

# From Adam & Eve to AAA

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# SWITCH

Serving Swiss Universities

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# The '80s: The Internet Paradise

Only “academic users” amongst themselves

Only trustworthy users

Everybody allowed to do everything

No fences, no guards, no firewalls, no security

No bad guys, no spam

... but already quite some malware around

# The '90s: The explosion of the Internet

The Internet is no longer a thing of the “academic community”

It becomes multi-community

And is serving many purposes and business models

Some are co-existing well, some less so

It enters everyday-live of the population and businesses at large

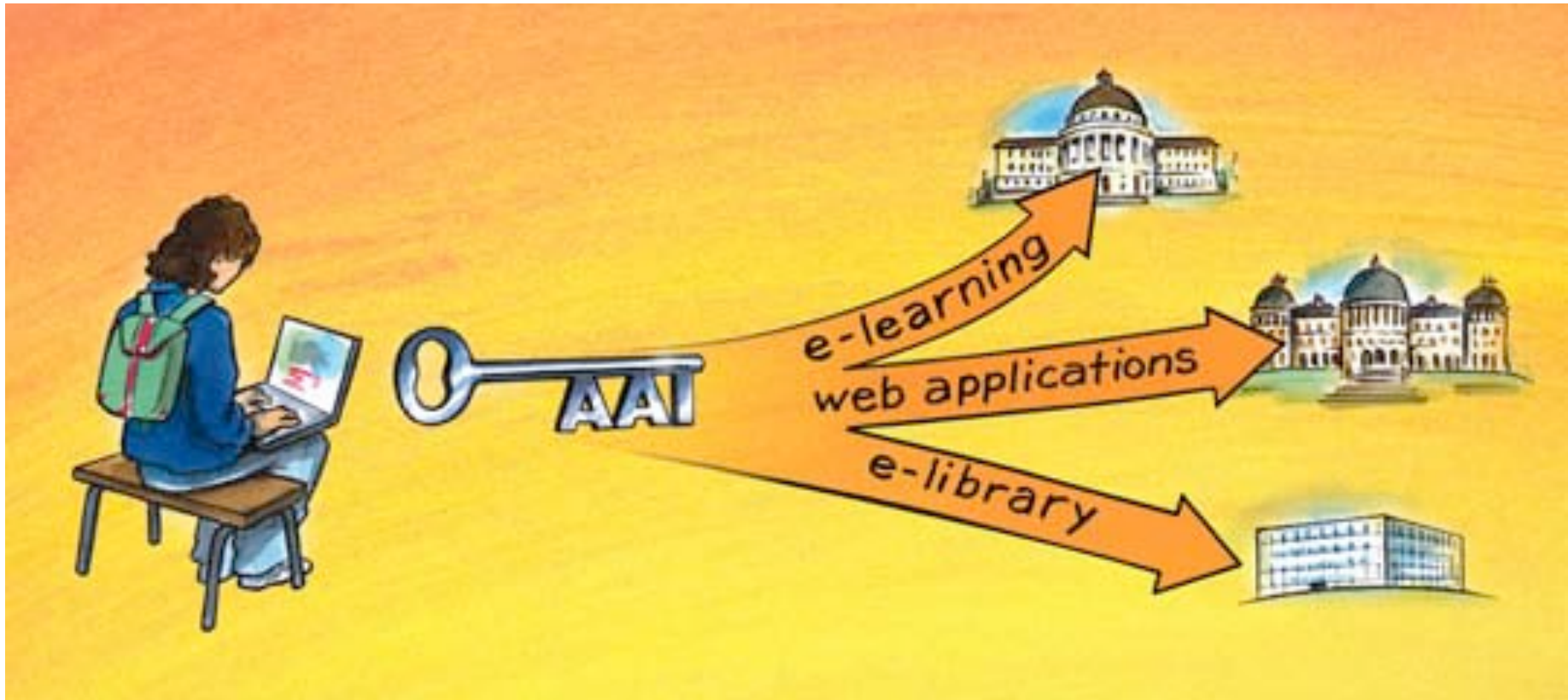
What a pity: the good old days are gone!

Do we need another instance of “The Internet” for serving the academic community better?

-> Clearly not! But we need tools to recognise our members in the crowd

## We need an AAI!

# Today: AAI



# Tomorrow: beyond AAI

- Satisfy regulatory requirements
  - Opening the AAI to further user groups, e.g. those with stringent data protection requirements
- Reaching out to other communities
  - Academic communities internationally
  - Other relevant communities nationally
- Cover additional use cases
  - Go beyond “user behind web client”, e.g. non-web resources and machine-to-machine communication
  - Support use cases with resource consumption reporting
- Maintain and foster trust
  - Respond to increased criticality of infrastructure
  - Making policies explicit
  - Maintain scalable management structures