

File formats

preservation

re-use



Minimizing risks

- Non-proprietary
- Open, documented standard
- Popular format, platform-independent
- Simple representation (human readable)
 - Self-described
- Unencrypted
- Uncompressed
- Self-contained
- (valeur de contrôle, “checksum”)

Non-proprietary	✘
Open	✓
Popular	✓
Standard representation	
Unencrypted	✓
Uncompressed	✘
Self-contained	✓



conversion → loss

- Quality
- Details / granularity / expressiveness
- Capabilities:
 - editing
 - interactivity

in favour of simplicity

Tips

- upload the « original » along with the converted file format
 - services might convert automatically
- watch out for unwanted data loss during conversions. Choose conversion settings
- watch out for linked files

Recommended formats

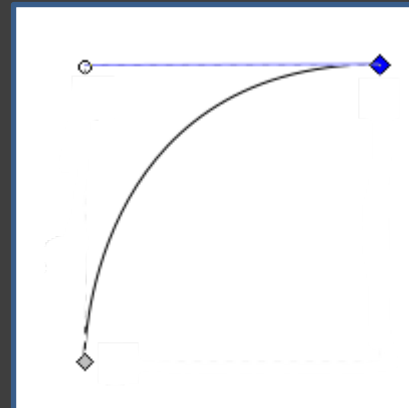
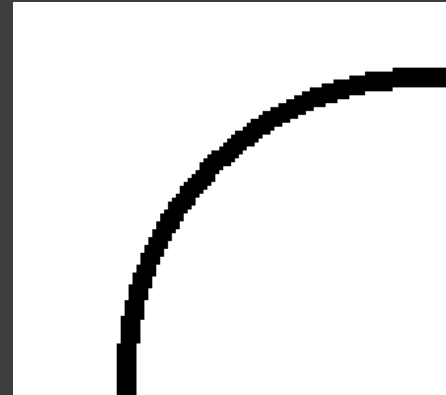
Text:

- PDF/A
 - PDF/X
- Plain text (.txt)
- Open Office (.odt)
- XML / HTML (with schema)
- Word XML (.docx)
- RTF
- LaTeX

Recommended formats

Images:

- Bitmap
 - TIFF (uncompressed)
 - PNG
 - JPEG2000
 - (GIF)
- Vector
 - SVG



Recommended formats

Tabular data:

- CSV (comma, tab, semi-colon)
- Open Office (.ods)
- XML / HTML (with schema)
- Excel (.xlsx)
- .SQL

Recommended formats

Video:

- MPEG-4 (H.264) (~ MP4)
- Motion JPEG 2000
- MPEG-1/2

Recommended formats

Audio:

- WAV (preferably Broadcast Wave Format, LPCM)
- AIFF (LPCM)
- OGG Vorbis
- MP3 MPEG Layer III
- AAC MPEG-4