

The Universal Primer

Freedom to teach

Freedom to learn

Project goals

- Allow anyone with a computer to teach and learn from anyone else, anywhere
- Give everyone access to free educational materials on all topics
- Organize material to make learning new skills as easy as possible

Path to the goals

- Two parts:
 - A wiki-style website where anyone can watch and upload educational material, with a focus on video
 - Tools for live "video-conferencing"-style teaching

Organization

- Website organized based on dependencies:
 - User: "I want to learn to multiply!"
 - Website: "Ah, then you need to learn to add and subtract first!"
 - Website: "But to learn that, you need to learn about numbers first!"

Developing in phases

Version 0

Goal: Teach a course online using only open source

Scope: A single IMM course

Limit: Teacher needs Linux. Students just need a web-browser

Version 1

Goal: All features implemented, ready for larger user base

Scope: A few universities (e.g. Lund) while we iron out bugs

Limit: Teacher will need to install an application

Version 2

Goal: Teaching possible without installing any software

Scope: The world

Limit: The sky

Keeping it open

- Everything will be open source
 - Source code
 - Material on the site
- Copyleft / Share-alike licenses
 - If you use our stuff, you must share back
- Universal primer allows
 - attribution and share-alike clauses
 - does not allow “non-commercial use only”-clauses

Who's building it?

- Answer: Mostly volunteers!
 - _ Christian and Maciej: Students from KU and DTU
 - (lecture control application and web components)
 - _ Povl Ole: Employed by IMM/Interreg
 - (design/impl of video upload/transcoding/viewing)
 - _ David and Marc: Volunteers
 - (primer project management/design + streaming video)
 - _ Henrik and Janne: IMM
 - (facilitators / resource providers)

Timeline

This semester

- Version 0 ready
- First live-participation test-lectures

Next summer

- Version 1 ready
- Several universities uploading content
- Full live-participation courses