# Scripting OS X

*Armin Briegel*

*An online presentation on*

# Presenting Online

# Why?

# 2020

# 2021

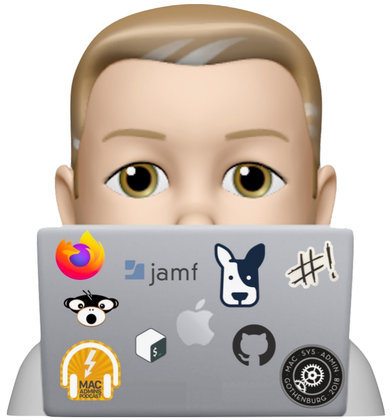
# Remote is here to stay

Remote Work — Work from Home — Hybrid

Less Travel — Smaller Offices

International Participation

On-Stage

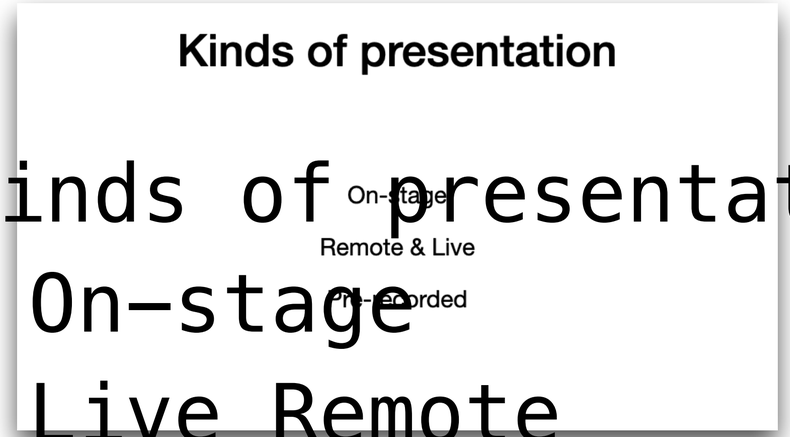


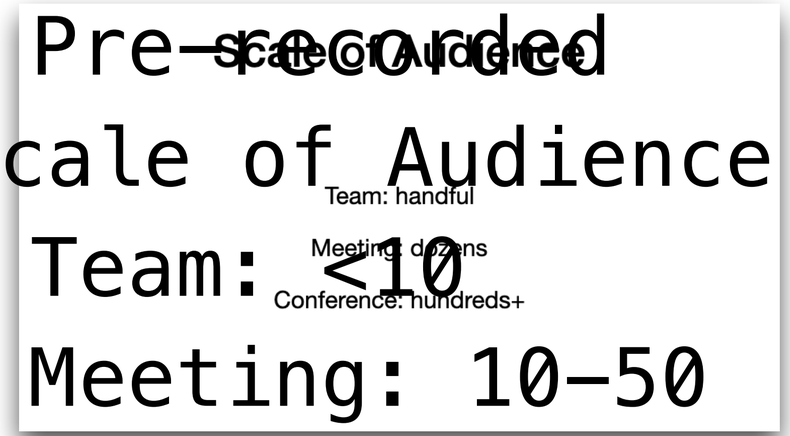

Remote

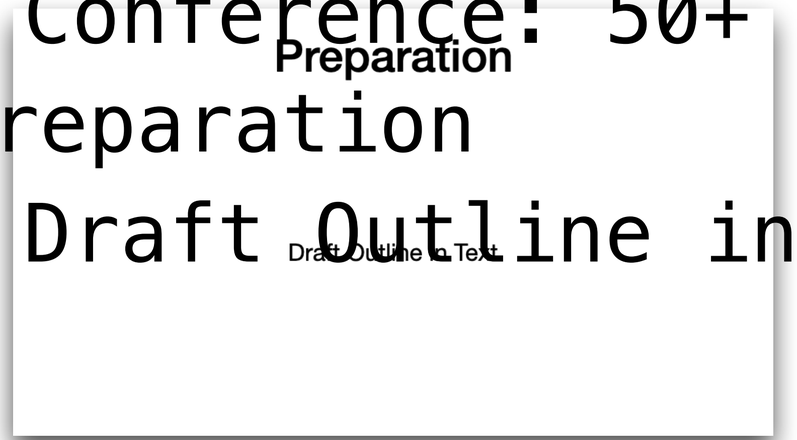
Pre-recorded

# Audience

- Kinds of presentation
  - On-stage
  - Live Remote
  - Pre-recorded
- Scale of Audience
  - Team: <10
  - Meeting: 10-50
  - Conference: 50+
- Preparation
  - Draft Outline in Text




- Kinds of presentation
  - On-stage
  - Live Remote
  - Pre-recorded
- Scale of Audience
  - Team: <10
  - Meeting: 10–50
  - Conference: 50+
- Preparation
  - Draft Outline in Text

## Kinds of presentation

On-stage

Remote & Live

Pre-recorded

## Scale of Audience

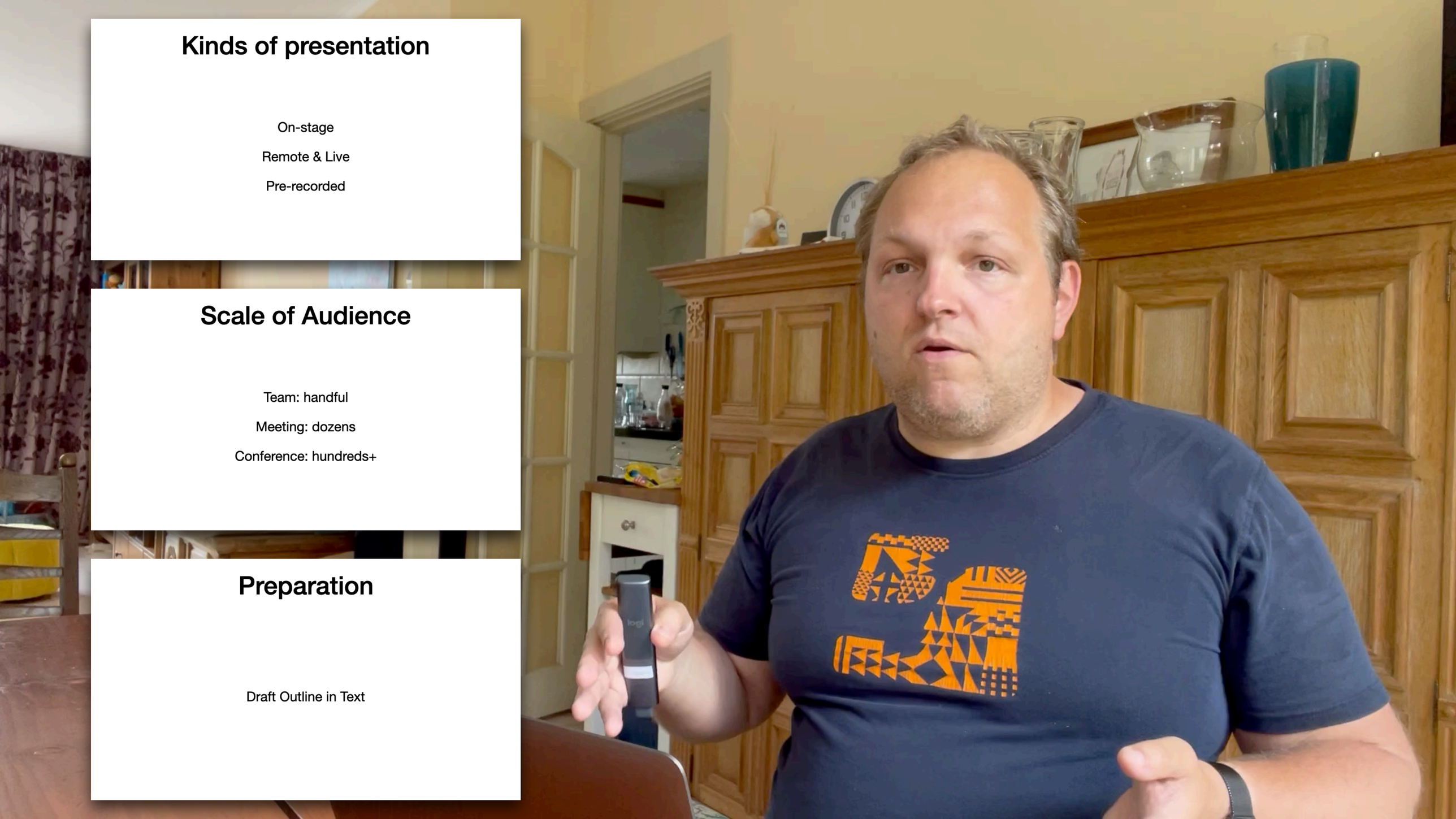
Team: handful

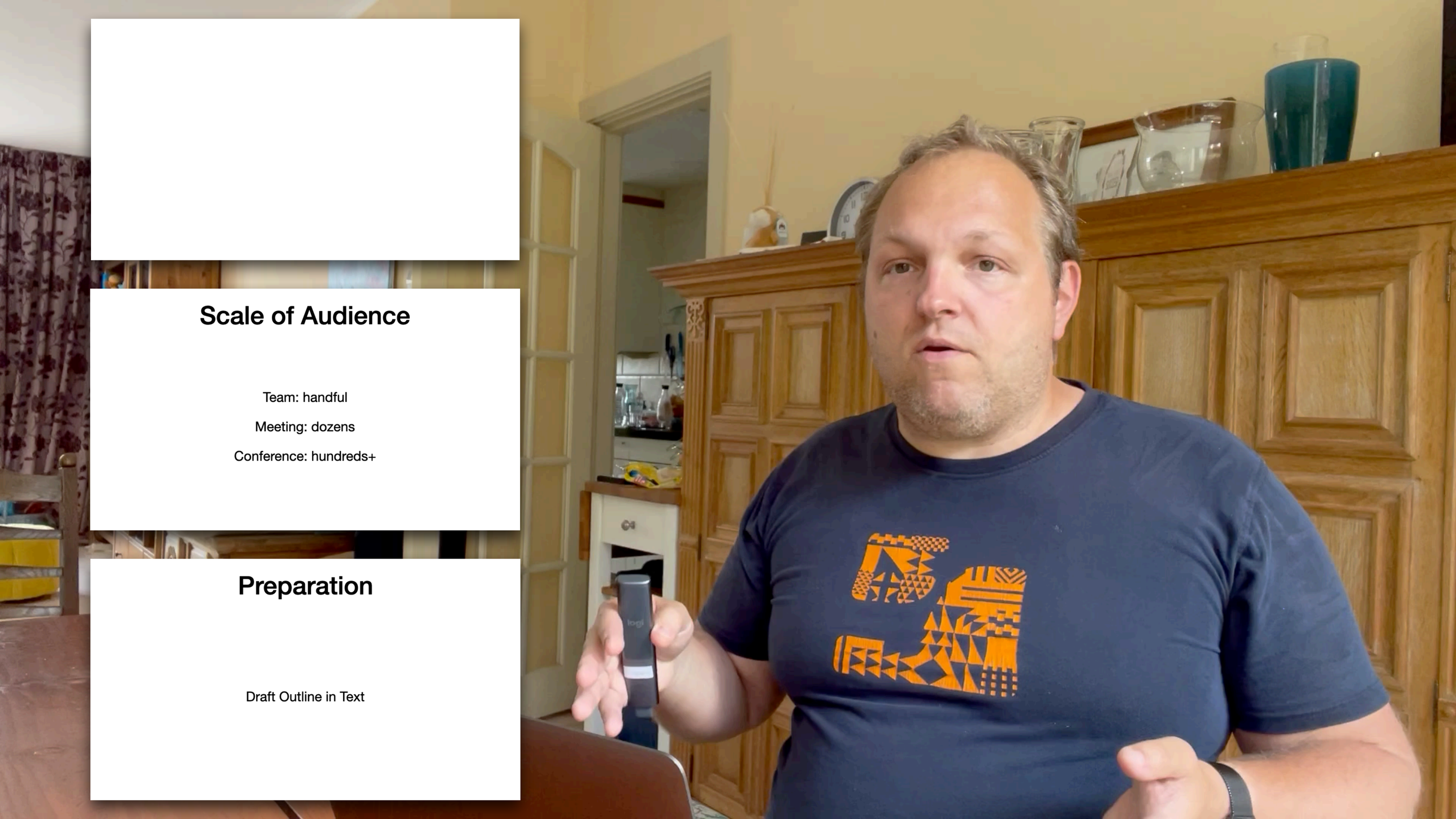
Meeting: dozens

Conference: hundreds+

## Preparation

Draft Outline in Text





## Scale of Audience

Team: handful

Meeting: dozens

Conference: hundreds+

## Preparation

Draft Outline in Text

On-Stage

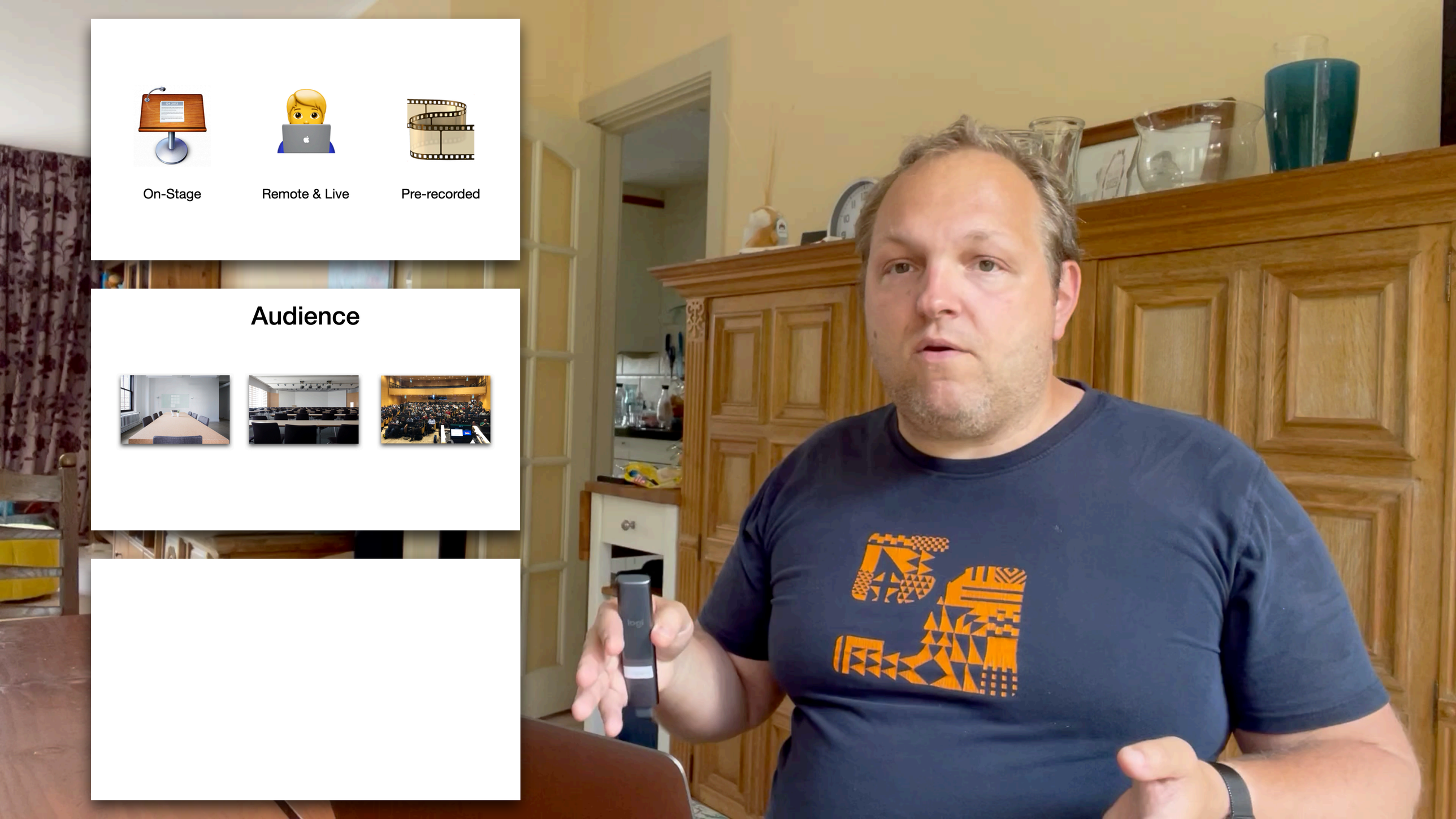
Remote & Live

Pre-recorded

## Audience

## Preparation

Draft Outline in Text

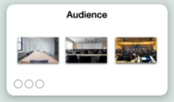

On-Stage
Remote & Live
Pre-recorded
Audience

1

2

3

4




5

6

7

8

9

10

11

#! Drawing

A Armin Briegel

A Scripting O...

Transitions

**Object Revolve**

Change | Preview ▶

**Duration & Direction**

1.5 s

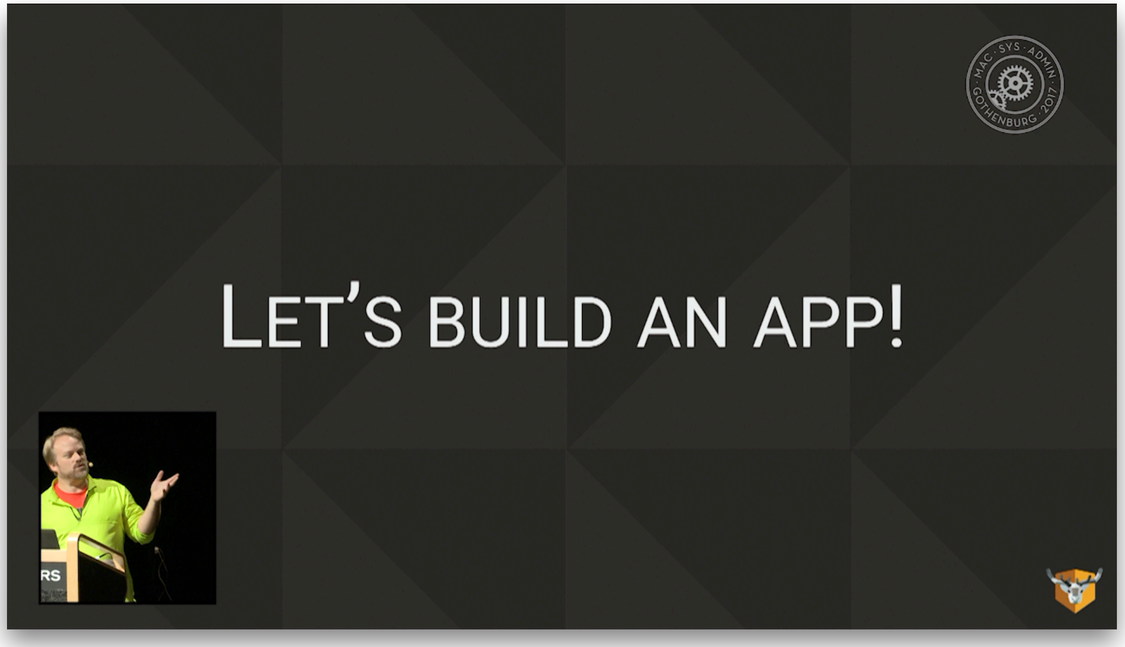
← Right to Left

Bounce

**Start Transition** | **Delay**

On Click | 0.50 s

| Live Demo | Recorded Demo |
| --- | --- |
| failure potential | no failures |
| transition time | seamless |
| confident | less authentic |




NoMAD and the future of Directory Services
Joel Rennich — MacSysAdmin 2017

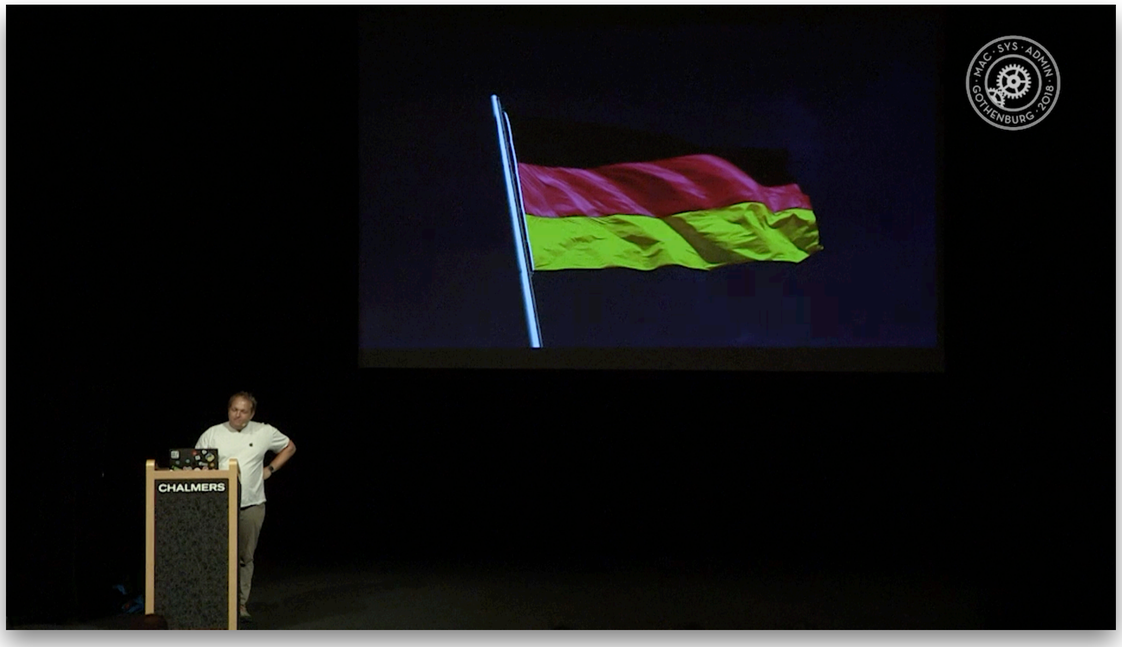
# On-Stage: Projectors

Low Contrast projectors

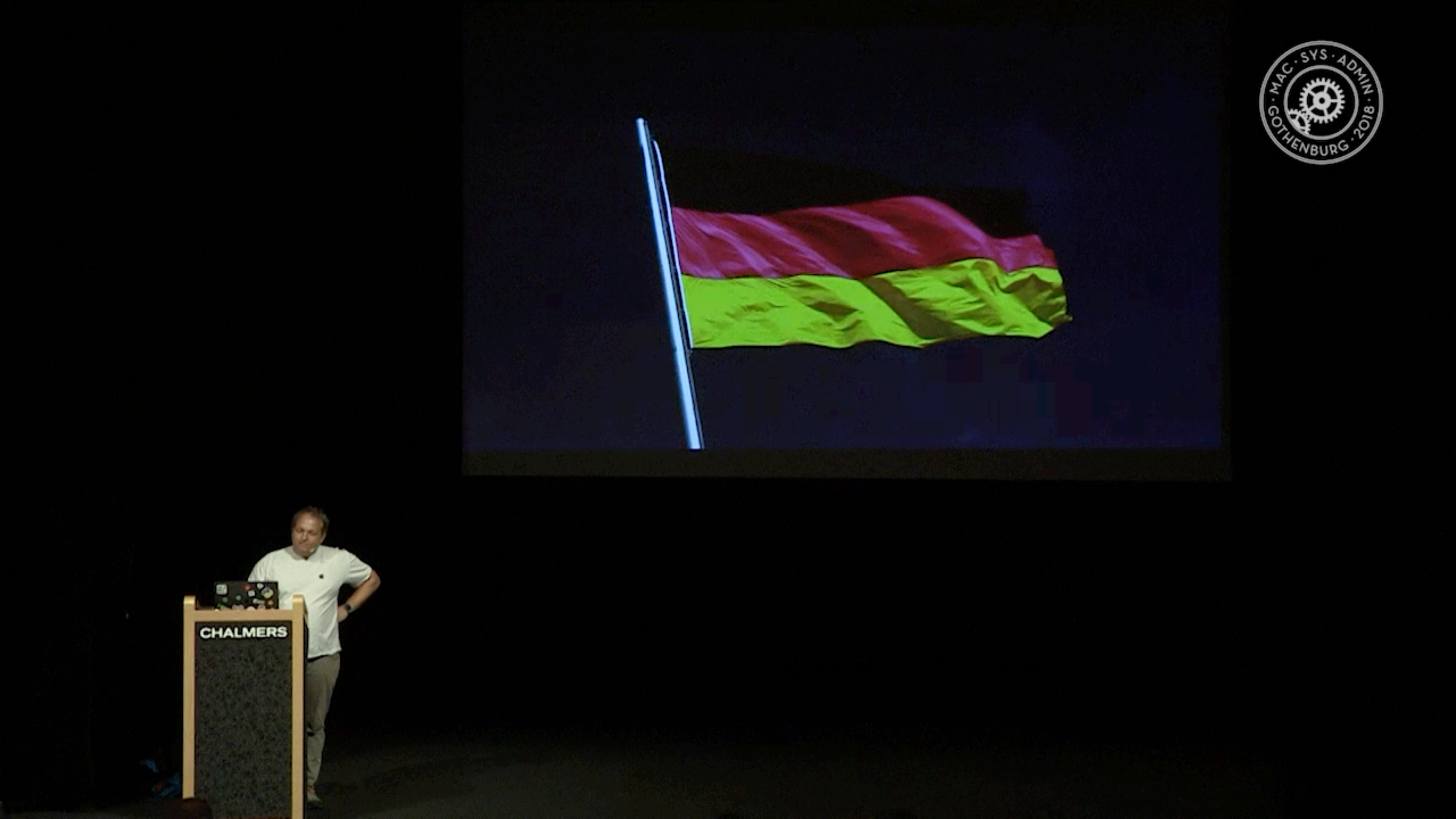
Dark colors are difficult

Light Mode

Few, high contrast colors




Armin Briegel — Swift for Apple Admins— MacSysAdmin 2018


CHALMERS
MAC · SYS · ADMIN · GOTHENBURG · 2018

## On-Stage

---

projectors and large screens

→*high contrast colors*

---

audience far away

→*big text*

---

live audio and video

→*timed animations*

---

Remote

# Feedback

No heckling, no laughs

Watch chat

youtube.com

YouTube NL

Search

SIGN IN

0:42 / 27:55

JNUC

VIRTUAL

CONFERENCE

2020

# Universal PATH folders

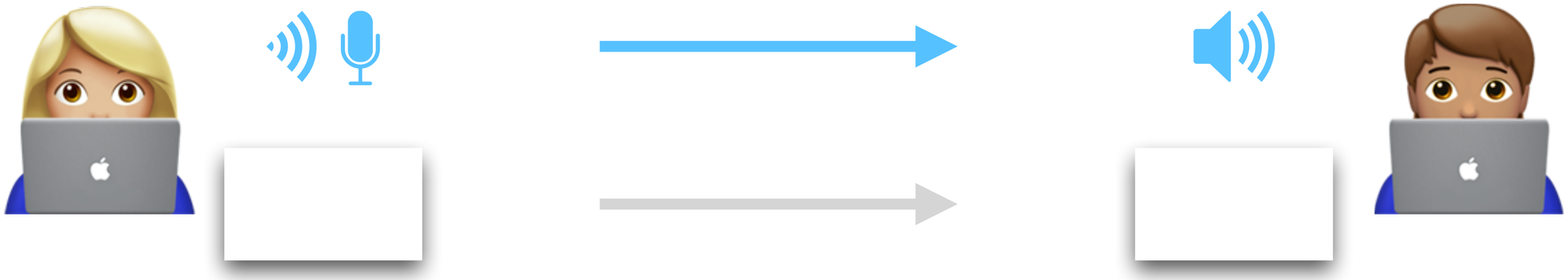
- /bin
- /sbin
- /usr/bin
- /usr/sbin

System Command Line tools

- System Integrity Protection
- read-only system volume

© copyright 2002-2020 Jamf

# Transmission Latency



**On-Stage**

**Remote**

---

projectors and large screens

→*high contrast colors*

high-contrast screens

→*more colors*

---

audience far away

→*big text*

viewer's desk

→*more detail*

---

live audio and video

→*timed animations*

latency and poor frame rate

→*less animations*

---

Keynote File Edit Insert Slide Format Arrange View Play Share Window Help 14:36

MacDeploy2021-Presenting Online — Edited

View Zoom 48% Add Slide Skip Rehearse Play Play in Window Text Shape Comment Collaborate Format Animate Document

1 #! Scripting OS X Armin Briegel

2 An online presentation on Presenting Online

3 On-Stage Remote Pre-recorded

4 Audience

5

6

7

8

9

10

11

# #! Scripting OS X

*Armin Briegel*

# Setup

- Mac

# Setup

- Mac

# Setup

- Mac

# Setup

- Mac
- Microphone

# Setup

- Mac
- Microphone
- Front light

# Setup

- Mac
- Microphone
- Front light

# Setup

- Mac
- Microphone
- Front light
- iPad with Sidecar

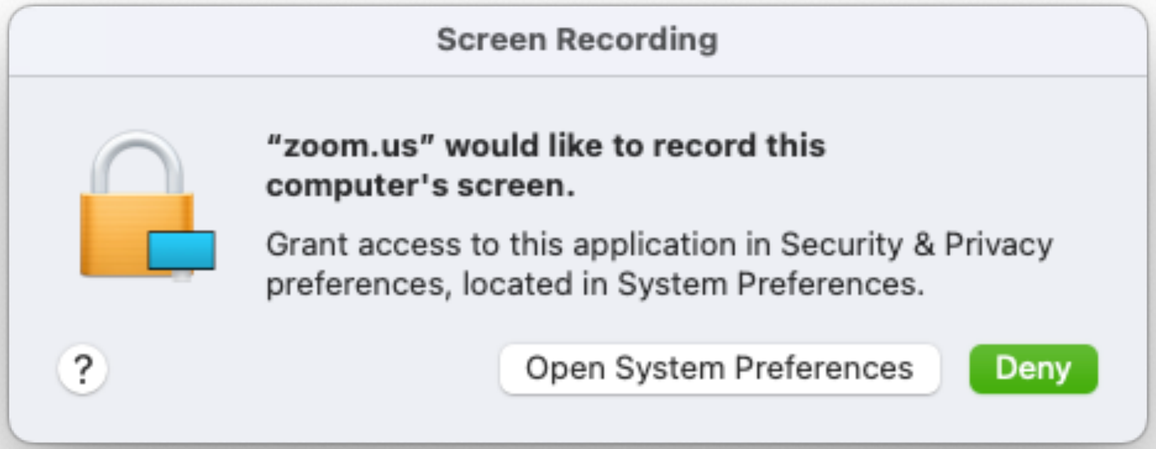
# Setup

- Mac
- Microphone
- Front light
- iPad with Sidecar
- Clicker

# Technical Rehearsal

Install remote software

**Privacy – Screen Recording!**



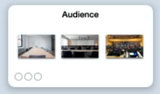
Pre-recorded

| **On-Stage** | **Remote** | **Pre-recorded** |
|---|---|---|
| projectors and large screens<br>→*high contrast colors* | high-contrast screens<br>→*more colors* | high-contrast screens<br>→*more colors* |
| audience far away<br>→*big text* | viewer's desk<br>→*more detail* | viewer's desk<br>→*more detail* |
| live audio and video<br>→*timed animations* | latency and poor frame rate<br>→*less animations* | recorded audio and video<br>→*editing and effects* |
| | | |

1

2

3




4

5

6

7

8

9

10

11

12

00:00:09

Current: Slide 2 of 47

Builds Remaining: 1

Slide 2

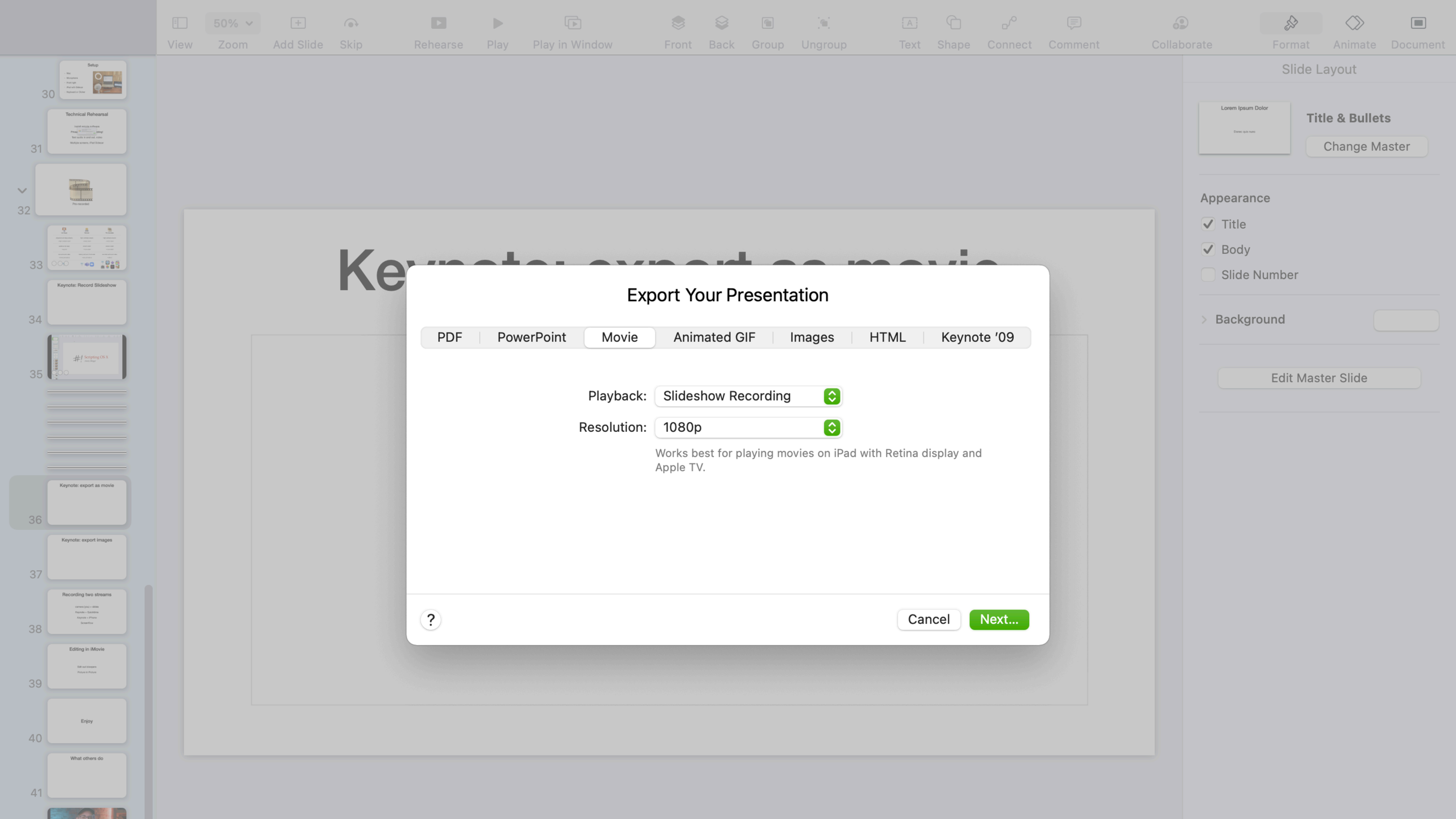
**Are you sure you want to make this edit?**

It might make the recording out of sync with the slideshow. To edit a copy of this presentation instead, click Duplicate.

Edit

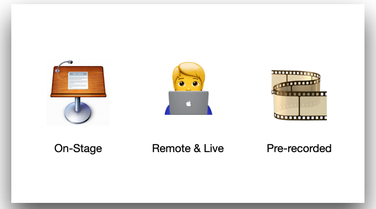
Duplicate

Cancel


Export Your Presentation
PDF
PowerPoint
Movie
Animated GIF
Images
HTML
Keynote '09
Playback:
Slideshow Recording
Resolution:
1080p
Works best for playing movies on iPad with Retina display and Apple TV.
?
Cancel
Next...

# Recording two streams

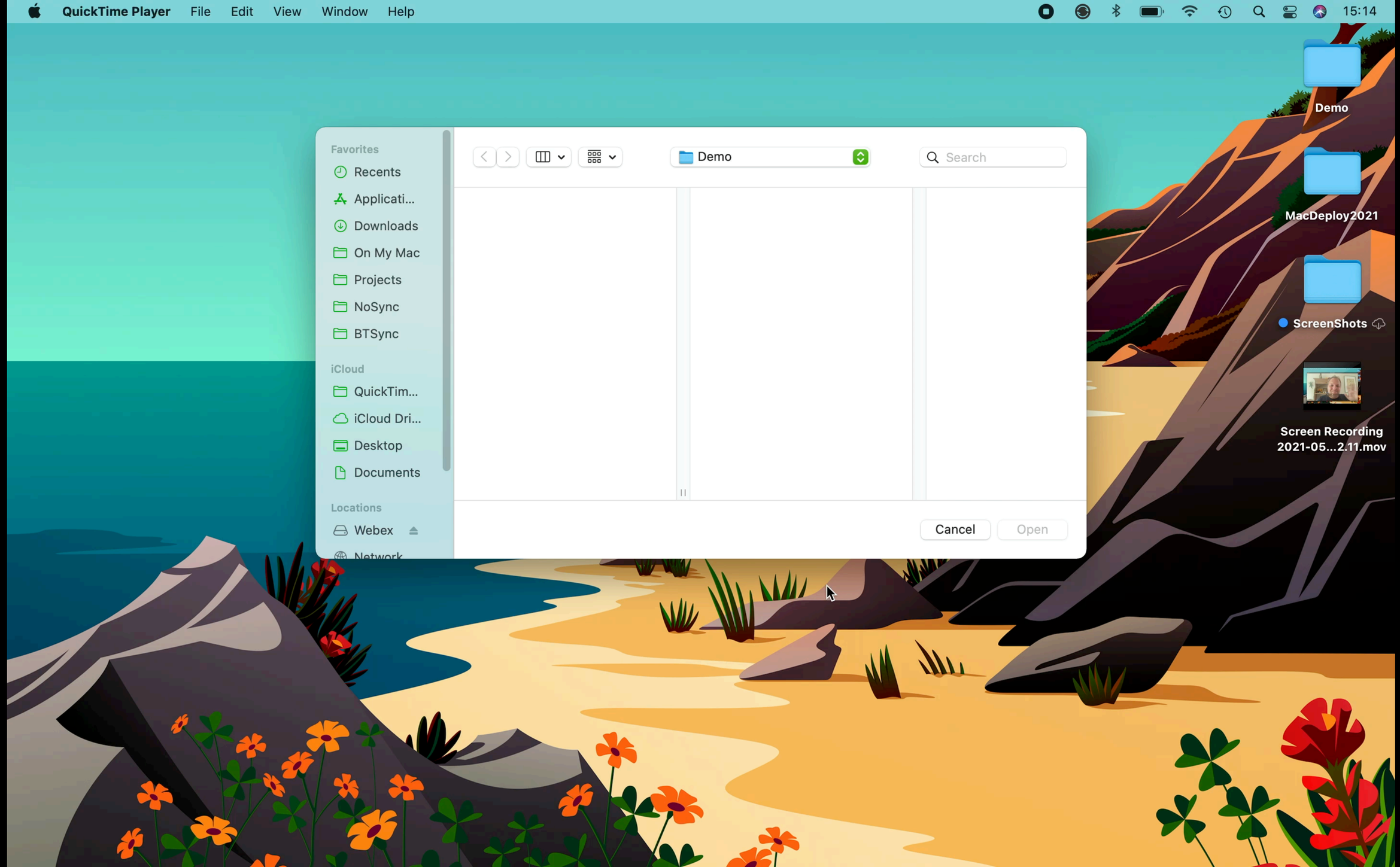
camera (you) + slides

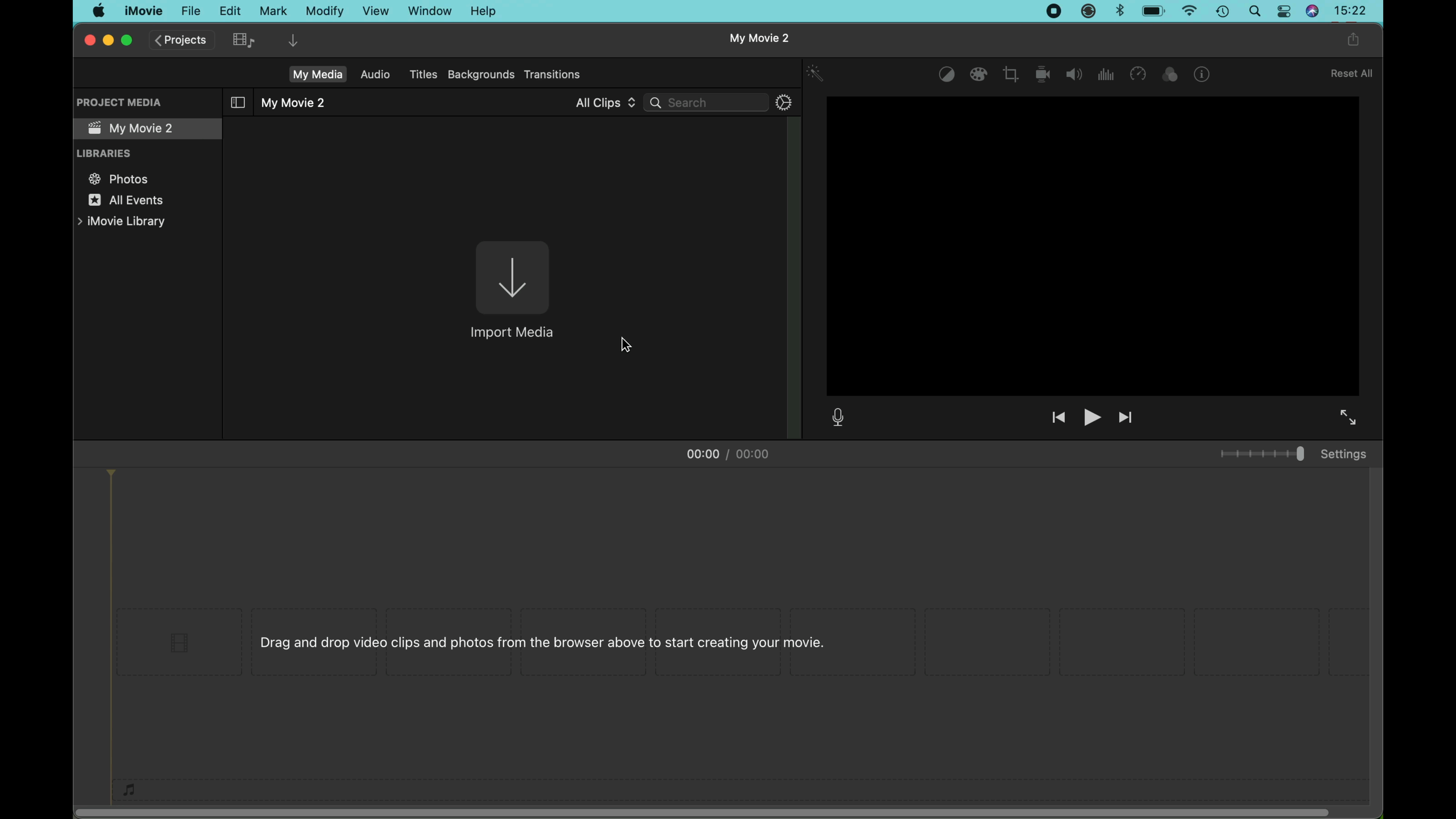



QuickTime Player + Keynote

iPhone + Keynote

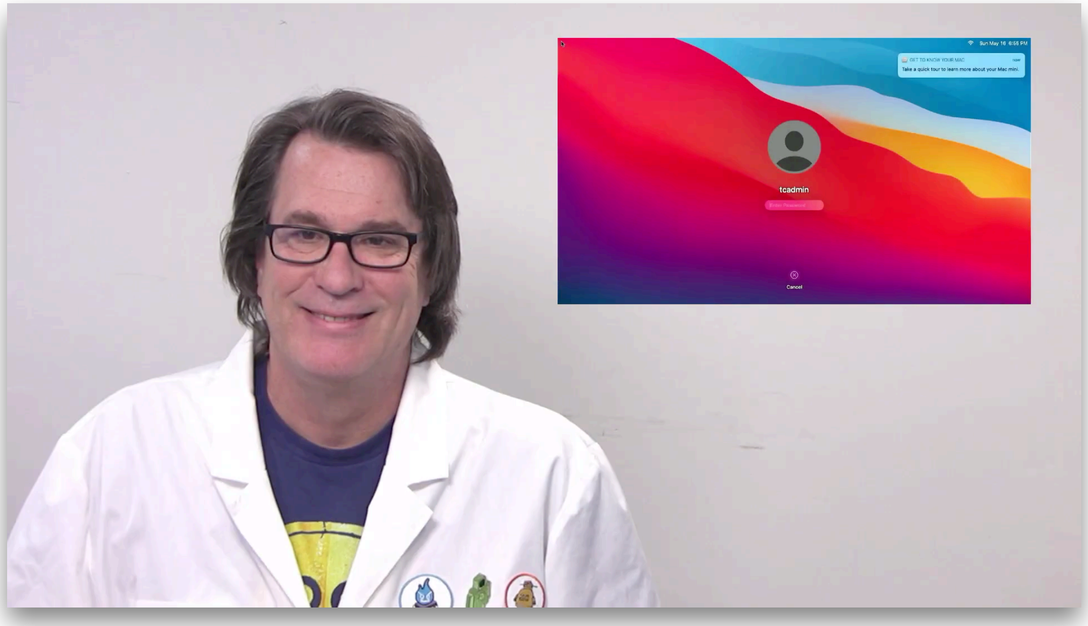
Screenflow


QuickTime Player
File
Edit
View
Window
Help
15:14
Demo
MacDeploy2021
ScreenShots
Screen Recording
2021-05...2.11.mov
Favorites
Recents
Applicati...
Downloads
On My Mac
Projects
NoSync
BTSync
iCloud
QuickTim...
iCloud Dri...
Desktop
Documents
Locations
Webex
Network
Demo
Search
Cancel
Open


iMovie File Edit Mark Modify View Window Help
15:22
Projects
My Movie 2
My Media Audio Titles Backgrounds Transitions
Reset All
PROJECT MEDIA
My Movie 2
LIBRARIES
Photos
All Events
iMovie Library
My Movie 2
All Clips
Search
Import Media
00:00 / 00:00
Settings
Drag and drop video clips and photos from the browser above to start creating your movie.

# What others are doing

# MacAdmins




Tim Perfitt – Twocanoes Software

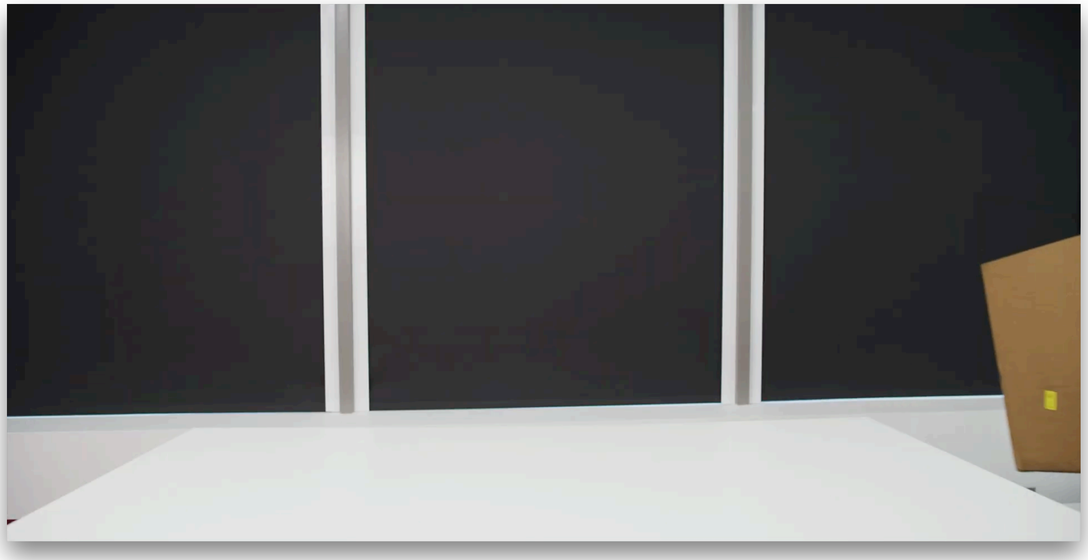
Ed Marczak – MacSysAdmin 2020

# Keynotes

Apple Event Keynote – April 2021

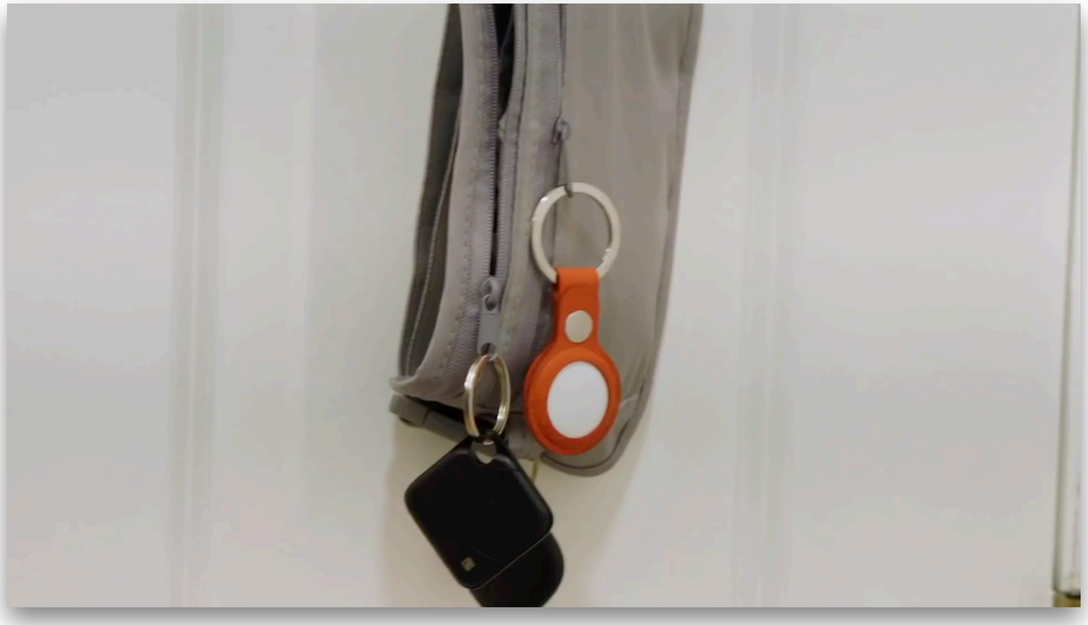
Dean Hager – JNUC 2020 Keynote

Rene Ritchie – YouTube



MKBHD – YouTube

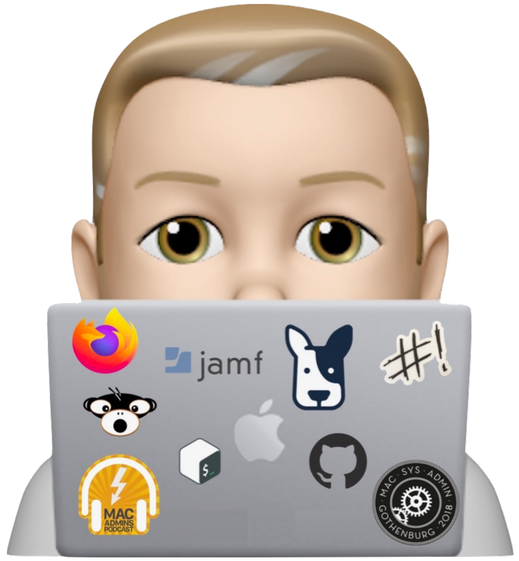
iJustine – YouTube



Joanna Stern – Wall Street Journal

| **On-Stage** | **Remote** | **Pre-recorded** |
|---|---|---|
| projectors and large screens<br>→*high contrast colors* | high-contrast screens<br>→*more colors* | high-contrast screens<br>→*more colors* |
| audience far away<br>→*big text* | viewer's desk<br>→*more detail* | viewer's desk<br>→*more detail* |
| live audio and video<br>→*timed animations* | latency and poor frame rate<br>→*less animations* | recorded audio and video<br>→*effects* |
| | | |

scriptingosx.com/macdeploy21




scriptingosx.com/macdeploy21

# Scripting OS X

*Armin Briegel*

scriptingosx.com

@scriptingosx

scriptingosx