haute école
neuchâtel berne jura
arc gestion
neuchâtel delémont

Hes·so
Haute Ecole Spécialisée
de Suisse occidentale

64-31.1 Projet de technologie web

Introduction

Boris.Fritscher@he-arc.ch

About you?

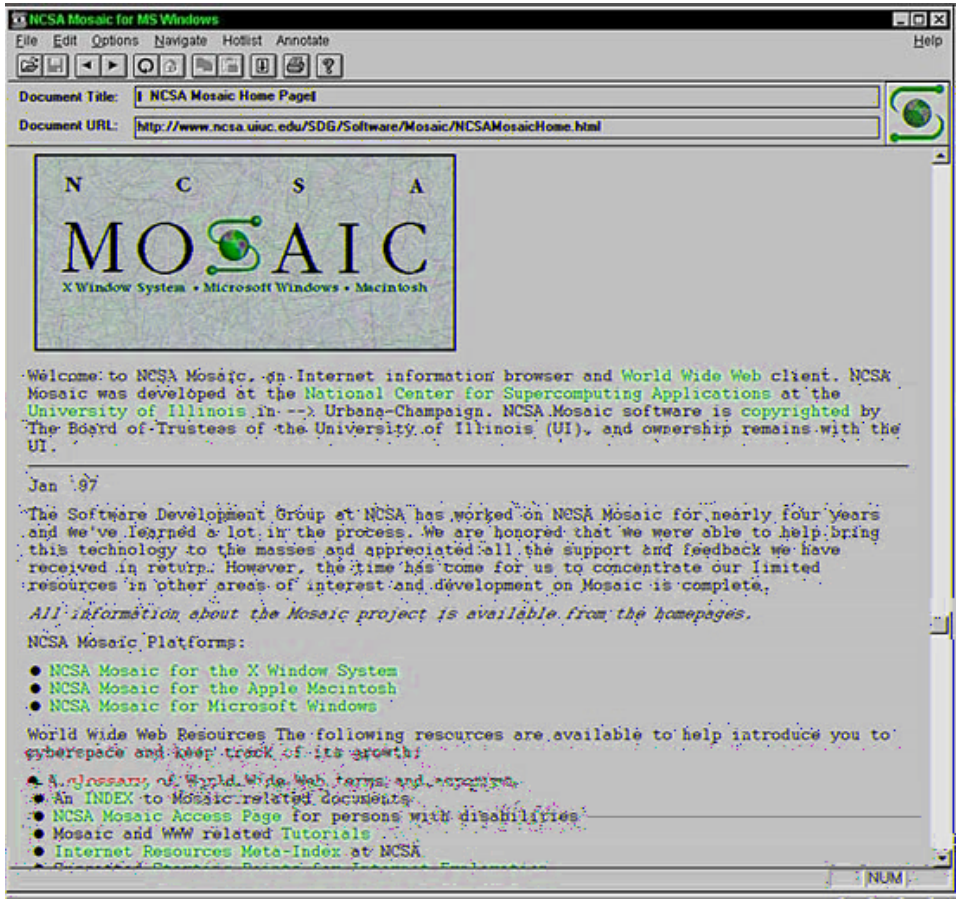
https://marmix.ig.he-arc.ch/poll/

Introduction

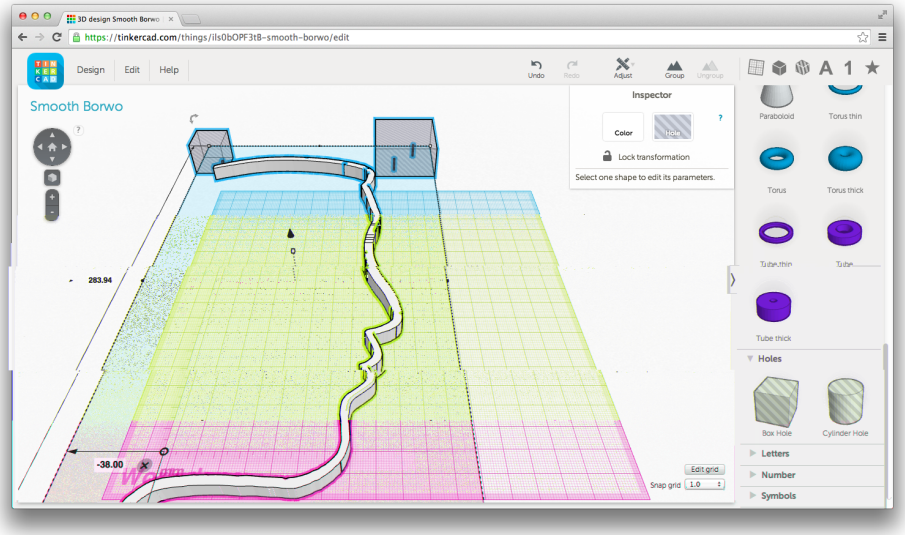
The Web as an Application Platform

Evolution of the web

1993: Web on Mosaic

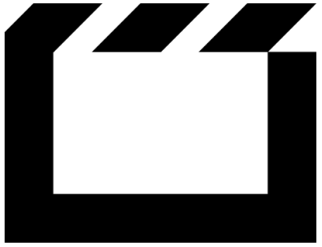


2014: TinkerCAD on Chrome

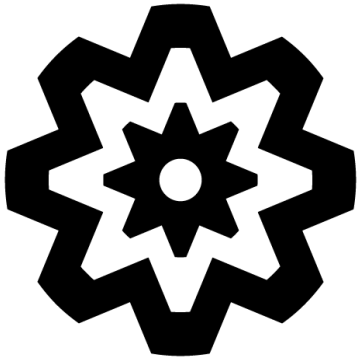


2020 in Space

Web application are becoming more powerful;



Multimedia



Performance

Device Access

http://www.w3.org/html/logo/

Some Trends

- Single Page Applications (SPA)
- Progressive Web Apps (PWA)
- Real-time
- Tooling
- Automated Development Workflows

Languages, Platforms, Communities

Goal: Learn to create and deploy a client web application.

Exercices & Labs

Planning

Part 1

- 📚 HTML, CSS, JavaScript
- 🧪 Many Exercices
- 🚀 Exam

Part 2

- 📚 Vue.js
- 🧪 Lab: CatList
- 🚀 Project

Grades

- Exam: individual grade 33%
- Project: team grade 66%
  - Project (CatList++ / own idea)
  - Presentation