happens anyway on a PowerPoint too old to draw slides for add-ins.

Sizes

Every picture format has the same size choices: the slide's own size (96 dpi), HD to 8K, a width, a height, both, a print resolution in dpi, or a percentage. When the size you pick isn't the slide's shape (a 4:3 deck into 1920 × 1080), **Fit** decides what happens: keep the slide's shape, letterbox to the exact size with bars in a colour you choose, crop to fill, or stretch.

PowerPoint for Mac won't draw a slide wider than about 4,000 pixels (4032 px for a 16:9 slide on 16.112). Bigger pictures come from PowerPoint's own vector PDF, drawn at full resolution, so an 8K export is as sharp as a 4K one. A hidden slide isn't in that PDF, so at those sizes it's PowerPoint's largest picture scaled up, and the export notes say so.

Things that don't come along

- **Animations**. Every picture-based format shows a slide as it looks with all its builds finished. Video and GIF are slides with transitions between them, not a recording of the slide show.
- **Sound, and video playing**. Video exports show an embedded video's poster frame. The HTML5 presentation is the exception: it plays the deck's embedded video and audio in place.

- **Hidden slides in PowerPoint's PDF.** PowerPoint leaves them out of its PDF, so the vector PDF formats can't include them. **PDF — pictures** can.

Formats and their options

Images

PNG (.png)

Lossless. What PowerPoint drew, untouched when the size is the slide's own shape.

Option	Choices	Notes
Size	Slide's own size (96 dpi) · HD 1280 × 720 · Full HD 1920 × 1080 · QHD 2560 × 1440 · 4K UHD 3840 × 2160 · 5K 5120 × 2880 · 8K 7680 × 4320 · Width... · Height... · Width × height... · Print resolution (dpi)... · Scale (% of slide size)...	
Width (shown when it applies)	16–16384 px, default 1920	
Height (shown when it applies)	16–16384 px, default 1080	
Resolution (shown when it applies)	36–1200 dpi, default 300	
Scale (shown when it applies)	10–800 %, default 200	
Fit (shown when it applies)	Keep the slide's shape · Exact size, letterboxed · Exact size, cropped to fill · Exact size, stretched	Only matters when the size isn't the slide's shape — a 4:3 deck into 1920 × 1080, say.
Bars (shown when it applies)	default #000000	
File names	default {deck}-{nn}	{deck} the file name · {n} slide number · {nn}/{nnn} zero-padded · {title} slide title · {i} position in the export

JPEG (.jpg)

Small files for email and the web. Quality is yours to pick.

Option	Choices	Notes
Size	Slide's own size (96 dpi) · HD 1280 × 720 · Full HD 1920 × 1080 · QHD 2560 × 1440 · 4K UHD 3840 × 2160 · 5K 5120 × 2880 · 8K 7680 × 4320 · Width... · Height... · Width × height... · Print resolution (dpi)... · Scale (% of slide size)...	
Width (shown when it applies)	16–16384 px, default 1920	
Height (shown when it applies)	16–16384 px, default 1080	
Resolution (shown when it applies)	36–1200 dpi, default 300	
Scale (shown when it applies)	10–800 %, default 200	
Fit (shown when it applies)	Keep the slide's shape · Exact size, letterboxed · Exact size, cropped to fill · Exact size, stretched	Only matters when the size isn't the slide's shape — a 4:3 deck into 1920 × 1080, say.
Bars (shown when it applies)	default #000000	
Quality	1–100, default 90	
File names	default {deck}-{nn}	{deck} the file name · {n} slide number · {nn}/{nnn} zero-padded · {title} slide title · {i} position in the export

WebP (.webp)

Smaller than JPEG at the same quality, or lossless and smaller than PNG.

Option	Choices	Notes
Size	Slide's own size (96 dpi) · HD 1280 × 720 · Full HD 1920 × 1080 · QHD 2560 × 1440 · 4K UHD 3840 × 2160 · 5K 5120 × 2880 · 8K 7680 × 4320 · Width... · Height... · Width × height... · Print resolution (dpi)... · Scale (% of slide size)...	
Width (shown when it applies)	16–16384 px, default 1920	
Height (shown when it applies)	16–16384 px, default 1080	
Resolution (shown when it applies)	36–1200 dpi, default 300	
Scale (shown when it applies)	10–800 %, default 200	
Fit (shown when it applies)	Keep the slide's shape · Exact size, letterboxed · Exact size, cropped to fill · Exact size, stretched	Only matters when the size isn't the slide's shape — a 4:3 deck into 1920 × 1080, say.
Bars (shown when it applies)	default <code>#000000</code>	
Quality	1–100, default 85	
Lossless	off	
File names	default <code>{deck}-{nn}</code>	<code>{deck}</code> the file name · <code>{n}</code> slide number · <code>{nn}/{nnn}</code> zero-padded · <code>{title}</code> slide title · <code>{i}</code> position in the export

AVIF (`.avif`)

The smallest of the lot. Slow to encode — this runs in the pane, not on a GPU.

Option	Choices	Notes
Size	Slide's own size (96 dpi) · HD 1280 × 720 · Full HD 1920 × 1080 · QHD 2560 × 1440 · 4K UHD 3840 × 2160 · 5K 5120 × 2880 · 8K 7680 × 4320 · Width... · Height... · Width × height... · Print resolution (dpi)... · Scale (% of slide size)...	
Width (shown when it applies)	16–16384 px, default 1920	
Height (shown when it applies)	16–16384 px, default 1080	
Resolution (shown when it applies)	36–1200 dpi, default 300	
Scale (shown when it applies)	10–800 %, default 200	
Fit (shown when it applies)	Keep the slide's shape · Exact size, letterboxed · Exact size, cropped to fill · Exact size, stretched	Only matters when the size isn't the slide's shape — a 4:3 deck into 1920 × 1080, say.
Bars (shown when it applies)	default #000000	
Quality	1–100, default 60	
Encoder speed	0–10, default 7	0 is smallest and slowest; 10 is quick and a bit bigger.
File names	default {deck}-{nn}	{deck} the file name · {n} slide number · {nn}/{nnn} zero-padded · {title} slide title · {i} position in the export

TIFF (.tif)

Lossless, with real DPI — for print shops and DTP. One file per slide, or one multi-page file.

Option	Choices	Notes
Size	Slide's own size (96 dpi) · HD 1280 × 720 · Full HD 1920 × 1080 · QHD 2560 × 1440 · 4K UHD 3840 × 2160 · 5K 5120 × 2880 · 8K 7680 × 4320 · Width... · Height... · Width × height... · Print resolution (dpi)... · Scale (% of slide size)...	
Width (shown when it applies)	16–16384 px, default 1920	
Height (shown when it applies)	16–16384 px, default 1080	
Resolution (shown when it applies)	36–1200 dpi, default 300	
Scale (shown when it applies)	10–800 %, default 200	
Fit (shown when it applies)	Keep the slide's shape · Exact size, letterboxed · Exact size, cropped to fill · Exact size, stretched	Only matters when the size isn't the slide's shape — a 4:3 deck into 1920 × 1080, say.
Bars (shown when it applies)	default #000000	
Compression	LZW (reads everywhere) · Deflate / ZIP (smaller) · PackBits · None	
One multi-page file	off	
File names	default {deck}-{nn}	{deck} the file name · {n} slide number · {nn}/{nnn} zero-padded · {title} slide title · {i} position in the export

BMP (.bmp)

24-bit Windows bitmap, uncompressed — for the kit that still insists.

Option	Choices	Notes
Size	Slide's own size (96 dpi) · HD 1280 × 720 · Full HD 1920 × 1080 · QHD 2560 × 1440 · 4K UHD 3840 × 2160 · 5K 5120 × 2880 · 8K 7680 × 4320 · Width... · Height... · Width × height... · Print resolution (dpi)... · Scale (% of slide size)...	
Width (shown when it applies)	16–16384 px, default 1920	
Height (shown when it applies)	16–16384 px, default 1080	
Resolution (shown when it applies)	36–1200 dpi, default 300	
Scale (shown when it applies)	10–800 %, default 200	
Fit (shown when it applies)	Keep the slide's shape · Exact size, letterboxed · Exact size, cropped to fill · Exact size, stretched	Only matters when the size isn't the slide's shape — a 4:3 deck into 1920 × 1080, say.
Bars (shown when it applies)	default <code>#000000</code>	
File names	default <code>{deck}-{nn}</code>	<code>{deck}</code> the file name · <code>{n}</code> slide number · <code>{nn}/{nnn}</code> zero-padded · <code>{title}</code> slide title · <code>{i}</code> position in the export

TGA (.tga)

Targa, 24-bit — the still format older media servers and vision mixers load.

Option	Choices	Notes
Size	Slide's own size (96 dpi) · HD 1280 × 720 · Full HD 1920 × 1080 · QHD 2560 × 1440 · 4K UHD 3840 × 2160 · 5K 5120 × 2880 · 8K 7680 × 4320 · Width... · Height... · Width × height... · Print resolution (dpi)... · Scale (% of slide size)...	
Width (shown when it applies)	16–16384 px, default 1920	
Height (shown when it applies)	16–16384 px, default 1080	
Resolution (shown when it applies)	36–1200 dpi, default 300	
Scale (shown when it applies)	10–800 %, default 200	
Fit (shown when it applies)	Keep the slide's shape · Exact size, letterboxed · Exact size, cropped to fill · Exact size, stretched	Only matters when the size isn't the slide's shape — a 4:3 deck into 1920 × 1080, say.
Bars (shown when it applies)	default #000000	
Run-length compressed	on	Smaller. Turn it off for kit that only reads raw Targa.
File names	default {deck}-{nn}	{deck} the file name · {n} slide number · {nn}/{nnn} zero-padded · {title} slide title · {i} position in the export

GIF (still) (.gif)

256 colours at most. Fine for diagrams, unkind to photos.

Option	Choices	Notes
Size	Slide's own size (96 dpi) · HD 1280 × 720 · Full HD 1920 × 1080 · QHD 2560 × 1440 · 4K UHD 3840 × 2160 · 5K 5120 × 2880 · 8K 7680 × 4320 · Width... · Height... · Width × height... · Print resolution (dpi)... · Scale (% of slide size)...	
Width (shown when it applies)	16–16384 px, default 1920	
Height (shown when it applies)	16–16384 px, default 1080	
Resolution (shown when it applies)	36–1200 dpi, default 300	
Scale (shown when it applies)	10–800 %, default 200	
Fit (shown when it applies)	Keep the slide's shape · Exact size, letterboxed · Exact size, cropped to fill · Exact size, stretched	Only matters when the size isn't the slide's shape — a 4:3 deck into 1920 × 1080, say.
Bars (shown when it applies)	default #000000	
Colours	2–256, default 256	
Dither	on	Smooths gradients into dots instead of bands.
File names	default {deck}-{nn}	{deck} the file name · {n} slide number · {nn}/{nnn} zero-padded · {title} slide title · {i} position in the export

SVG (.svg)

The slide as a picture inside an SVG, with its links still clickable and its text still findable.

Option	Choices	Notes
Size	Slide's own size (96 dpi) · HD 1280 × 720 · Full HD 1920 × 1080 · QHD 2560 × 1440 · 4K UHD 3840 × 2160 · 5K 5120 × 2880 · 8K 7680 × 4320 · Width... · Height... · Width × height... · Print resolution (dpi)... · Scale (% of slide size)...	
Width (shown when it applies)	16–16384 px, default 1920	
Height (shown when it applies)	16–16384 px, default 1080	
Resolution (shown when it applies)	36–1200 dpi, default 300	
Scale (shown when it applies)	10–800 %, default 200	
Picture inside	PNG (sharp) · JPEG (small)	
Quality (shown when it applies)	1–100, default 88	
Clickable links	on	
Invisible text layer	on	Lets search, screen readers and copy-paste find the words.
File names	default <code>{deck}-{nn}</code>	<code>{deck}</code> the file name · <code>{n}</code> slide number · <code>{nn}/{nnn}</code> zero-padded · <code>{title}</code> slide title · <code>{i}</code> position in the export

Contact sheet (`.png` / `.jpg`)

Every slide as a thumbnail on one big picture — for running orders and sign-off.

Option	Choices	Notes
Columns	1–12, default 4	
Thumbnail width	80–1920 px, default 480	
Gap	0–200 px, default 24	
Labels	None · Slide number · Number and title	
Background	default #1f2328	
Label colour	default #f0f0f0	
Mark hidden slides	on	
Save as	PNG · JPEG	

Documents

PDF — PowerPoint (vector) (.pdf)

PowerPoint's own PDF: sharp at any zoom, text selectable. Trimmed to your slide range, or one file per slide.

Option	Choices	Notes
One PDF per slide	off	
File names (shown when it applies)	default {deck}-{nn}	{deck} the file name · {n} slide number · {nn}/{nnn} zero-padded · {title} slide title · {i} position in the export
Bookmarks from slide titles	on	
Title and author from the deck	on	

PDF — pictures (.pdf)

Every slide as a picture at the resolution you choose. Hidden slides included, size under your control, looks identical everywhere.

Option	Choices	Notes
Resolution	36–600 dpi, default 150	
Pictures as	JPEG (small) · PNG (lossless, big)	
JPEG quality (shown when it applies)	10–100, default 85	
Keep links clickable	on	
Bookmarks from slide titles	on	

Handouts (.pdf)

Several slides to a page — 1, 2, 3 with lines for notes, 4, 6 or 9 — as PowerPoint prints them, minus the print dialog.

Option	Choices	Notes
Slides per page	1 · 2 · 3, with lines for notes · 4 · 6 · 9	
Orientation	Portrait · Landscape	
Paper	A4 · US Letter · US Legal · A3 · Tabloid	
Slides drawn from	PowerPoint's PDF (vector) · Pictures	Vector is sharper and smaller. Pictures don't need PowerPoint's PDF and include hidden slides as drawn.
Resolution (shown when it applies)	36–600 dpi, default 200	
Pictures as (shown when it applies)	JPEG (small) · PNG (lossless, big)	
JPEG quality (shown when it applies)	10–100, default 85	
Header	default {deck}	{deck} and {date} are filled in.
Footer	default {date}	
Page numbers	on	
Frame round each slide	on	
Slide numbers	on	

Notes pages (.pdf)

One slide a page with its speaker notes underneath, running onto more pages when the notes do.

Option	Choices	Notes
Paper	A4 · US Letter · US Legal · A3 · Tabloid	
Slides drawn from	PowerPoint's PDF (vector) · Pictures	Vector is sharper and smaller. Pictures don't need PowerPoint's PDF and include hidden slides as drawn.
Resolution (shown when it applies)	36–600 dpi, default 200	
Pictures as (shown when it applies)	JPEG (small) · PNG (lossless, big)	
JPEG quality (shown when it applies)	10–100, default 85	
Header	default {deck}	{deck} and {date} are filled in.
Footer	default {date}	
Page numbers	on	
Notes size	7–24 pt, default 12	
Frame round the slide	on	
Leave out slides with no notes	off	

OpenDocument (pictures) (.odp)

An .odp of slide pictures with the speaker notes, for LibreOffice and anywhere that asks for ODF.

Option	Choices	Notes
Size	Slide's own size (96 dpi) · HD 1280 × 720 · Full HD 1920 × 1080 · QHD 2560 × 1440 · 4K UHD 3840 × 2160 · 5K 5120 × 2880 · 8K 7680 × 4320 · Width... · Height... · Width × height... · Print resolution (dpi)... · Scale (% of slide size)...	
Width (shown when it applies)	16–16384 px, default 1920	
Height (shown when it applies)	16–16384 px, default 1080	
Resolution (shown when it applies)	36–1200 dpi, default 300	
Scale (shown when it applies)	10–800 %, default 200	
Pictures	PNG (sharp) · JPEG (smaller)	
Quality (shown when it applies)	1–100, default 88	
Speaker notes	on	

Word document (notes) (.docx)

PowerPoint's "Create Handouts in Word": slide pictures with the speaker notes, or with lines to write on.

Option	Choices	Notes
Layout	Notes next to slides · Notes below slides · Blank lines below slides	
Picture width (shown when it applies)	3–25 cm, default 15	
Picture width (shown when it applies)	3–12 cm, default 8	
Paper	A4 · US Letter	
Slide text too	off	The words on each slide under its heading, so the handout can be searched and edited.
Pictures	PNG (sharp) · JPEG (smaller)	
Quality (shown when it applies)	1–100, default 88	
Picture resolution	480–3840 px, default 1280	1280 pixels is plenty for print at these sizes.

Web

Web presentation (HTML5) (`.html`)

Plays in any browser, even straight from disk: keys, clicks and swipes, working links and video, a presenter view with your notes.

Option	Choices	Notes
Packaging	A folder: index.html and its files · One self-contained .html file	A folder is lighter and starts quicker. One file is easier to email, but every picture rides inside it as text, about a third bigger, and video and audio only go in while they total 40 MB or less.
Slide pictures	WebP (smallest) · JPEG · PNG (lossless, biggest)	WebP is roughly a third the size of JPEG for slides, and every current browser shows it.
Quality (shown when it applies)	1–100, default 85	
Size	Slide's own size (96 dpi) · HD 1280 × 720 · Full HD 1920 × 1080 · QHD 2560 × 1440 · 4K UHD 3840 × 2160 · 5K 5120 × 2880 · 8K 7680 × 4320 · Width... · Height... · Width × height... · Scale (% of slide size)...	
Width (shown when it applies)	16–16384 px, default 1920	
Height (shown when it applies)	16–16384 px, default 1080	
Resolution (shown when it applies)	36–1200 dpi, default 300	
Scale (shown when it applies)	10–800 %, default 200	
Transitions	As in the deck · Fade, every slide · Slide, every slide · None	From the deck, fades and dissolves play as a fade; push, wipe, cover, uncover and split as a slide; anything fancier as a fade. Anyone who asks their system for less motion gets a cut.
Transition length (shown when it applies)	0–5000 ms, default 0	0 keeps each slide's own.
Advance	On a click or key only · Slide timings, as set up in PowerPoint · Every few seconds	Timings are each slide's "After" time, and only when Slide Show › Use Timings is on. A playing video holds the slide.
Seconds per slide (shown when it applies)	1–3600 s, default 8	

Option	Choices	Notes
At the end	As set up in PowerPoint · Loop back to the start · Stop on the last slide	
Control bar	on	
Progress bar	on	
Slide counter	on	
Speaker notes and presenter view	off	Off leaves the notes out of the files altogether, not merely out of sight — worth it when they were for your eyes only and the export is going to anyone else.
Clickable links	on	
Video and audio	on	Copies embedded video and audio out of the deck to play over the slide. Linked media was never in the deck file, so it can't come along.
Page title	empty by default	
Background	default #000000	Around the slide when the window is a different shape.
Controls	Dark · Light	

reveal.js (.html)

A reveal.js presentation: each slide's picture as its background, links still clickable, notes in reveal's speaker view.

Option	Choices	Notes
reveal.js from	jsDelivr, pinned to 6.0.2 (needs the internet) · Copied into the export (works offline)	
Slide pictures	WebP (smallest) · JPEG · PNG (lossless, biggest)	WebP is roughly a third the size of JPEG for slides, and every current browser shows it.
Quality (shown when it applies)	1–100, default 85	
Size	Slide's own size (96 dpi) · HD 1280 × 720 · Full HD 1920 × 1080 · QHD 2560 × 1440 · 4K UHD 3840 × 2160 · 5K 5120 × 2880 · 8K 7680 × 4320 · Width... · Height... · Width × height... · Scale (% of slide size)...	
Width (shown when it applies)	16–16384 px, default 1920	
Height (shown when it applies)	16–16384 px, default 1080	
Resolution (shown when it applies)	36–1200 dpi, default 300	
Scale (shown when it applies)	10–800 %, default 200	
Transition	As in the deck · None · Fade · Slide · Convex · Concave · Zoom	
Arrows	on	
Progress bar	on	
Slide numbers	on	
Slide number in the address	on	So a reload, or a link someone sends, lands on the same slide.
Speaker notes (S)	off	Off leaves the notes out of the files altogether, not merely out of sight — worth it when they were for your eyes only and the export is going to anyone else.
Clickable links	on	
Page title	empty by default	
Background	default #000000	

Scrolling page (.html)

Every slide down one long page with its notes underneath. Reads on a phone; prints a slide a page.

Option	Choices	Notes
Packaging	A folder: index.html and its files · One self-contained .html file	A folder is lighter and the pictures load as you scroll. One file is easier to send on, but every picture rides inside it as text, about a third bigger.
Slide pictures	WebP (smallest) · JPEG · PNG (lossless, biggest)	WebP is roughly a third the size of JPEG for slides, and every current browser shows it.
Quality (shown when it applies)	1–100, default 85	
Size	Slide's own size (96 dpi) · HD 1280 × 720 · Full HD 1920 × 1080 · QHD 2560 × 1440 · 4K UHD 3840 × 2160 · 5K 5120 × 2880 · 8K 7680 × 4320 · Width... · Height... · Width × height... · Scale (% of slide size)...	
Width (shown when it applies)	16–16384 px, default 1920	
Height (shown when it applies)	16–16384 px, default 1080	
Resolution (shown when it applies)	36–1200 dpi, default 300	
Scale (shown when it applies)	10–800 %, default 200	
Speaker notes	on	Off leaves the notes out of the files altogether, not merely out of sight — worth it when they were for your eyes only and the export is going to anyone else.
Page title	empty by default	

Video & animation

MP4 (`.mp4`)

H.264, HEVC or AV1 video, timed by the deck or by you. Silent, and each slide as it rests — animations don't play.

Option	Choices	Notes
Size	Slide's own size (96 dpi) · HD 1280 × 720 · Full HD 1920 × 1080 · QHD 2560 × 1440 · 4K UHD 3840 × 2160 · 5K 5120 × 2880 · 8K 7680 × 4320 · Width... · Height... · Width × height... · Print resolution (dpi)... · Scale (% of slide size)...	
Width (shown when it applies)	16–16384 px, default 1920	
Height (shown when it applies)	16–16384 px, default 1080	
Resolution (shown when it applies)	36–1200 dpi, default 300	
Scale (shown when it applies)	10–800 %, default 200	
Fit (shown when it applies)	Keep the slide's shape · Exact size, letterboxed · Exact size, cropped to fill · Exact size, stretched	Only matters when the size isn't the slide's shape — a 4:3 deck into 1920 × 1080, say.
Bars (shown when it applies)	default #000000	
Frame rate	24 fps · 25 fps · 30 fps · 50 fps · 60 fps	Only crossfades move, so more frames mostly buys smoother fades.
Codec	H.264 · HEVC (H.265) · AV1	H.264 plays everywhere. HEVC and AV1 are smaller for the same quality, but older players and editors may not open them.
Quality	Low · Medium · High · Very high · Bitrate...	Medium is about 8 Mbps for H.264 at 1080p30, scaled for the size, frame rate and codec.
Bitrate (shown when it applies)	0.2–200 Mbps, default 8	Used as given, whatever the size or codec.
Seconds per slide	0.5–600 s, default 5	

Option	Choices	Notes
Use the deck's slide timings where set	on	Slides with a rehearsed or "After" timing stay up that long; the rest get the seconds above.
Transitions	Where the deck has them · Crossfade every change · Straight cuts	Every transition is played as a crossfade — a push or a vortex included. "Where the deck has them" keeps each one's own length.
Crossfade (shown when it applies)	0–10 s, default 0.5	Added between slides, not taken from their time.
Frames	Every frame · One per slide	Every frame keeps editors and fussy players happy. One per slide holds each slide as a single long frame — a far smaller file that players are fine with, though editors may complain.
Captions	None · Speaker notes as .srt · Speaker notes as .vtt	A subtitle file beside the video: each slide's notes for as long as it is up. Slides without notes get no caption.

WebM (`.webm`)

VP9, VP8 or AV1 for the web. Silent, and each slide as it rests — animations don't play.

Option	Choices	Notes
Size	Slide's own size (96 dpi) · HD 1280 × 720 · Full HD 1920 × 1080 · QHD 2560 × 1440 · 4K UHD 3840 × 2160 · 5K 5120 × 2880 · 8K 7680 × 4320 · Width... · Height... · Width × height... · Print resolution (dpi)... · Scale (% of slide size)...	
Width (shown when it applies)	16–16384 px, default 1920	
Height (shown when it applies)	16–16384 px, default 1080	
Resolution (shown when it applies)	36–1200 dpi, default 300	
Scale (shown when it applies)	10–800 %, default 200	
Fit (shown when it applies)	Keep the slide's shape · Exact size, letterboxed · Exact size, cropped to fill · Exact size, stretched	Only matters when the size isn't the slide's shape — a 4:3 deck into 1920 × 1080, say.
Bars (shown when it applies)	default #000000	
Frame rate	24 fps · 25 fps · 30 fps · 50 fps · 60 fps	Only crossfades move, so more frames mostly buys smoother fades.
Codec	VP9 · VP8 · AV1	VP9 plays in every current browser. VP8 for elderly ones; AV1 is smallest and slowest to make.
Quality	Low · Medium · High · Very high · Bitrate...	Medium is about 8 Mbps for H.264 at 1080p30, scaled for the size, frame rate and codec.
Bitrate (shown when it applies)	0.2–200 Mbps, default 8	Used as given, whatever the size or codec.
Seconds per slide	0.5–600 s, default 5	
Use the deck's slide timings	on	Slides with a rehearsed or "After" timing stay up that long; the rest get

Option	Choices	Notes
where set		the seconds above.
Transitions	Where the deck has them · Crossfade every change · Straight cuts	Every transition is played as a crossfade — a push or a vortex included. "Where the deck has them" keeps each one's own length.
Crossfade (shown when it applies)	0–10 s, default 0.5	Added between slides, not taken from their time.
Frames	Every frame · One per slide	Every frame keeps editors and fussy players happy. One per slide holds each slide as a single long frame — a far smaller file that players are fine with, though editors may complain.
Captions	None · Speaker notes as .srt · Speaker notes as .vtt	A subtitle file beside the video: each slide's notes for as long as it is up. Slides without notes get no caption.

Animated GIF (`.gif`)

The deck as a looping GIF for chat, email and READMEs. 256 colours at most, and no sound, naturally.

Option	Choices	Notes
Width	16–1920 px, default 960	
Seconds per slide	0.5–600 s, default 5	
Use the deck's slide timings where set	on	Slides with a rehearsed or "After" timing stay up that long; the rest get the seconds above.
Colours	2–256, default 128	
Dither	on	Smooths gradients into dots instead of bands.
Loop	Forever · Play once · Three times	
Crossfade frames	0–12, default 0	Frames blended between slides, 50 ms each. Every one is a whole picture, so they add up.

LaTeX, Markdown & data

LaTeX (Beamer) (`.tex` + files)

A Beamer deck that compiles: either the slides exactly as drawn, or rebuilt as editable LaTeX. Or an article with the notes.

Option	Choices	Notes
Slides as	Editable LaTeX (rebuilt) · Pictures of the slides (exact)	
Pictures from (shown when it applies)	PowerPoint's PDF (vector) · PNG files	Hidden slides aren't in PowerPoint's PDF; any being exported come across as PNGs.
Document	Beamer slides · Article (slides with notes, for print)	
Engine	XeLaTeX · LuaLaTeX · pdfLaTeX	XeLaTeX and LuaLaTeX take any script. pdfLaTeX is the oldest and pickiest: characters it has no way to set become ?.
Main font (shown when it applies)	empty by default	Empty keeps Latin Modern. Pick one you have installed that covers your text.
CJK font (shown when it applies)	empty by default	Only matters if the deck has Chinese, Japanese or Korean text. Empty lets xeCJK use TeX Live's own (Fandol), which compiles anywhere.
Beamer theme (shown when it applies)	default · Madrid · Boadilla · CambridgeUS · Singapore · Warsaw · metropolis	
Speaker notes (shown when it applies)	Leave out · \note{} (hidden unless you ask) · Notes on a second screen	
Include speaker notes (shown when it applies)	on	
Sections from the deck	on	
Keep links	on	
Charts and diagrams as pictures (shown when it applies)	on	
Picture width	640–7680 px, default 1920	

Markdown (`.md` + images)

Plain Markdown for notes and wikis, Marp or Pandoc/Quarto slides — the words rebuilt, the slide pictures alongside, or both.

Option	Choices	Notes
Flavour	Markdown (GitHub-flavoured) document · Marp slides · Pandoc / Quarto slides	
Slides as	Text only · Pictures only · Text and pictures	
Speaker notes	on	
Pictures as (shown when it applies)	PNG · JPEG · WebP	
Picture width (shown when it applies)	320–7680 px, default 1600	
Charts and diagrams as pictures (shown when it applies)	on	

Outline (`.txt` / `.rtf` / `.opml`)

The deck's words as an outline: tab-indented text, RTF that PowerPoint reads straight back in, or OPML for outliners.

Option	Choices	Notes
Save as	RTF (PowerPoint outline) · Text, tab-indented · OPML	

Speaker notes (`.txt` / `.md`)

Just the notes, slide by slide — a script to rehearse from, or hand to the autocue.

Option	Choices	Notes
Save as	Plain text · Markdown	
Slide numbers and titles	on	
Each slide's own text too	off	
Leave out slides with no notes	off	

CSV (`.csv`)

One row per slide — number, title, section, hidden, timings, word count, notes — for a running order or a spreadsheet.

Option	Choices	Notes
Separator	Comma · Semicolon (European Excel) · Tab	
Notes column	on	
Slide text column	off	
Mark as UTF-8 for Excel	on	Adds a byte-order mark so Excel reads accents and non-Latin text correctly.

JSON (.json)

Everything the exporter read from the deck — text with formatting, notes, links, geometry, transitions — for scripts.

Option	Choices	Notes
Shape positions	on	
Formatting (runs, levels)	on	
Indented	on	

PowerPoint & Office

PowerPoint file (.pptx / .ppsx / .potx)

The deck itself, as a .pptx, a show that opens straight into presenting, or a template — trimmed to the slides you picked.

Option	Choices	Notes
Save as	Presentation (.pptx) · Slide show (.ppsx) — opens straight into the show · Template (.potx)	
Only the slides being exported	on	Off keeps every slide in the deck.
Leave out hidden slides	off	
Remove speaker notes	off	
Remove comments	off	Old-style and modern comments, and the list of who wrote them.
Remove names from the file	off	Clears author, last modified by, manager and company. The title stays. Comments keep their authors unless they go too.

One file per slide (.pptx)

Each slide as a .pptx of its own, masters, notes and media included. PowerPoint does the cutting.

Option	Choices	Notes
File names	default {deck}-{nn}	{deck} the file name · {n} slide number · {nn}/{nnn} zero-padded · {title} slide title · {i} position in the export

Flattened deck (pictures) (.pptx)

Every slide as one picture in a fresh deck, notes, transitions and links kept — it plays the same on a machine without your fonts.

Option	Choices	Notes
Size	Slide's own size (96 dpi) · HD 1280 × 720 · Full HD 1920 × 1080 · QHD 2560 × 1440 · 4K UHD 3840 × 2160 · 5K 5120 × 2880 · 8K 7680 × 4320 · Width... · Height... · Width × height... · Print resolution (dpi)... · Scale (% of slide size)...	
Width (shown when it applies)	16–16384 px, default 1920	
Height (shown when it applies)	16–16384 px, default 1080	
Resolution (shown when it applies)	36–1200 dpi, default 300	
Scale (shown when it applies)	10–800 %, default 200	
Pictures	PNG (sharp) · JPEG (smaller)	
Quality (shown when it applies)	1–100, default 88	
Speaker notes	on	
Transitions and timings	on	Effects PowerPoint 2007 never had become a fade.
Clickable links	on	A clear shape over each link, pointing where the original did.

The HTML5 presentation

The **Web presentation (HTML5)** export is a folder (or one self-contained .html file) that plays the deck in any browser, offline.

Key	Does
→ ↓ Space Page Down Enter N, click, swipe left	Next slide
← ↑ Page Up Backspace P, swipe right	Previous slide
Home / End	First / last slide
A number, then Enter	Go to that slide
O or Esc	All slides
F	Full screen
B or . / W or ,	Black / white screen
S	Presenter view (current, next, notes, timer) in a second window
?	Help

#/7 at the end of the address opens slide 7. Links on the slides are clickable where the picture can say where they are, and every link is in the page's text for screen readers and Find. Speaker notes are left out of the files unless you turn **Speaker notes** on, since a web presentation tends to get sent on.

Advanced Exporter for PowerPoint · v0.1.0 · guide updated 2026-10-20 · stoatworks-labs.com/software/pptx-exporter-addin/

Latest version of this guide: stoatworks-labs.com/software/pptx-exporter-addin/guide/ · Source and issues: <https://github.com/stoatworks-labs/pptx-exporter-addin>