

Speeding Up

Target: 1 hour of work per minute of content

About me

- Michael Mittag
- Psychologist, multimedia, technical communicating, education, cartoons
- Live with my girlfriend and 2 cats in Rheinfelden (Switzerland)
- Enjoy painting, acting, dancing (Hip Hop / Lindy Hop), Netflix, Gaming
- Created 100+ educational videos



My channel, my two types of video

About you

How many of you have created:

- No video (yet)
- 1-2 videos
- 3-5 videos
- 6-10 videos
- more than 10 videos?

How many of you like to draw?

Looking for a supervisor

I want to write my dissertation about educational videos.

If you're interested in supervising it (or know someone who might), please let me know.



Goals

Speeding up video creation

- My (rough) time budget
- Drawing fast
- Creating images fast
- Letting others do the work for you

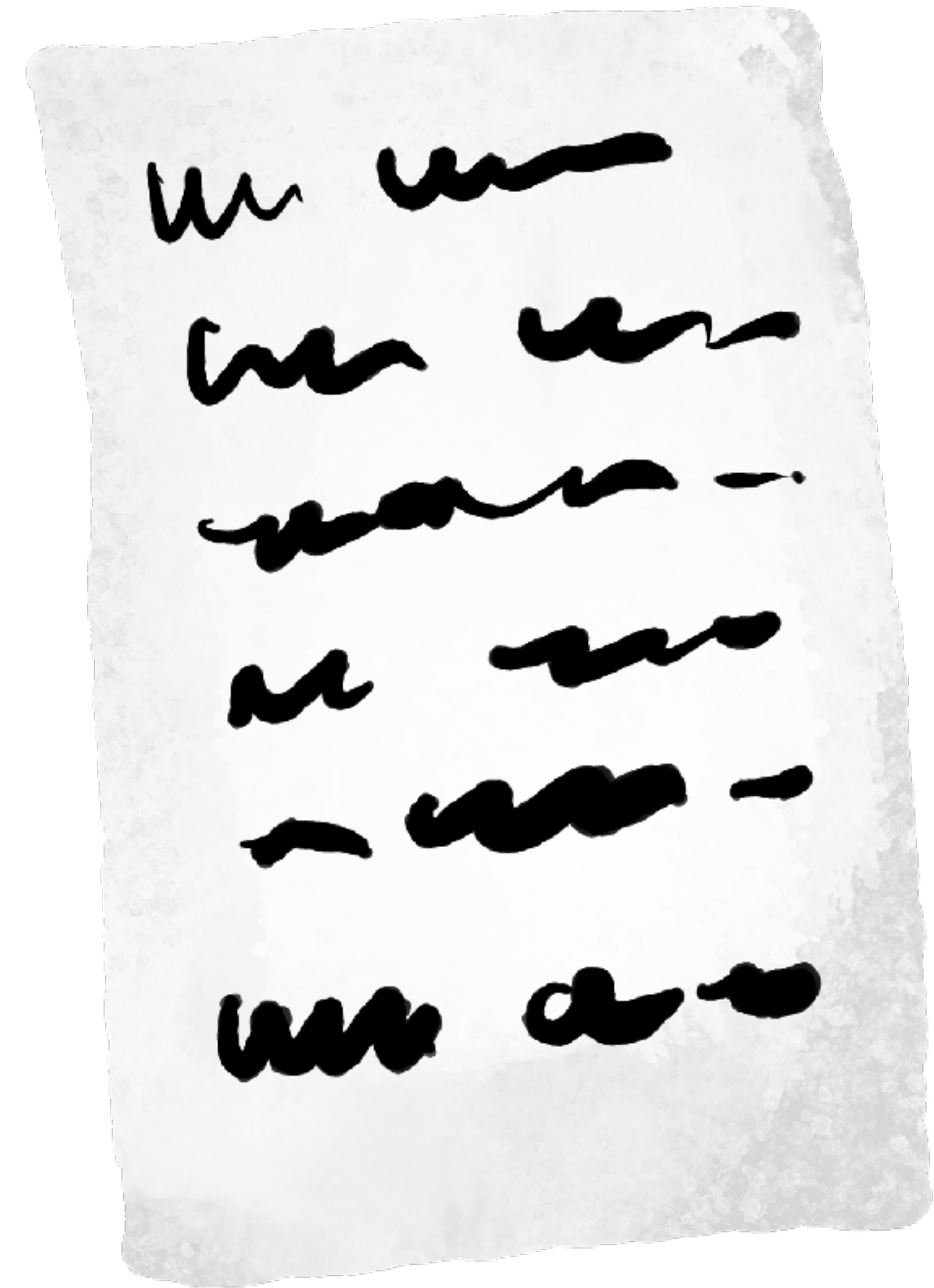


My time budget



Writing text

- 300-400 words for 3 Minutes of content
- Takes approx. 1-2 hours to write
- Writing does not speed up with experience, collaboration does





Drawing

- 30 min per min of content using paint app & replay
- 10 min per illustration
- I require 15 illustrations per min of content
- Does speed up a lot



Voice recording
- 10 Minutes



Cutting
- 10-15 Minutes



Publishing

- 5 Minutes



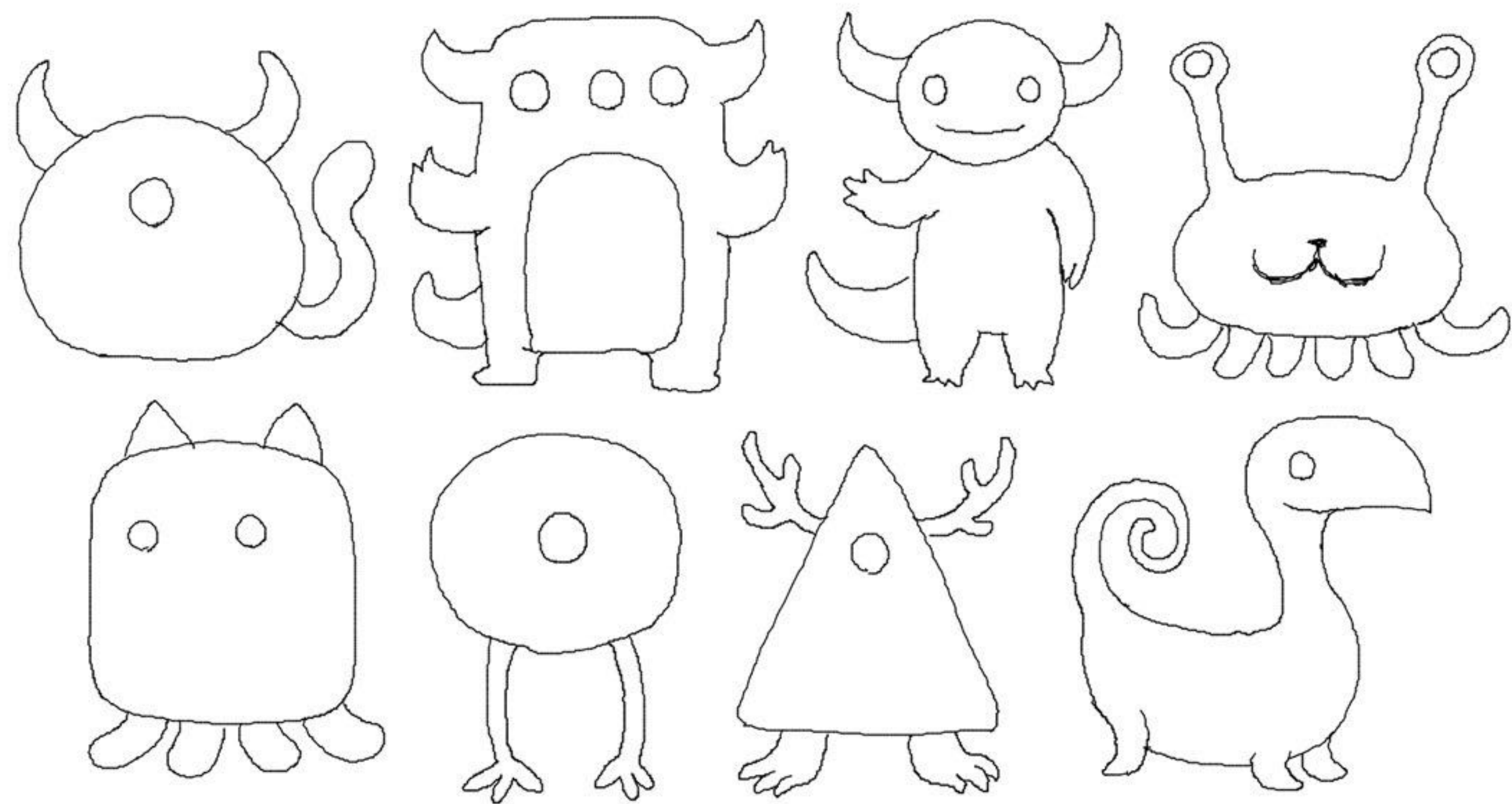
Fast ways to create videos

Things that do not work for me (but maybe for some of you):

- Proper animation (takes long)
- Fake drawing hand (requires clean vector images, animation).
- Explanation video apps (monthly fees, content silos, never quite what I need).

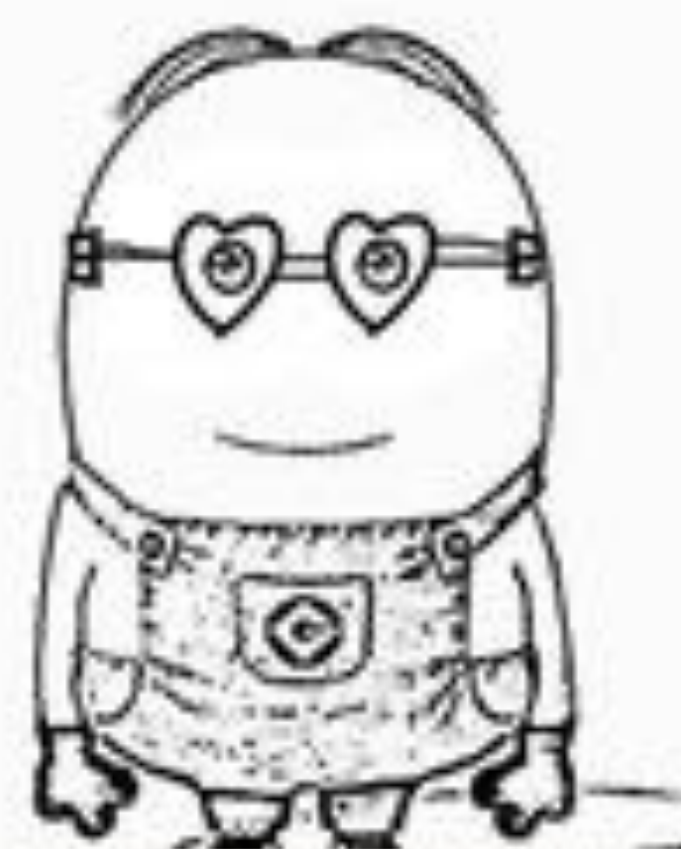
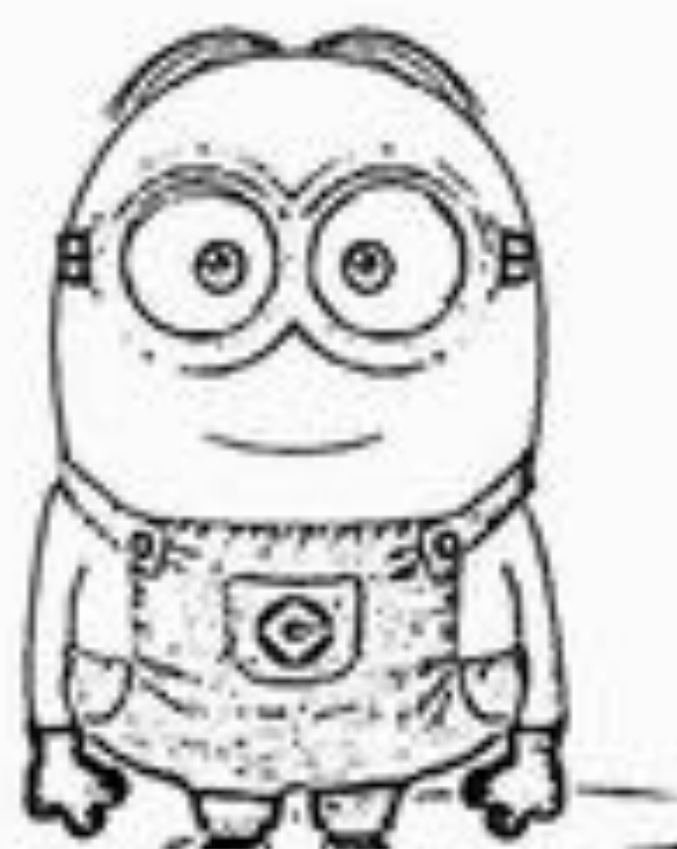
Things that are about to work any time soon:

- Apps. A lot of people put a lot of effort into making them work.
- Automatically created cartoons. Artificial intelligence (GANs, specifically) have caught up and officially produce awesome images.



pix2pix

Input



Auto-painter



pix2pix



10 ways to create images

Speeding up your drawing
(Demo)

Working while doing other stuff

Drawing can be done while:

- travelling
- watching TV
- petting cats (mostly)
- Listening to audio books
- Some combinations of the above



Creating slides for animation can be done while:

- travelling
- watching TV
- petting cats (mostly)
- Listening to audio books
- Some combinations of the above



Things that need silence and your full attention:

- Writing text
- Voice recording
- Cutting



The only task that takes
time and requires your
full attention is writing text.

The only task that takes
time and requires your*
full attention is writing text.

* or somebody else's

Letting others do the work  you

Students

- Creating videos is a great group assignment.
- A bad voice or a factual mistake can ruin the video. Images won't.
- Give careful feedback about the text before it goes into production.
- Let the group give you the text so you can redo the voice if needed.



Academics

- Typically don't mind writing a 400 word text.
- Typically don't mind you changing it / cutting it down.
- Typically don't mind giving feedback on a short text.
- Typically like explanation videos.



Artists

- I like working with people on a project.
- (I don't know about other artists, but I suspect they do, too)



Voice talents

- Most actors or TV/ radio presenters will do.
- Ask around. You might know somebody.
- Or pay. It's only around 10 mins of work.



YouTube

YouTube has very nice subtitle functions:

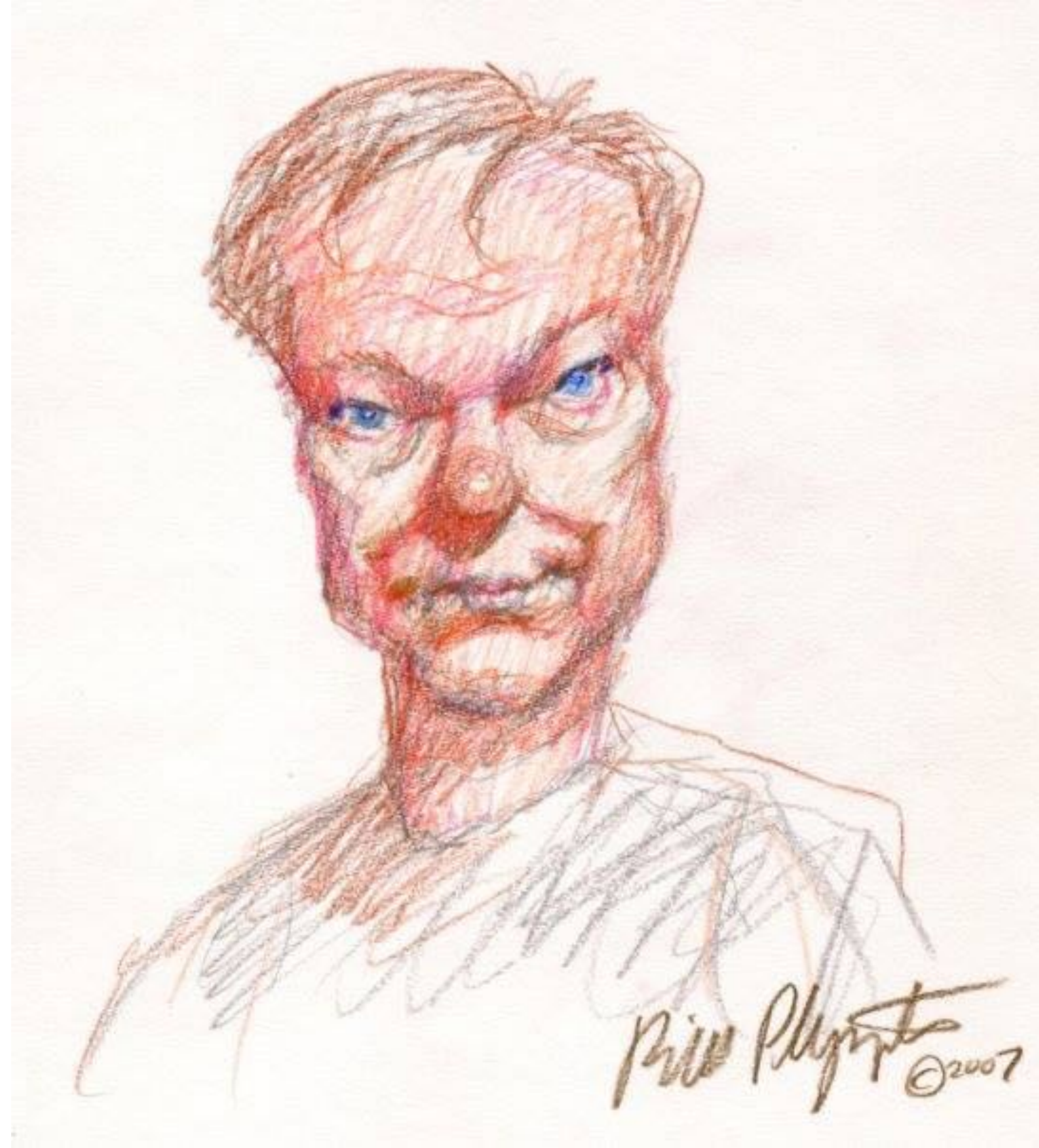
- Automatically adds subtitles.
- You can sync existing text to the video.
- You can export the subtitles as a file for translating or to upload it to SwitchTube.



Conclusions

Bill Plympton:

- Make it short.
- Make it cheap.
- Make it funny.



Michael Mittag

- Make it short. 2-3 minutes target, occasionally more.
- Make it cheap. A few hours of work, ideally done by others or by me while doing other stuff.
- Make it funny. Well, as funny as you think works for you and your audience.



www.michaelmittag.ch