## How I debug and get the apartment printer to work for me

So I'd like to print visa documents, but the Printwithme printer in the apartment

- 1. people told me it doesn't work
- 2. i tried to follow the standard way send an email with my pdf to the printer's email address got a reply saying this printer is out of work
- 3. however, i was thinking: though Printwithme built a business on this shared printer, it is still, a printer. When it was described as "out of order", most probably it's not connected to Printwithme's network.
- 4. Ok, let's assume so, so I tried to connect the printer to my phone's hotspot: it works. it can open some help page which means it's connecting to the internet. However, print over an email or app still doesn't work. Printwithme still doesn't think this printer is online.
- 5. so it could be some authentication issue which i can not easily fix without hacking the printer. but, why do I have to use the wireless print? Could it also support some old way like a usb drive?
- 6. I went through each option of the printer, and there it is. Print from drive.
- 7. I tried with a trivial pdf file and it works!
- 8. I tried to print all my visa documents, but they just got a blank page with one line: NOT SUPPORTED DATA: 1000
- 9. I searched online and it seems a Brother Printer error code, which anyway means the PDF contains data that the printer cannot understand, maybe some forms in it or whatever.
- 10. I converted the PDF to JPEGs, and combine these JPEGs and convert them back to PDFs. By doing this I hope all those fancy forms, links, metadatas are removed.
- 11. I tried with the new PDFs again. They work!

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