

# Fixing the Web

## Advanced Linking and Transclusion in HTML5

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# Problem Definition

- Links between different types of media
- Envisioned in As we may think - Vannevar Bush

## Separation Of Concerns

- Content
- Links
- Annotations
- Meta Data

# Related Work

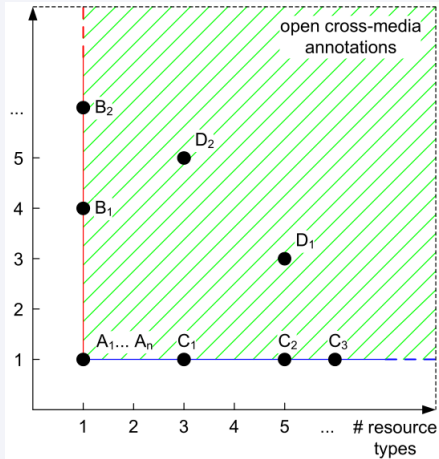
- Amaya Browser
- MadCow
  - Hard coded file types
- Anotea
  - Annotations only
  - Applicable on html only
- Feltipen
  - Limited selection
- IWeb Firefox Plugin

## Problem

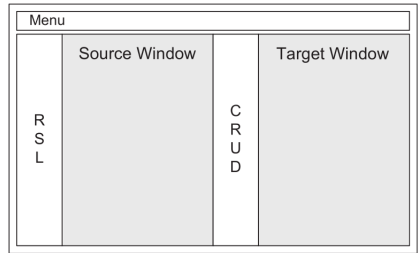
- Limited set of filetypes they operate on
- Not extensible

# Goal

- resource independent



- plugin based



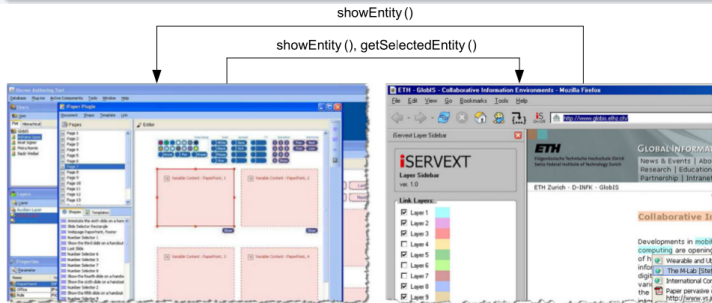
# Contribution

## Plugin

- Capture selection
- Visualise previous selections

## Communication

- Communicate with iServer through RESTfull interface



# Research Question

## Problem

- Data overload
- Visualisation issues

## Question

How will we visualise all external meta data on an html-resource without cluttering the actual content

# Research Question

## Problem

- Transclusion of foreign elements
- Composition of components

## Question

When delegating the visualisation of a resource to a plugin. How will it deal with transclusion of foreign elements?

# Timeline

## What has been done

- Related work for crossmedia linking
- Research client-server communication
- Prototype of html selection

## To do

- Research visualisation for crowd-sourced content
- Research transclusion issues with plugins
- Prototype authoring interface
- Prototype persistent annotations and linking
- Finish html visualisation prototype
- Finish product based on prototypes



