

Digital Taming

Some practical advice for using computer systems in a performance

Collaborating with a computer

- DON'T use any spaces in filenames of directory names!

Videos

- Videocodecs are very diverse
 - Use Motion JPEG!
 - Use AVI containers

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- Convert to a sane resolution
 - Do you need Full-HD on a XGA projector?
 - E.g. use **Avidemux**

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 - Use Motion JPEG!
 - Use AVI containers
- Do you need Full-HD on a XGA projector?
 - Convert to a sane resolution
 - E.g. use **Avidemux**
- **Always keep the original videos!**
 - You will never get better quality

Crisp images

- Don't use JPEG
- Use PNG/BMP/TGA
- Do you need 4K images?
- Always keep originals

Audio

- Mp3 is bad, use e.g. AIFF, WAV
- Internal audio is bad, use external audio
- Always keep originals

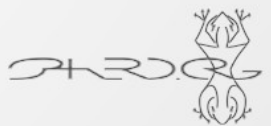
OS Control

- Master it!

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- Disable power management
- Disable screensaver
- Disable lock on idle

Especially for Windows!



OS Control

- Update your system (before...)



OS Control

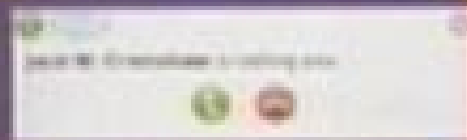
- Update your system (before...)
- Prevent popups:
 - Disable apps that launch at boot (skype, java, dropbox, etc)

26C3
Saal 1



No Rocket
existing Technology
Low Budget
Innovation
No Time

FAIL



OS Control

- Update your system (before...)
- Prevent popups:
 - Disable apps that launch at boot (skype, java, dropbox, etc)
- No system sounds!

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- Update your system (before...)
- Prevent popups:
 - Disable apps that launch at boot (skype, java, dropbox, etc)
- No system sounds!
- Don't connect to internet

Projector Control

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 - If you can set the projector's default background to black

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- Firmly attach cables

Computer Communication

- Stay away from wireless
 - Nothing beats the quality of a cabled connection
 - But inspect quality of cables

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 - But inspect quality of cables
- It's wise to use static ipaddresses
- Many programs support OSC
 - Understand it's limitation

Computer Communication

- Use it smart
 - E.g don't send videos through the network but copy videofiles locally and tell the computer which file to play through the network

Last but not least

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 - Do you have a replacement computer, projector, etc

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- Test, test, test
- Make backups
 - Do you have a replacement computer, projector, etc
- Communicate what your doing!
(interdisciplinary)

Digital Taming

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