

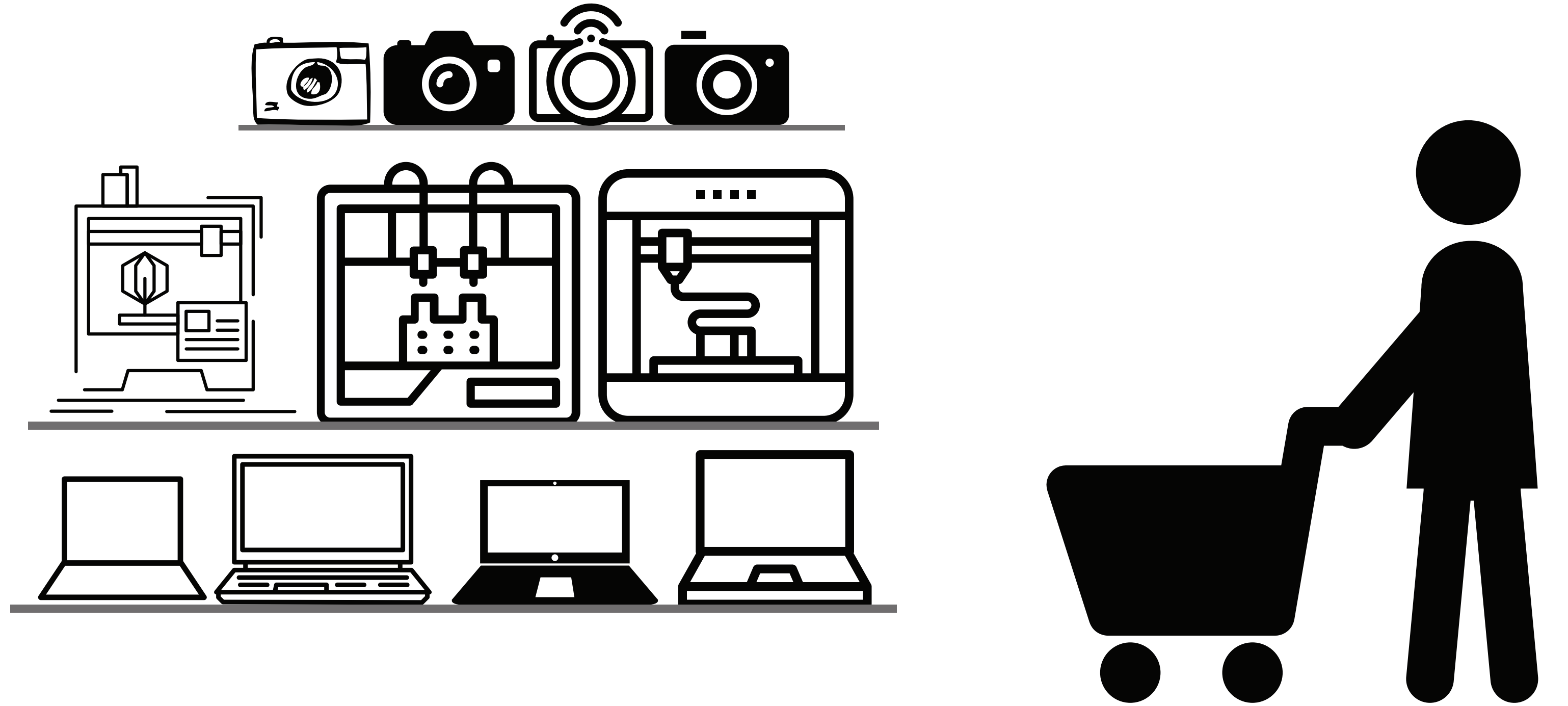
## The problem

Digital preservation is **expensive** and **difficult**  
 It's out of reach of many individuals and community groups

## But...

The commodisation of digital technologies, the quality of the outputs from those technologies now available, and the proliferation of free to use / cheaper software means that the potential building blocks of a preservation system *are* affordable.

**In theory it should be possible to put together a simple, cheap, modular, and portable digital preservation system using standard, off-the-shelf components...**



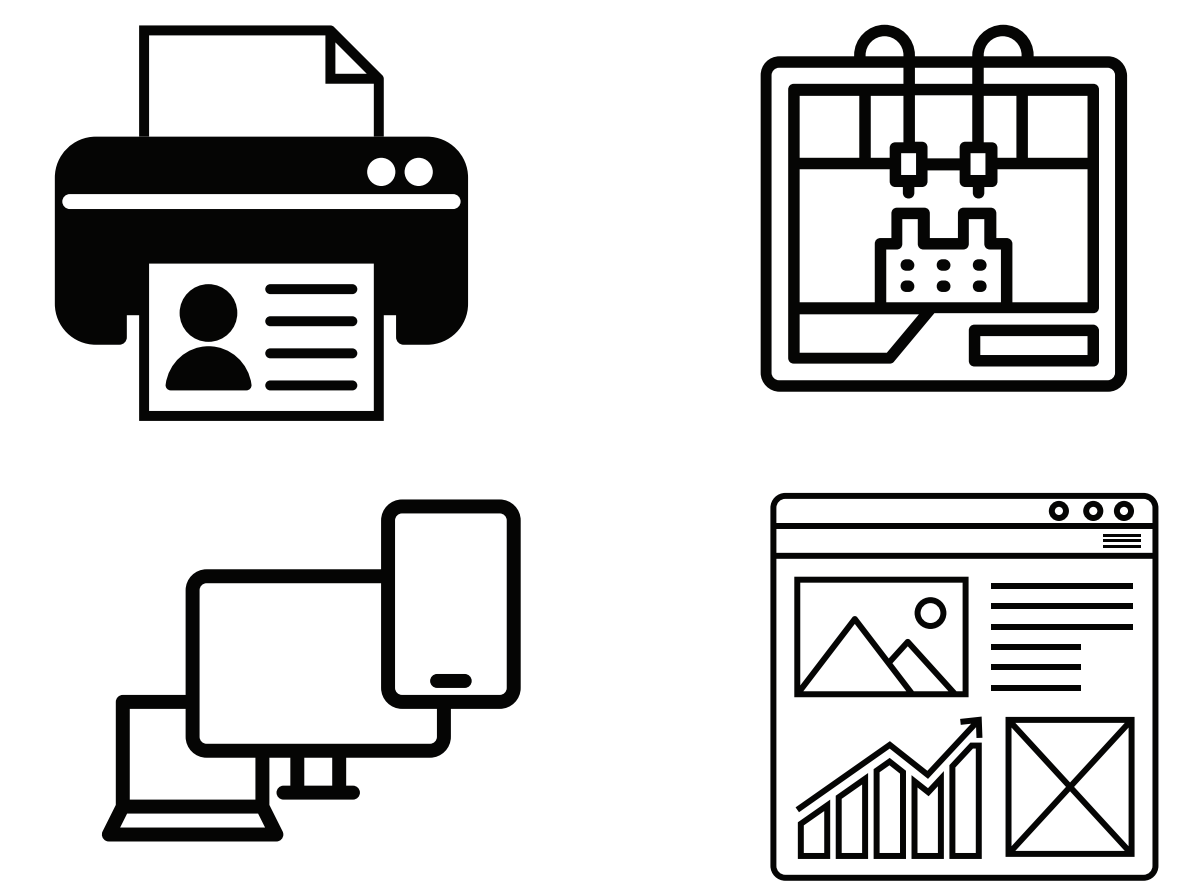
### Input

- Camera
- Flatbed scanner
- Book scanner
- 3D scanner
- Portable disk
- Microphone
- Audio input
- Smartphone
- External computer
- Internet
- etc.

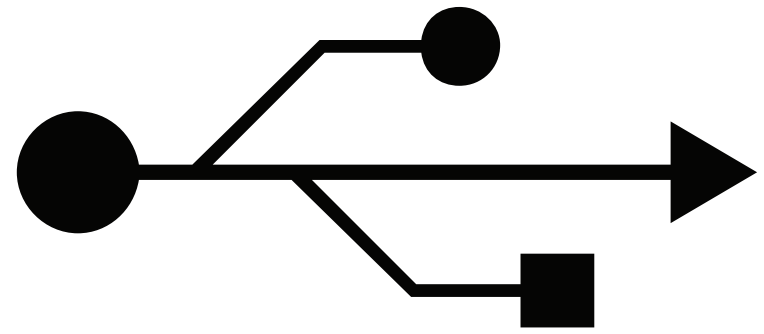


### Output

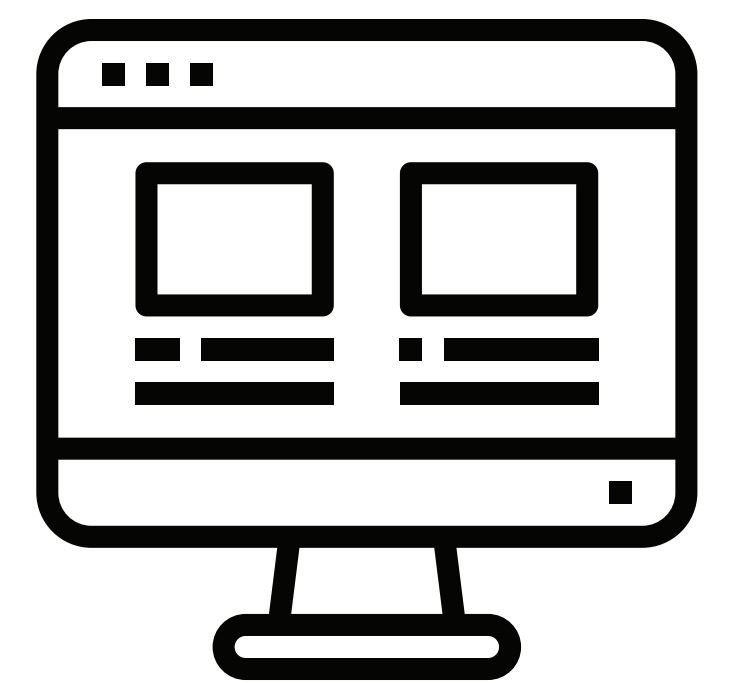
- Screen
- Printer
- Photo printer
- 3D printer
- Local collection browser
- Collection reports
- etc



USB  
 (and/or other ubiquitous Plug and Play communication bus)



Externally hosted private and/or public web page  
 Distributed hosting

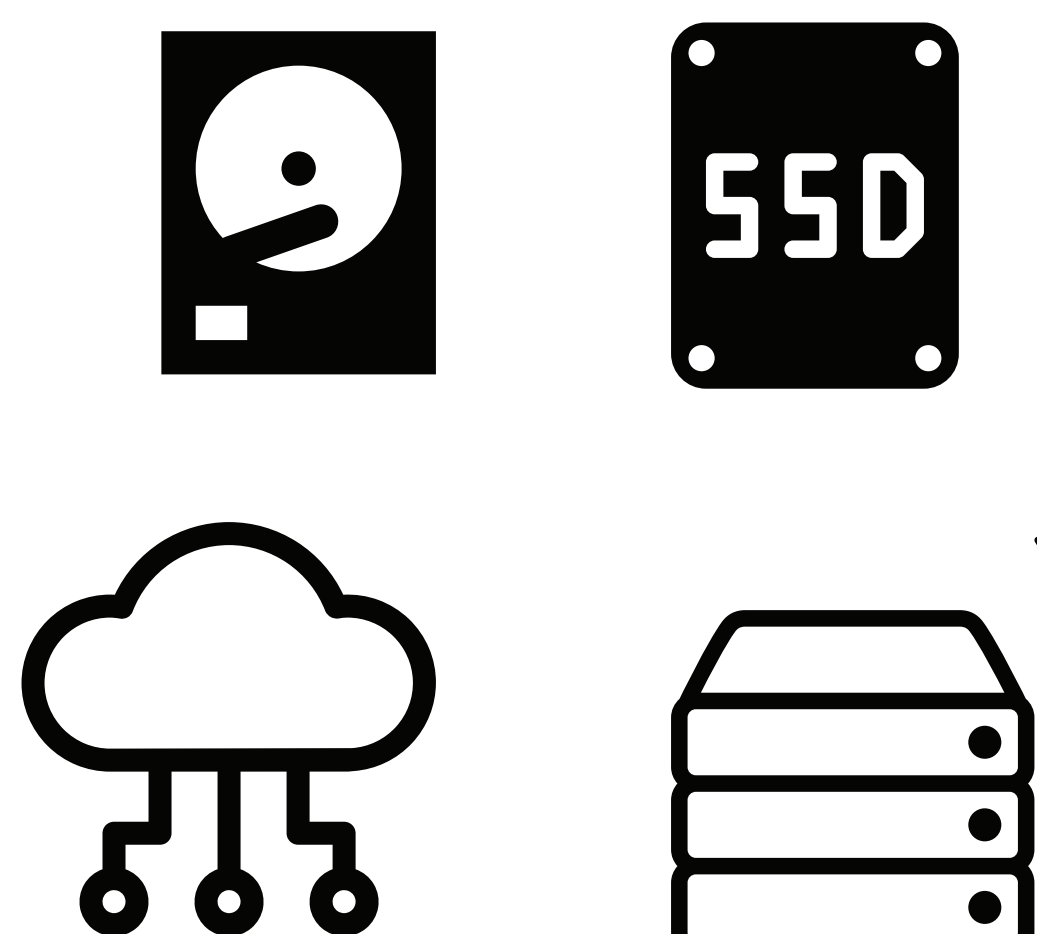


Multiple Power sources



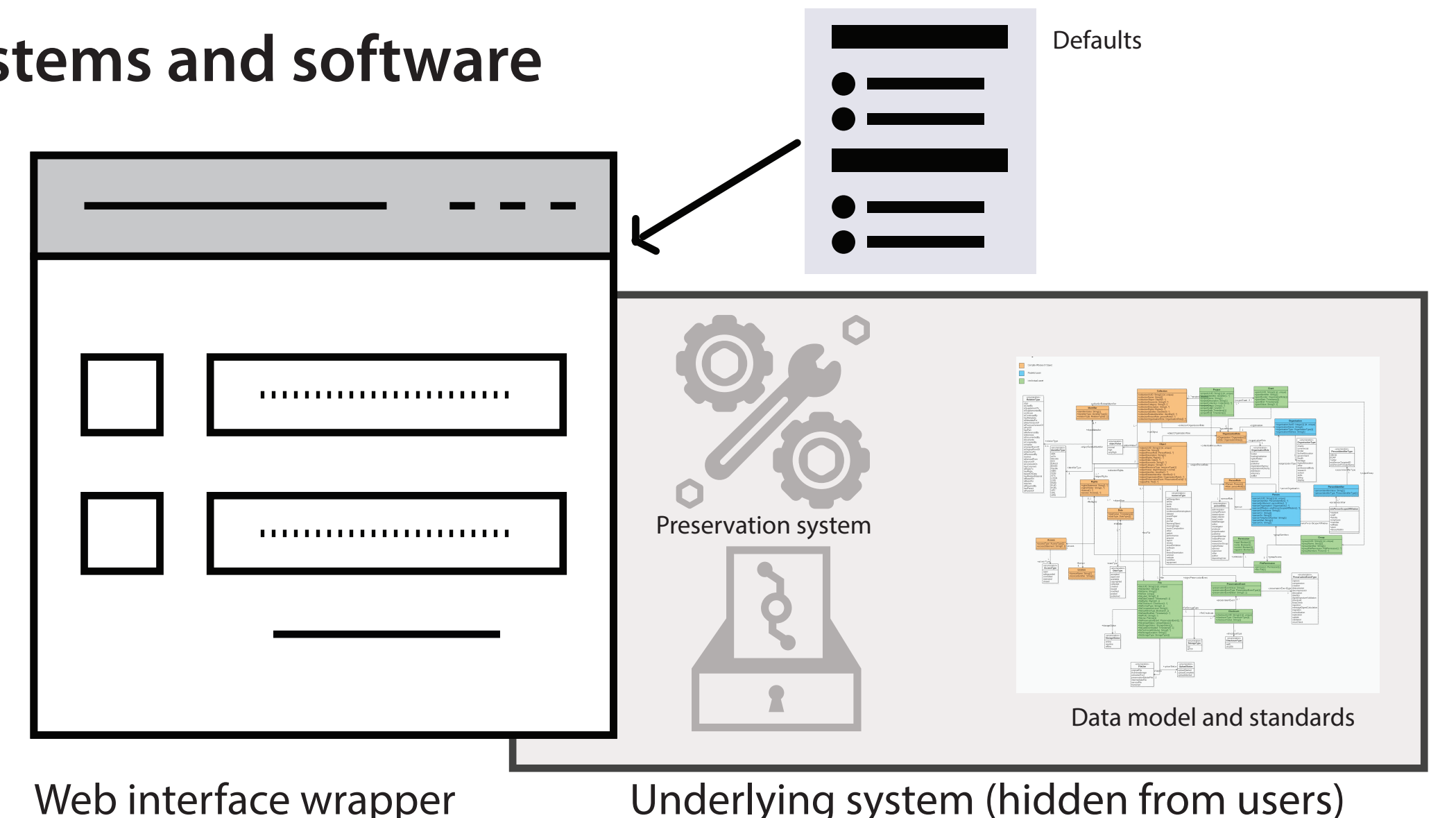
### Storage

- Local HD
- Local SSD
- Redundant disk array
- Local cloud
- etc



External cloud based storage  
 Distributed peer-to-peer storage

### Systems and software



Web interface wrapper

Underlying system (hidden from users)

System updates

