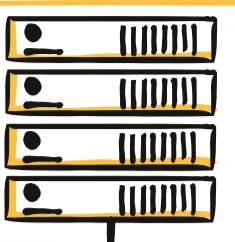


at the National Library of Norway



PART TWO How do we do it?

WHAT CAN WE DO, THEN?



I THOUGHT YOU'D NEVER ASK!

LET'S START WITH SOME...

PRINCIPLES :

ALWAYS KEEP THE ORIGINAL FILE

...AND CHECKSUM - THE FILE'S DIGITAL FINGERPRINT



USE WELL-DOCUMENTED AND OPEN FILE FORMATS

IF THEY ARE NOT...

...FILES MAY REQUIRE CONVERTING

...AND KNOWING WHAT THE ORIGINAL FILE LOOKS LIKE, WE CAN REVEAL DEEP FAKES

ALWAYS DOCUMENT WHERE FILES COME FROM



THE 3+2+2 RULE

CAN HELP US REDUCE THE RISK OF DATA LOSS

BY NOT PUTTING ALL OUR EGGS IN ONE BASKET

3 COPIES

2 TECHNOLOGIES

TAPE + HARD DRIVE

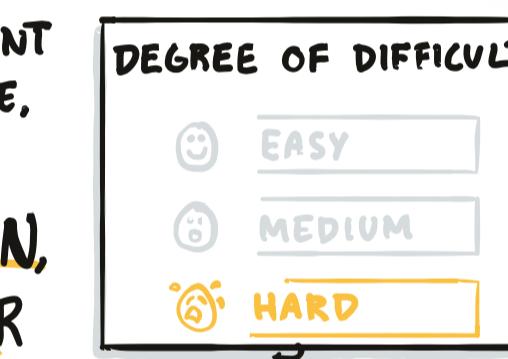
IN CASE ONE OF THEM IS DAMAGED

2 GEOGRAPHIC LOCATIONS

OUTSIDE AND INSIDE THE MOUNTAIN

IN CASE OF WAR, NATURAL DISASTERS, SOLAR FLARES, ETC

TO ENSURE CONTENT IS USABLE OVER TIME, OR ACTIVE PRESERVATION, IS WAY TRICKIER

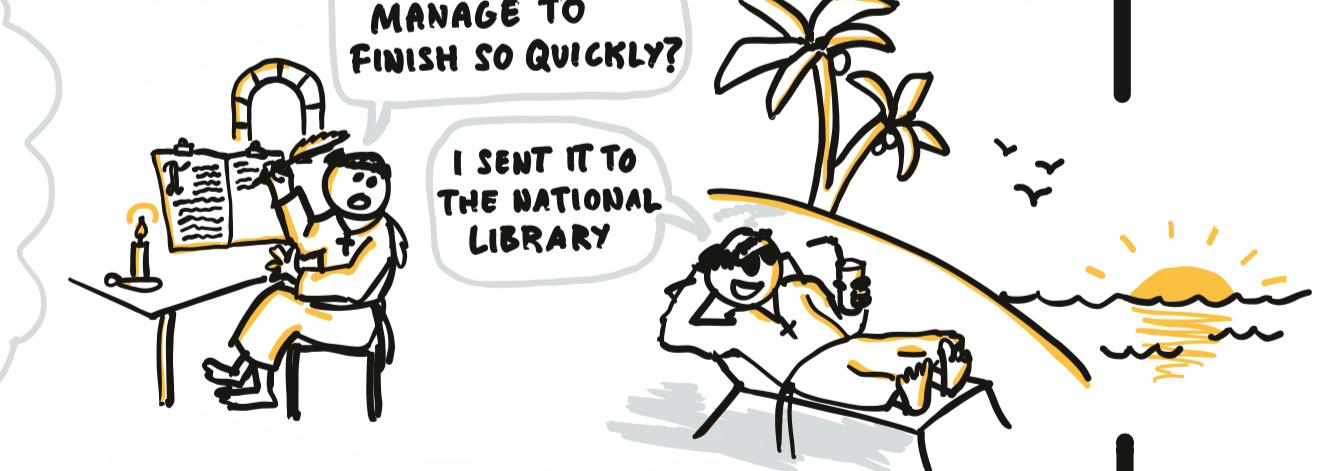


BIT PRESERVATION, OR PASSIVE PRESERVATION, IS THE EASY PART

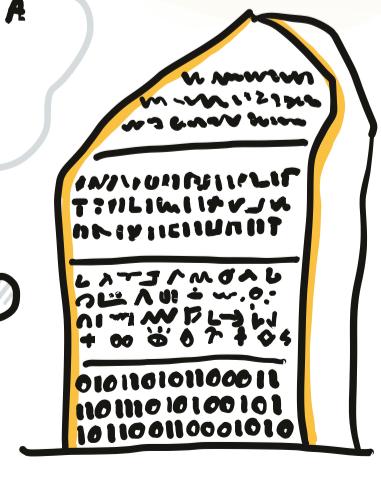


SO FAR, SO GOOD!

TODAY WE DON'T NEED MONKS TO COPY TEXT BY HAND AS WE DID IN MEDIEVAL TIMES



...HOWEVER THERE ARE STILL A LOT OF "HIEROGLYPHS" THAT WE DON'T UNDERSTAND

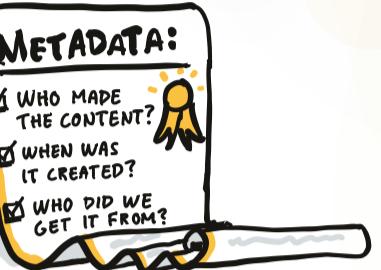


...AND WE WILL NEED PLENTY OF DIGITAL ROSETTA-STONES

ACTIVE PRESERVATION IN A NUTSHELL

CAN YOU TAKE CARE OF THIS?

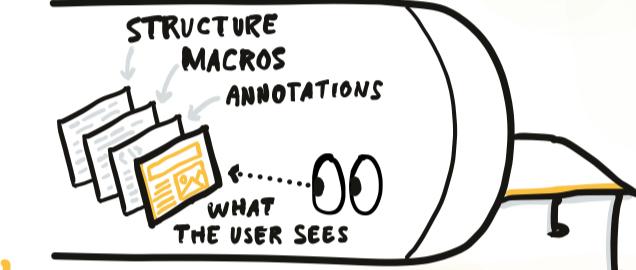
OF COURSE!



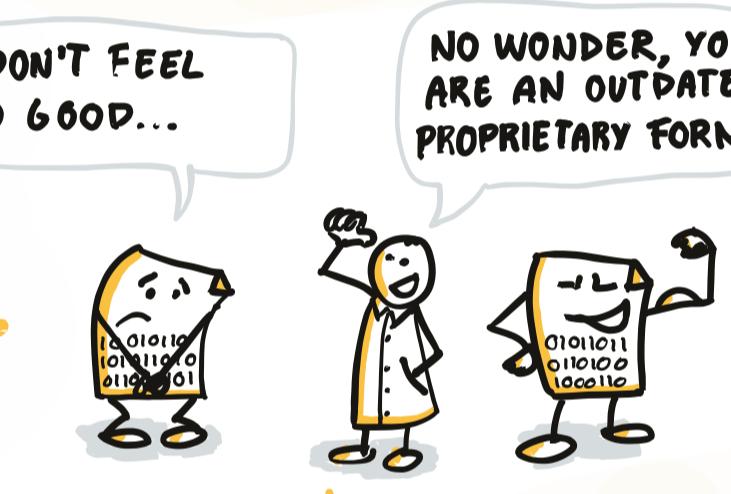
NEWS-PAPERS, AUDIOBOOKS, BLOGS, FILM, MUSIC, ETC

ANALYSIS:

- ✓ CHECKSUM
- ✓ FILE FORMAT
- ✓ FILE SIZE
- ✓ STRUCTURE ++



I DON'T FEEL SO GOOD...



NO WONDER, YOU ARE AN OUTDATED PROPRIETARY FORMAT

HERE IS A HEALTHY COPY!

...AND EVERYTHING GETS DOCUMENTED IN THE FILE'S HEALTH RECORD



HOW DID YOU MANAGE TO FINISH SO QUICKLY?

I SENT IT TO THE NATIONAL LIBRARY

MADE BY
Vegard Stoveland & Digital Preservation Team

