713
Create Effective Virtual Whiteboard Videos with Your Tablet

TJ Palazzolo, Oracle

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About Me

• Work from home in North Carolina
• Develop technical IT learning assets for admins, developers, and architects:
  – Docs, videos, tutorials, eCourses, training
• NOT a graphic artist and have basic drawing skills
Whiteboard Video Recipe

Drawing + Screen Recording + Audio Narration

+ Video Editing, Transitions, Captions

= Happy Emoticons
<table>
<thead>
<tr>
<th>Why?</th>
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<tbody>
<tr>
<td>Low cost if you already have a tablet, stylus</td>
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<tr>
<td>Low learning curve</td>
</tr>
<tr>
<td>Familiar and engaging medium for learners</td>
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<tr>
<td>More flexible than shape/icon libraries</td>
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Process

1. • Storyboard, Narration Script
2. • Practice & Record Scenes
3. • Assemble & Edit Video
4. • Publish

5-10 min video = 3-5 days
Visualizing Scenes

• Turn an unfamiliar or complex concept into something familiar
• Use commonly-recognized objects as metaphors
• Google "object icon" for inspiration
Evaluating Whiteboard Apps

- Device support
- Smoothness & responsiveness
- Toolbar to switch colors, styles
- Insert images or other media
- Screen or audio recording
- Videos hosted or stored on device?
- Fixed cost or subscription?
- File sharing options
- File format (MP4, MOV)
Screen Recording Options

iOS

- Draw + Record
- Draw

Kindle, Android

- Draw + Record
- Record*
- Draw

AirPlay
Lightning
Record

*Lollipop or later
Audio Recording Options

- Onboard
- Tablet
  - Draw + Record
  - Record*
- Analog
- Bluetooth
- Digital (Lightning, etc)
- USB Adapter

*Use Video Editor to add audio to the whiteboard video
# App Examples

<table>
<thead>
<tr>
<th>Device</th>
<th>Doodlecast Pro</th>
<th>Doceri</th>
</tr>
</thead>
<tbody>
<tr>
<td>iPad</td>
<td>iPad</td>
<td></td>
</tr>
<tr>
<td>Cost</td>
<td>$5</td>
<td>$5</td>
</tr>
<tr>
<td>Video Sharing</td>
<td>Google, Dropbox, YouTube, Email, Photos*</td>
<td>YouTube, Photos*</td>
</tr>
<tr>
<td>Features</td>
<td>Smooth lines, undo/redo</td>
<td>Timeline editor, audio, play speed, undo/redo, copy/paste/move, AirPlay</td>
</tr>
</tbody>
</table>

* Use any app that can access Photos (Dropbox, Google, AirDrop, etc)
# App Examples

<table>
<thead>
<tr>
<th>Device</th>
<th>Show Me</th>
<th>Educreations</th>
</tr>
</thead>
<tbody>
<tr>
<td>iPad</td>
<td>iPad</td>
<td>iPad</td>
</tr>
<tr>
<td>Cost</td>
<td>Free (hosted videos) $50/yr (export videos)</td>
<td>Free (hosted videos) $100/yr (export videos)</td>
</tr>
<tr>
<td>Video Sharing</td>
<td>Photos (with subscription)</td>
<td>Google, Dropbox, YouTube, Email, Photos (with subscription)</td>
</tr>
<tr>
<td>Features</td>
<td>Undo, text captions, audio, access control</td>
<td>Timeline editor, motion path, undo/redo, text captions, audio</td>
</tr>
</tbody>
</table>
## App Examples

<table>
<thead>
<tr>
<th>Explain Everything</th>
<th>iPad, Android</th>
</tr>
</thead>
<tbody>
<tr>
<td>Device</td>
<td>$50/yr</td>
</tr>
<tr>
<td>Video Sharing</td>
<td>Hosted, Google, Dropbox, YouTube, Photos</td>
</tr>
<tr>
<td>Features</td>
<td>Timeline editor, zoom/pan, motion path, “laser pointer”, copy/paste/move, undo/redo, text captions, audio, collaboration, bluetooth stylus</td>
</tr>
</tbody>
</table>
Drawing Tips

• Use arrows, circles, boxes or highlighters to emphasize key narration points
• Consider adding text captions later:
  – Freehand writing can be difficult
  – Easier to maintain and support multiple languages
• Consider recording and syncing audio later:

  Video: 60s  Audio: 30s

  Video: 30s  Audio: 40s

Still frames
Alternatives to Drawing: VideoScribe

- Add drawings from library
- Add captions, effects, hands
- Add narration
- Edit timing, zoom, pan

Desktop: $96/yr
iPad: $5, export to Photos

Publish
Alternatives to Drawing: truscribe

The employee compensation program has changed to better help you improve employee performance. Not

Enter or speak narration script

Generate video from script keywords

Adjust images, timing

Publish or export
Demo

Doceri for iPad + iMovie for iPad
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