



New Zealand
Defence College

HOW TO 'HACK' H5P INTERACTIVE VIDEOS FOR SOFTWARE TUTORIALS

Presented by Reuben Ellett - Manager NZADL

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Objectives & Scope

1. Understand considerations for using H5P for interactive software tutorials
2. Learn how to record your screen
3. Learn how to turn H5P interactive videos into interactive software lessons

This workshop is not:

- Mind-blowing, strategic, cutting-edge, or necessarily best-practice
- You sitting in silence for 40 minutes - some standing and movement may be required soon
- The official stance of the New Zealand Defence College

This workshop is:

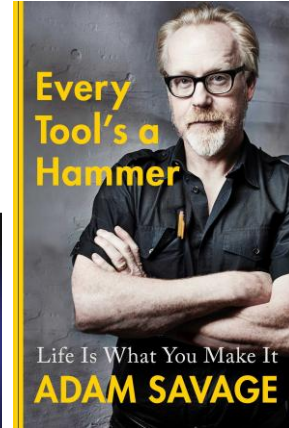
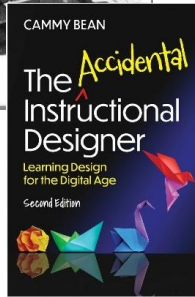
- Simple
- Light-hearted
- How I have been approaching blended learning development from a soldiers perspective. I am not an expert!
- My own thoughts, ideas, and stories

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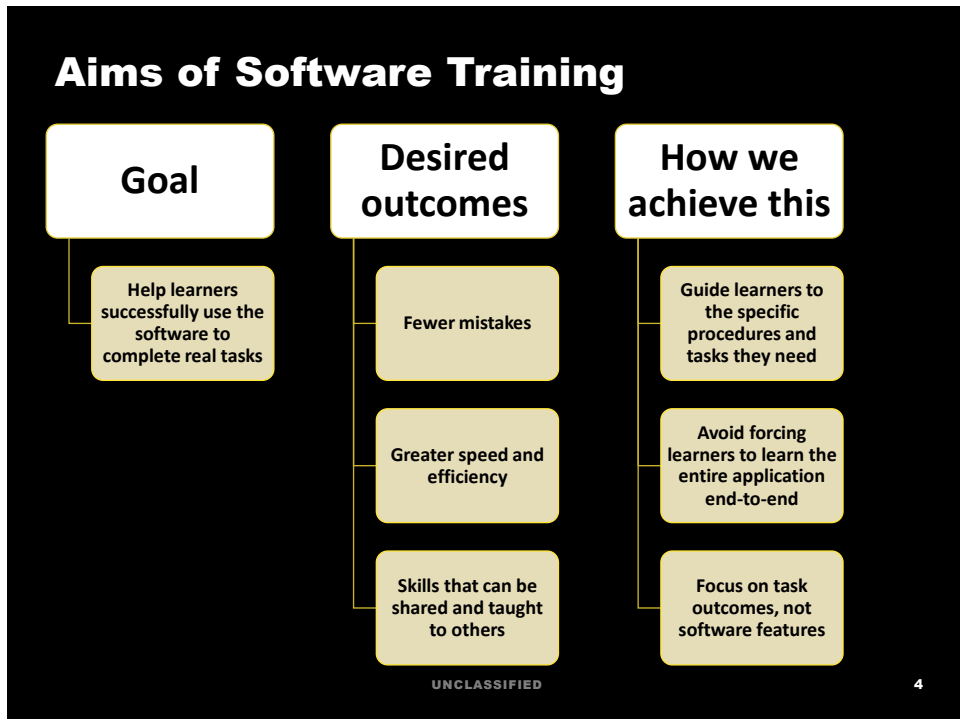
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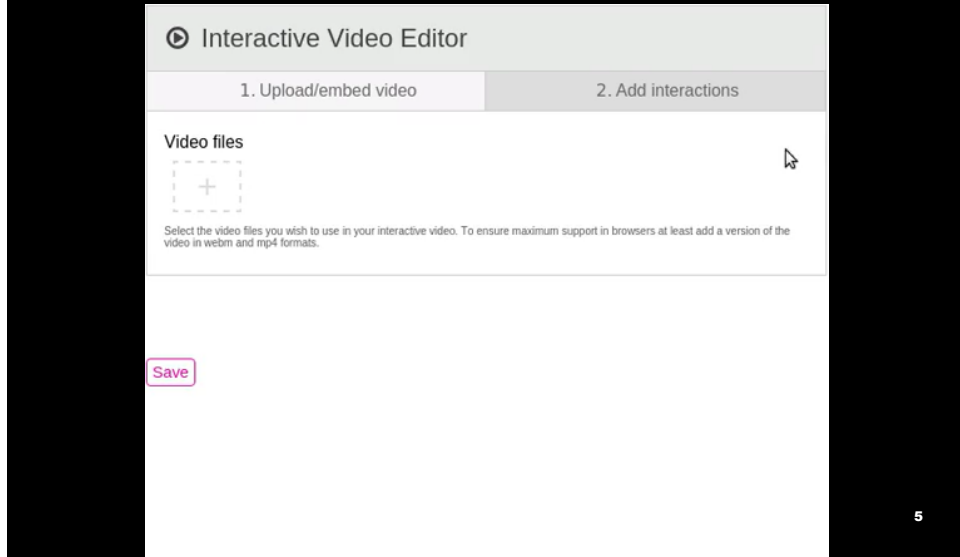


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What are H5P Interactive Videos



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When not to use H5P

Alternatives:

 Canva

 absorb

 Screencastify

 Scribe

 ScreenPal

 Camtasia

nordicadl2026.moodlecloud.com

Drag & Drop or data input required for lesson

Learners need an active simulation that responds to input correctly

The software being trained on is updated frequently

The software's built-in help file is good enough



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When to use H5P

- When it reinforces other types of learning with timely interactions
- When you want to take the learner through step-by-step procedural training
- When you want the ability to easily edit the learning material
- When you need something to work within Moodle or the browser
- When you need the learner to break away from *passive* learning
- When you have a tight budget...

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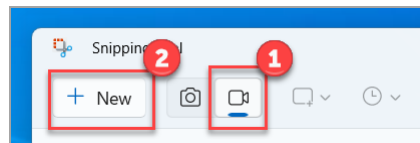
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How to Record Videos

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OBS Studio

Latest Releases 32.0.4 32.0.4 32.0.2



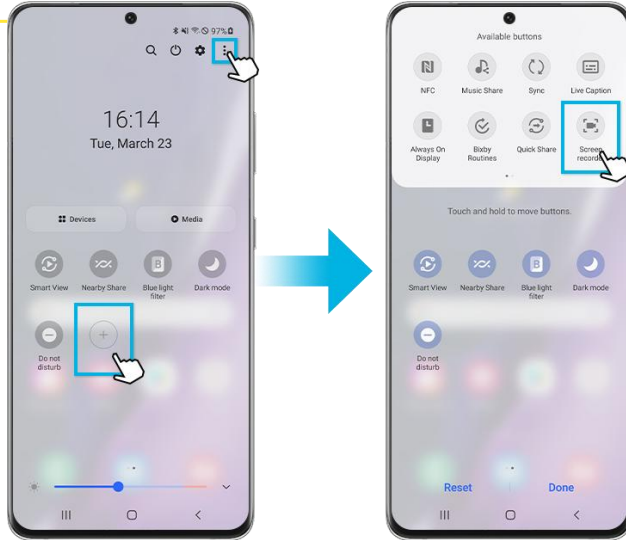
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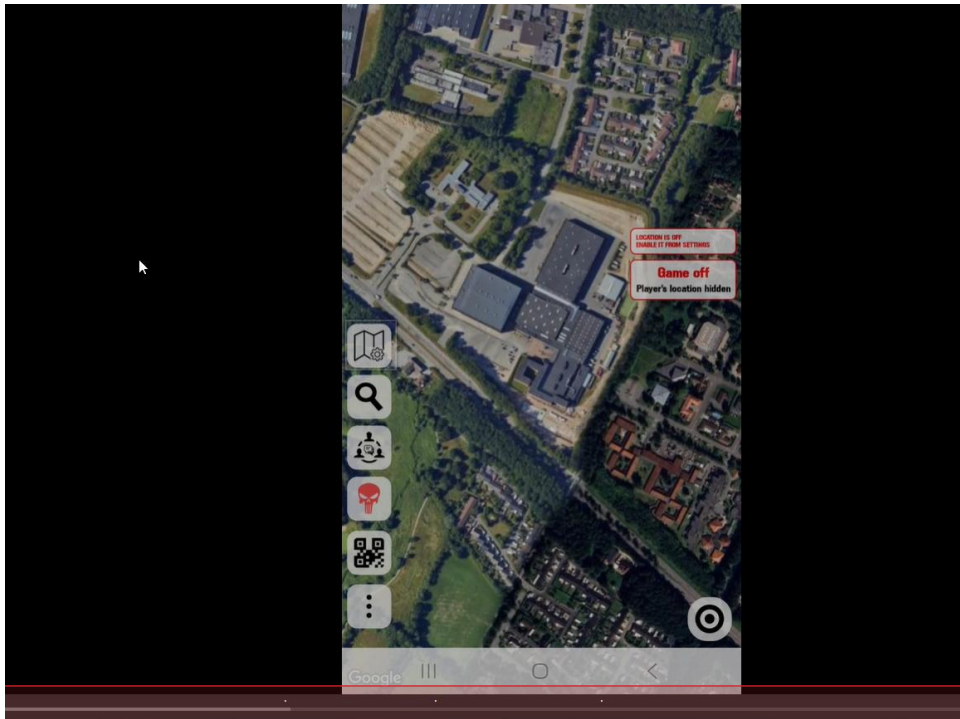
How to Record Videos



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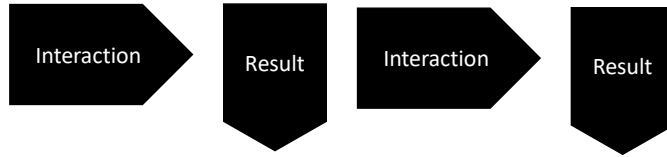
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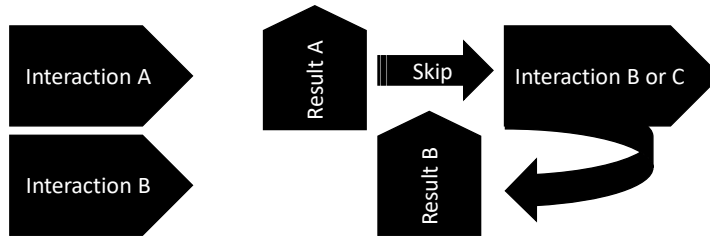
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Simple Example



Complex Example



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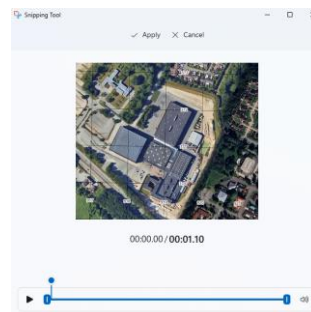
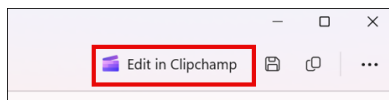
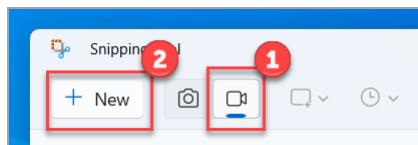
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Demonstration

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Conclusion

- H5P interactive videos have a lot of flexibility and hidden features
- H5P may not always be the best learning tool, it's more akin to a Swiss army knife!
- The timeline is the core element, uploading new videos will usually mean a complete rework of the timecodes for each interaction
- Keep your videos as short as possible
- You can combine multiple H5P elements together
- Use the best screen recording software for the job, I highly recommend OBS Studio
- Have fun learning and using it!

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Contact:

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Useful Links:

<https://h5p.org/interactive-video>

<https://h5p.org/iframe-embedder>

<https://www.map.army/>

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