



Agenda

1. Vorstellung

2. HTML 5 Welt

- 2.1 Webtechnologien
- 2.2 Beispiele
- 2.3 HTML5? Flow und Regions

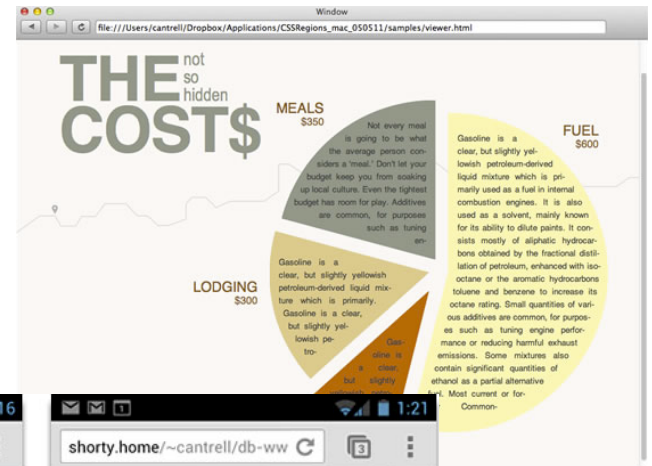
3. Design

- 3.1 Drag&Drop (magnetisiert)
- 3.2 Bearbeiten (content editable)
- 3.3 File API
- 3.4 Interaktive Dokumente
- 3.5 Canvas

4. Pro & Contra

5. HTML5 - Für alles gut?





HUMAN
LEGACY
PROJECT

We almost never meet in person anymore. It's far too dangerous. If they were watching just one of us, it could mean the end of the entire project. Almost half a century of work would be gone in the time it took to pull a trigger or laser-paint the building for an air strike.

But there are times when we have to take the risk. The project operates almost entirely autonomously now, but sometimes it needs our help. If we have the skills it needs, we take care of it. If we don't, we recruit. If we need more money than what we have, we find ways to get it. Computers provide the automation, but humans provide the ingenuity. We never know when we're going to be needed, where we're going to meet, or what we're going to be asked to do. We make an attempt to contact each other while we

The meeting is tomorrow evening at the National Pride Museum, of all places. I guess the theory is that it's better to know you're being watched than to have to wonder. And it's not a building that the FP is likely to

wait. The project contacts us

This time it happens through my handset. Handsets are issued by the government to ensure that everything you do is tracked. There are underground rooms of supercomputers that search for patterns in the data collected through handsets: purchases, messages, photographs, purchases, location, backgrounds, names. Possibly even molecules "sniffed" through some of the newer models. It's illegal to tamper with your handset or to leave your apartment without it. It doesn't have an off button. Your handset is your identification, your lifeline, your link to the People's Party and their link to you. It's for your own protection.

But it's just a piece of hardware like any other piece of hardware, and just like any machine that blindly executes whatever instructions it's handed, it can be hacked. In this case, the ability to inject bytecode is made possible by the addition of a 52 mod. chip. It still uses the federal networks, but it uses them in ways that the People's Police can't see. Networks inside of networks, protocols on top of protocols. Our darkest uses nondeterministic encryption algorithms that are programmed to evolve. If we weren't already on the inside, we wouldn't even know how to crack them.

way there, the home. I'll take two trains and a bus, and then I'll take a long, leisurely stroll through the crowded streets. I'll stop at a drugstore to get a drink. I'll cross a street, go in the opposite direction, then walk

Oono's paper was passionately debated among academics, and was even widely discussed (in abbreviated and simplified form) by the mainstream media. After Oono's mother died and Oono moved back to New York, he was invited to address a panel of world leaders at a summit in Washington, DC. At the end of his talk, a representative from India stood up and asked the question Oono had been waiting for since the day the paper was published: how do we break out of our own cycle of destruction? That was when Oono officially announced the formation of the Human Legacy Project.

The National Pride Museum is almost empty. The school buses have already pulled away and the tour guides are back behind the freest desks, picking at their bones of government rations and sipping their eyes at the security guards' advances. The museum is only open for another hour, so whatever it is that we are here to do, we'd better do it fast.

I walk past the life-sized dioramas depicting salient events in US history: Christopher Columbus and his men selflessly bestowing the gift of fire upon a tribe of dumbstruck natives; American and British gentlemen in short pants and long coats

pushed together end-to-end in the center of the room, and the people sitting at them with their magazines and notebook computers don't look up. I take the empty seat between Jakob, an information architect turned hacker, and my wife.

Ex-wife, I should say. We divorced shortly

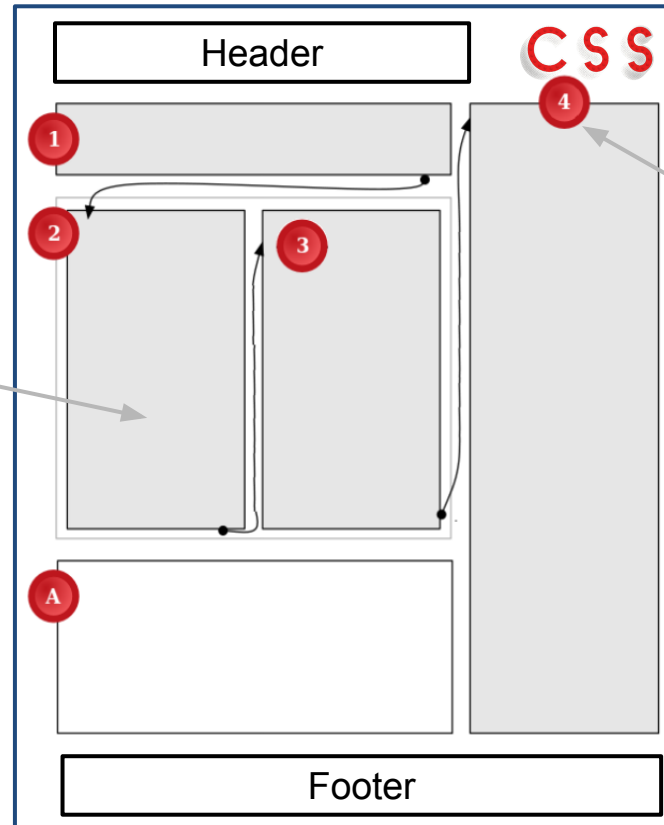
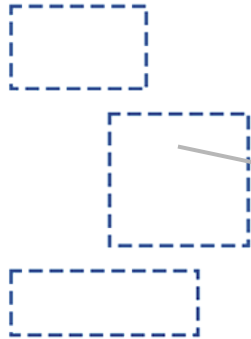
shaking hands over the Declaration of Independence, a white man and an African immigrant working side-by-side in a common field while their wives grieve in the shade of the front porch, rocking and fanning themselves, a sooty pitcher of lemonade between them; a Chinese engineer explaining the mystical inner workings of a Model T to a confused but attentive American engineer, a communist and an astronaut taking the first triumphant broadside assault on the outer reaches of space; a prominent holding party member balanced on one knee as he offers a warm plate of food to a dirt homeless child with one hand, and extends a handshake to her grateful parents with the other. If you stop to read the fine print on the plaques, you'll see that these scenes do not depict actual events, but are creative re-imaginings inspired by the moral re-awakening global activists saw all year. The plaques do not read the fine print, and the fine print goes finer every year.

The meeting is upstairs in the library. The opening into the room is wide, and there are no doors to close it off from the rest of the upstairs. The walls are lined with shelves of books that the People's Party doesn't mind you reading, and there are closed-circuit cameras looking down on the room from every corner. There are two long tables

images: one straight ahead for me to see, and one at an upward angle for the camera and anyone standing over my shoulder.

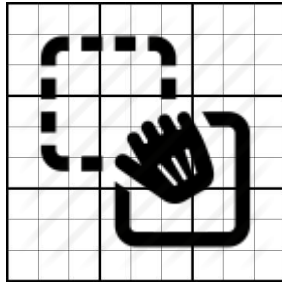
I clear my throat and rub at my ear with my finger. That activates the audio. We are all wearing voice impulse sensors under our chins which allow us to talk without

regions

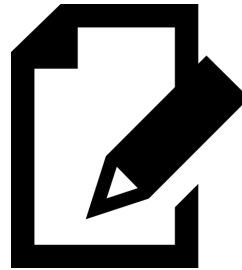


flow





Drag'nDrop
Magnetisiert



Bearbeiten
Modern



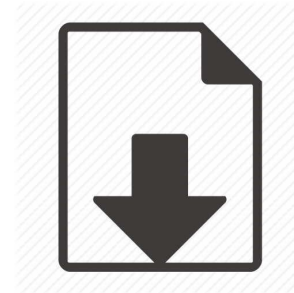
Formulare
neu gestaltet



Canvas
Gezeichnet



DEMO



File API
Konvertiert

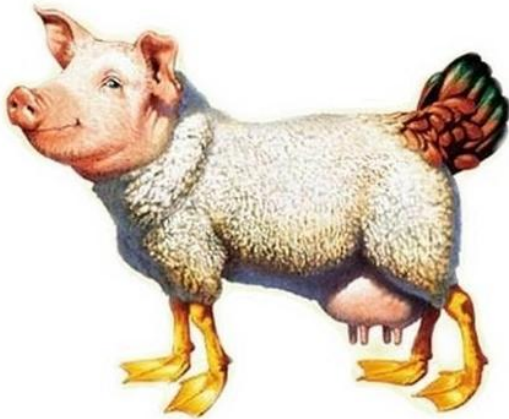
PRO

- API Möglichkeiten
 - GeoLocation
 - Drag'nDrop
 - Offline DB/Cache
 - SVG
 - Canvas
 - WebWorkers
- WebSockets
- Unterstützung Barrierefreiheit
- Editieren von Content
- Media Types
- Flow Layouts und Regionen
- Touchevents

Kontra

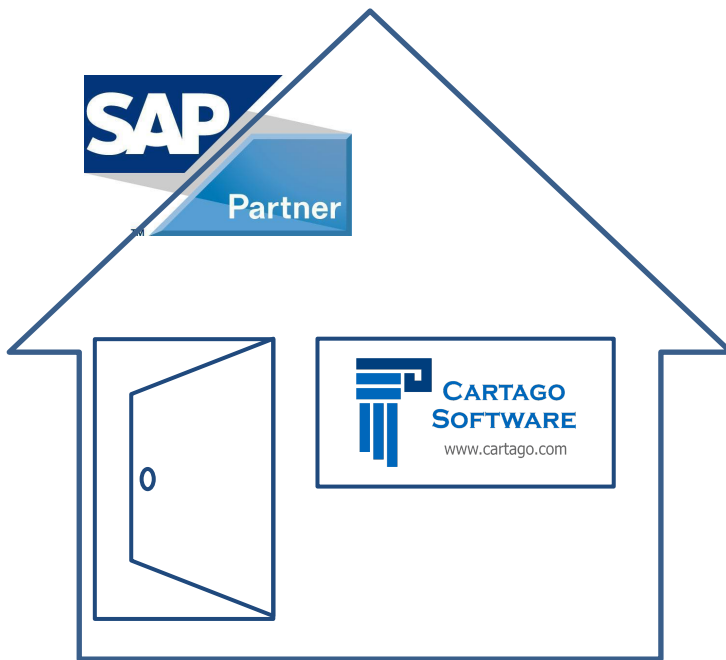
- noch nicht vollständig implementiert
- unsauberer Code möglich (parsing, wellformed) es sollte die XHTML Variante genutzt werden
- verschiedene Formate für Audio und Video Dateien für die Browser
- Elemente statt Konvention
<header> ... besser wäre eine Vereinfachung der Elemente siehe XSL-Spezifikation.

- Diverse Outputkanäle
- Diverse Auflösungen
- Diverse Anzeigegeräte/-Software
- Intelligente Dokumente
- Lokations gesteuerte Entscheidungen
- Volumina (Performance)
- Individuelle On-Demand Dokumente
- Barrierefreiheit
- Desktop 2 Web
- WYSIWYG



Altes chinesisches Sprichwort

“Feuer soll man nicht in Papier einhüllen”



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