

Modul Web Interface

Herzlich willkommen!

Webseiten und Webgestaltung mit HTML / CSS

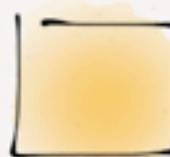
- Recherche / Analyse
- ausgewählte Übungsaufgaben
- Neugestaltung aufgrund einer bestehenden Website

- Werkzeuge, Test- und Fehlerprüfung
- Referenzen, Literatur, Dokumentation

MODULPLAN

Mo	Di	Mi	Do	Fr
	W HTML Bespr. CSS	HTML Bespr. CSS	Navi gation	Experi mente
HTML CSS		Seiten Layout	Vortrag	

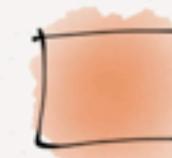
Mo	Di	Mi	Do	Fr
	Analyse	...		
	Skizzen	...		Abgabe Demo



Werkzeuge



Technische Grundl.



Vortrag



Analyse & Konzept



Aufgaben



Präsentation

Werkzeuge

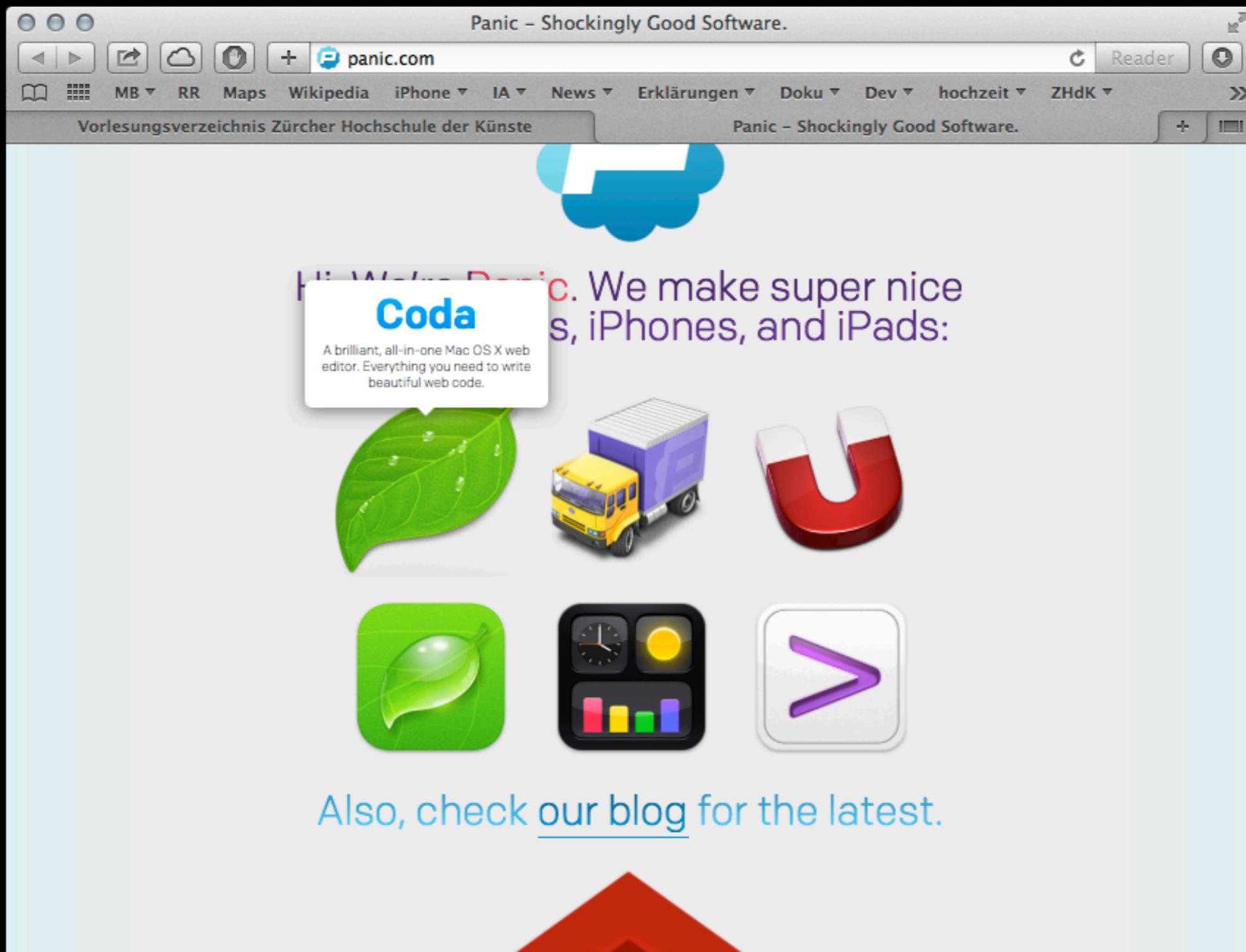
Code Editor / *Integrated Development Environment*

- Syntaxhervorhebung, Steuerzeichen, Makros
- Integration von Versionskontrolle, Dateientransfer zu Webservern
- evtl. eingebaute Datenbankwerkzeuge

Empfehlenswerte Editoren

- **Coda 2.x** (panic.com, 30 Tage Testversion)
- SublimeText (sublimetext.com, unlimitierte Testversion, auch Windows)
- TextMate (macromates.com, ? Tage Testversion)
- NotePad++ (notepad-plus-plus.org, nur Windows, *free*)

Coda 2



Coda 2

The screenshot shows the Coda 2 interface with two main panes. The left pane displays the HTML code for 'index.html' and the right pane displays the corresponding CSS code for 'index.css'. A preview window in the center shows the rendered HTML output.

index.html:

```
<!DOCTYPE html>
<html>
  <head>
    <link rel="stylesheet" href="index.css" />
    <title>Hallo, Welt!</title>
  </head>
  <body>
    <h1>Hallo, Welt!</h1>
    <p>Eine Datei für das Modul Web Interface mit Beispielinhalt.</p>
  </body>
</html>
```

index.css:

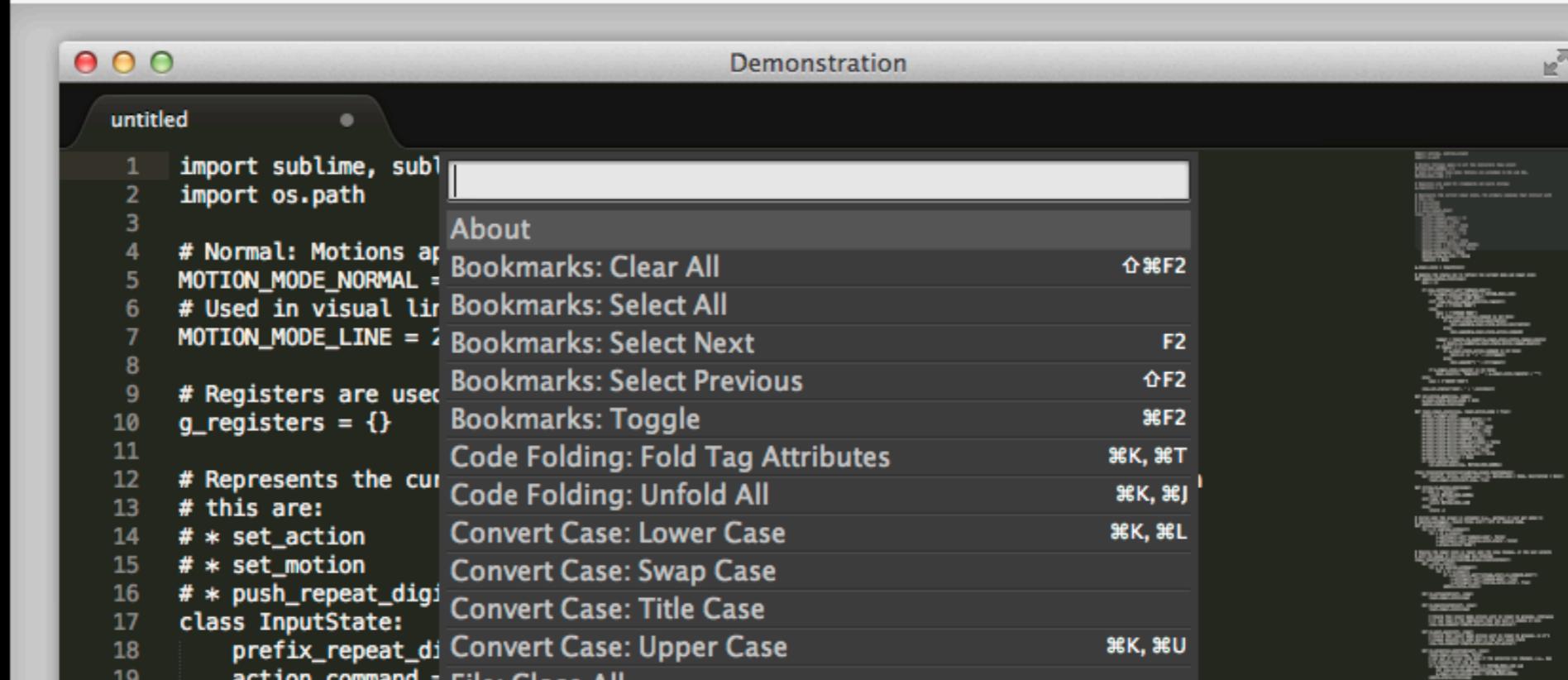
```
body {
  font-family: Helvetica;
  font-size: 18px;
}
h1 {
  text-align: center;
  color: blue;
}
```

Preview:

Haloo, Welt!

Eine Datei für das Modul Web Interface mit Beispielinhalt.

Sublime Text



index.css — Arbeitsbeispiel UNREGISTERED

FOLDERS

- Arbeitsbeispiel
- alterspyramide.tsv
- alterspyramide.txt
- Index.css
- index.html
- index.js

index.html index.js index.css

```
graph_m.append( 'path' )
    .attr( 'd', linie_m( daten ) )
    .attr( 'transform', 'translate( 0,0 )' );
// -- Einsetzen der Achsen mit Beschriftung --
// Für die konkreten Ticks brauchen wir eine allgemeinere Lösung!!
// Achse der Männer erzeugen
var achse_m = d3.svg.axis()
    .scale( fn_m )
    .tickFormat( function( d ) {
        return Math.round( d / 1000 );
    })
    .tickValues( [ 1000, 2000, 3000, 4000 ] )
    .tickSize( diagrammHoehe )
    .tickPadding( 10 )
    .orient( 'bottom' );
graph_m.append( 'g' )
    .attr( 'class', 'achse_m' )
    .attr( 'transform', 'translate( ' +
        mittenSpalte + ', ' + balkenRaum + ' )' )
    .call( achse_m );
// -- Start des eigentlichen Programms
// What to do? Wir brauchen eine Skizze
// Wie kommen wir an unsere Daten
// Excel --> tsv --> laden der Daten
```

index.css

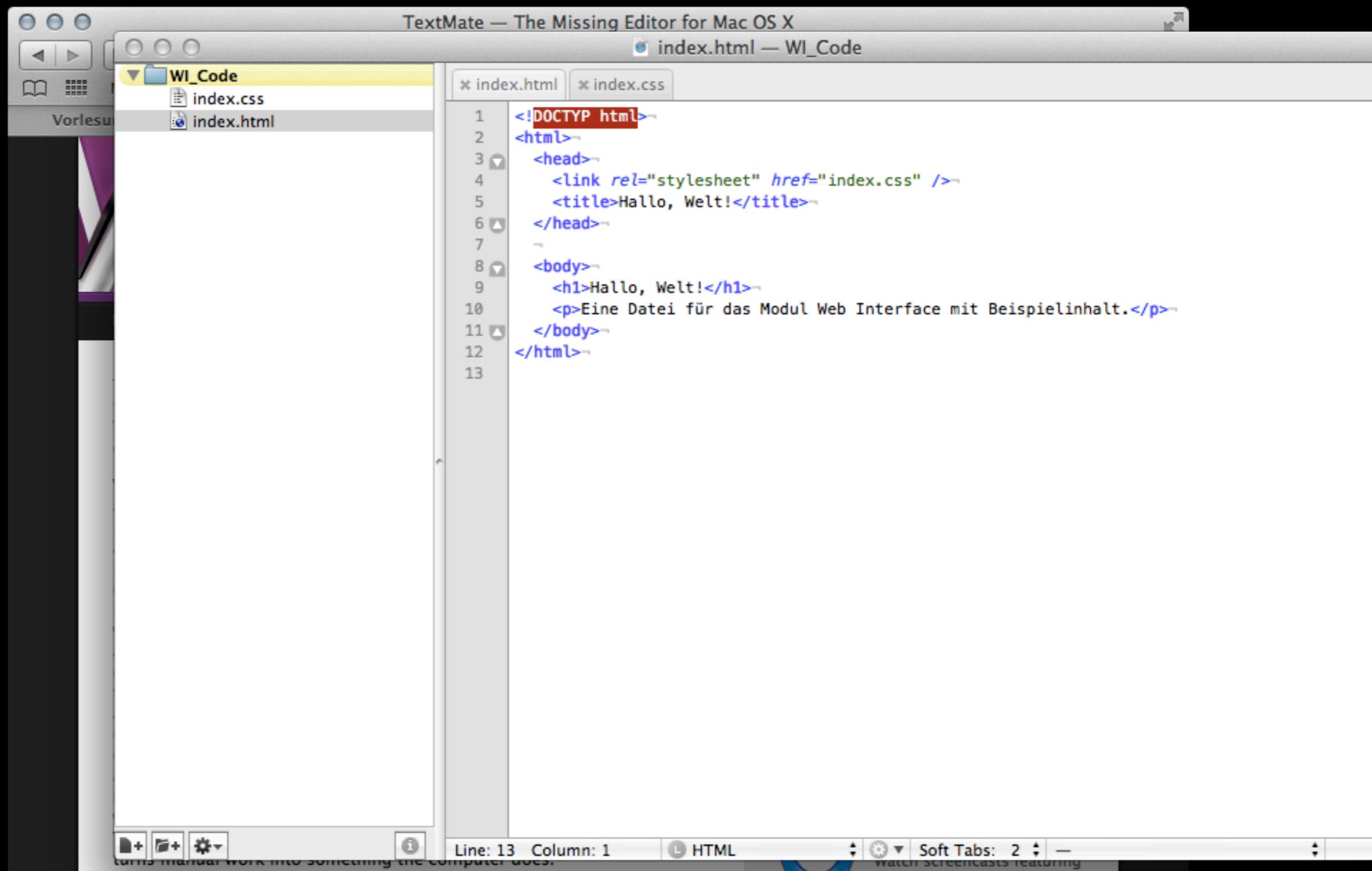
```
font-family: Helvetica, sans-serif;
font-size: 15px;
}
h1 {
    color: #0a3;
    font-size: 2em;
}
svg g.maenner rect {
    fill: #3d5;
    z-index: 100;
}
svg g.maenner path {
    fill: none;
    stroke: #0a3;
    stroke-width: 3;
    z-index: 0;
}
svg g.frauen rect {
}
.achse path {
    opacity: 0;
}
.achse line {
    stroke-width: 1;
    stroke: #000;
    opacity: 0.3;
}
```

3 characters selected Tab Size: 4 CSS

TextMate

The screenshot shows a Mac OS X desktop with a web browser window open to the TextMate website. The browser's title bar reads "TextMate — The Missing Editor for Mac OS X". The address bar shows "macromates.com". The page content features a purple header with the TextMate logo and tagline "the missing editor code and markup brought to the 21st century". Below the header is a navigation menu with links for "Intro", "Blog", "Manual", "Wiki", and "Support". A main text block explains that TextMate brings Apple's approach to operating systems into the world of text editors. To the right, there are sections for "Download" (with a "Download" button and link to "TextMate 1.5.11 or 2.0 preview"), "Purchase" (with a "Buy Now" button and links for "Policy & Group Discount" and "Lost Your License Key?"), "Documentation" (with a "PDF" icon and links for "Visit the Printable Version" and "...or read it online"), and "TextMate in Action" (with a "Watch" icon and link to "Watch screencasts featuring"). A sidebar on the left contains a file tree for the "TextMate" directory, showing files like "documentation", "etc", "gfx", "Info.plist", "Makefile", "ether", "regex", "resources", "scope", "sh", "snippet", "src", and "support". A preview window titled "OakFindManager.mm — TextMate" shows a snippet of Objective-C code related to file search functionality.

TextMate

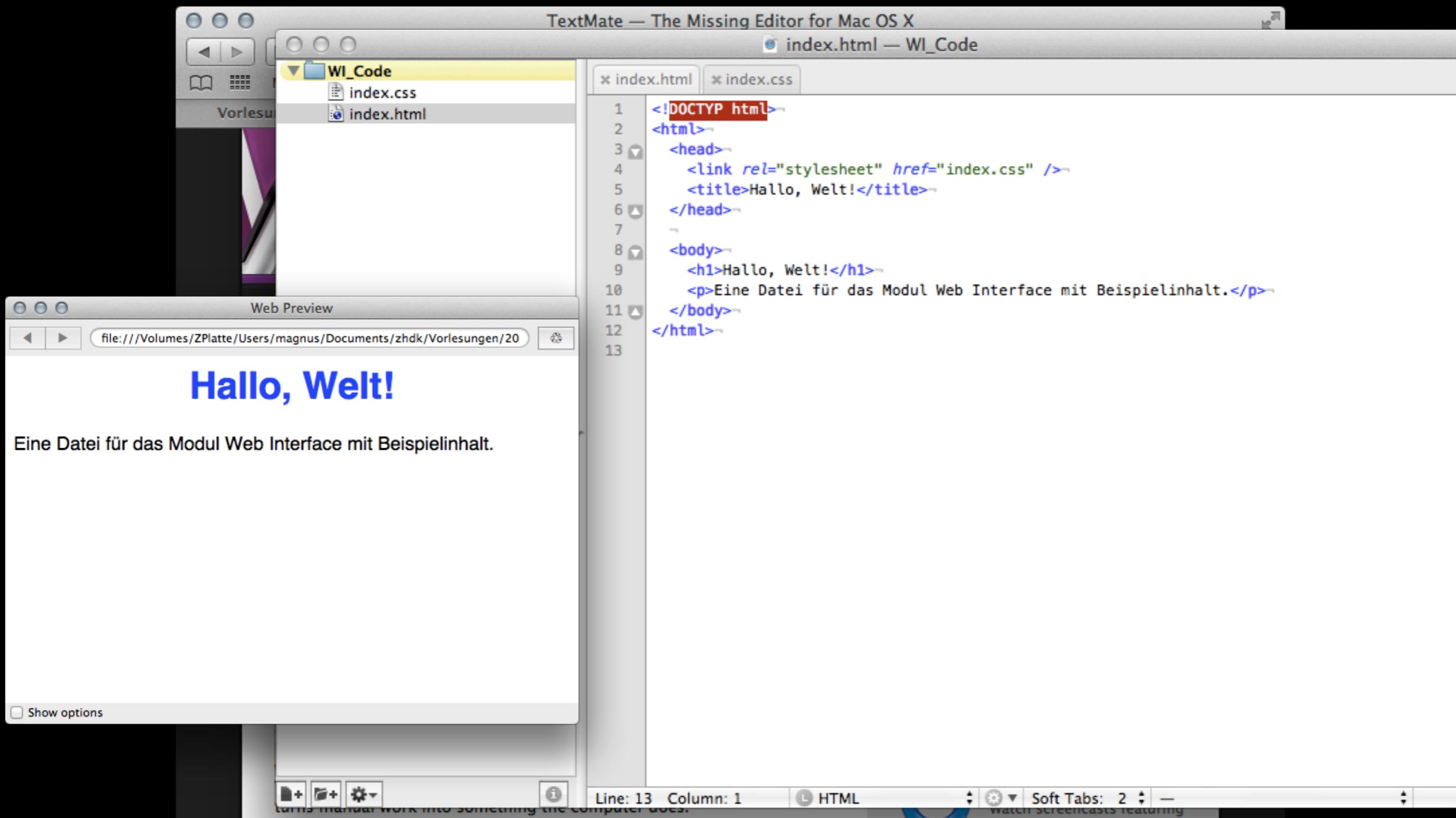


The screenshot shows the TextMate interface with the following details:

- Title Bar:** TextMate — The Missing Editor for Mac OS X
- Project Navigator:** Shows a folder named "WI_Code" containing "index.css" and "index.html".
- Editor Area:** Displays the content of "index.html".

```
<!DOCTYPE html>
<html>
<head>
<link rel="stylesheet" href="index.css" />
<title>Hallo, Welt!</title>
</head>
<body>
<h1>Hallo, Welt!</h1>
<p>Eine Datei für das Modul Web Interface mit Beispielinhalt.</p>
</body>
</html>
```
- Status Bar:** Line: 13 Column: 1, HTML, Soft Tabs: 2, Watch screencasts featuring

TextMate



NotePad++

The image shows a screenshot of a web browser displaying the Notepad++ website. The browser's address bar shows "notepad-plus-plus.org". The main content area features a large green chameleon logo with the text "Notepad++" next to it. On the left, a sidebar lists navigation links: home, download, news, features, resources, contribute, donate, contributors, and links. Below these is a "download" button. At the bottom of the sidebar, it says "Current Version: 6.5.5". The main content area has two main sections: "News" on the left and "About" on the right. The "News" section lists several releases with their dates: Notepad++ 6.5.5 released on Mar 06 2014, Notepad++ 6.5.4 released on Feb 18 2014, Notepad++ 6.5.3 released on Dec 31 2013, Notepad++ 6.5.2 released on Dec 10 2013, Notepad++ 6.5.1 released on Nov 03 2013, Notepad++ 6.5 released on Sep 29 2013, v6.4.5 - Regression fix released on Aug 09 2013, Notepad++ 6.4.4 released on Aug 08 2013, Notepad++ 6.4.3 released on Jul 28 2013, and Notepad++ 6.4.2 released on Jul 08 2013. The "About" section provides a brief overview of the software, mentioning it is free, supports multiple languages, and is based on Scintilla. It also discusses its environmental impact and power-saving features. Below the "About" section is a code editor window showing a snippet of C++ code:

```
*D:\source\notepad4ever.cpp - Notepad++  
1 #include <GPL.h>  
2 #include <free_software.h>  
3  
4 void notepad4ever()  
5 {  
6     while (true)  
7     {  
8         NotePad++;
```

Browser Developer Tools & Tests

In Safari: Menu „Entwickler“ mit Webinformationen

In Firefox & Chrome: Firebug Erweiterung (getfirebug.com)

in Firefox & Chrome: WebDeveloper Toolbar
(chrispederick.com/work/web-developer/firefox/)

HTML Code Prüfung: W3C Validator

- für HTML: validator.w3c.org/check
- für CSS: jigsaw.w3.org/css-validator/validator
- meist auch aus den Browser Erweiterungen abrufbar

Firebug

Firebug – Hallo, Welt!

Konsole HTML ▾ CSS Skript DOM Netzwerk Cookies cssUpdater Änderungen Events

Bearbeiten Sync now h1 < body < html

Styles ▾ Berechnet Layout DOM Events

index.css (Zeile 5)

```
h1 {  
    color: #0000FF;  
    text-align: center;  
}  
Geerbt von body
```

index.css (Zeile 1)

```
body {  
    font-family: Helvetica;  
    font-size: 18px;  
}
```

HTML Tree:

```
<html>  
  <head>  
    <link href="index.css" rel="stylesheet">  
    1   body {  
    2     font-family: Helvetica;  
    3     font-size: 18px;  
    4   }  
    5   h1 {  
    6     text-align: center;  
    7     color: blue;  
    8   }  
  </link>  
  <title>Hallo, Welt!</title>  
</head>  
  <body>  
    <h1>Hallo, Welt!</h1>  
    <p>Eine Datei fÃ¼r das Modul Web Interface mit Beispielinhalt.</p>  
  </body>  
</html>
```

Firebug

The screenshot displays two instances of the Firebug developer toolbar. The top instance is focused on the **HTML** tab, showing the DOM structure of the page. It highlights the `<link href="index.css" rel="stylesheet">` element under the `<head>` section. The right panel shows the **Styles** tab with the CSS rule for the `h1` element:

```
h1 {  
    color: #0000FF;  
    text-align: center;  
}
```

The bottom instance of Firebug is focused on the **DOM** tab, displaying the global `window` object. The properties listed include:

- `cancelAnimationFrame`: `cancelAnimationFrame()`
- `InstallTrigger`: `Object { SKIN=1, LOCALE=2, CONTENT=4, mehr... }`
- `applicationCache`: `0 items in offline cache`
- `closed`: `false`
- `console`: `Object { log=function(), debug=function(), info=function(), mehr... }`
- `constructor`: `Object { }`
- `content`: `Window index.html`
- `controllers`: `XULControllers { constructor=..., QueryInterface=QueryInterface(), getControllerForCommand=getControllerForCommand(), mehr... }`
- `crypto`: `Crypto { version="2.4", enableSmartCardEvents=false, generateCRMFRequest=generateCRMFRequest(), mehr... }`
- `devicePixelRatio`: `1`
- `document`: `Document index.html`
- `external`: `Object { QueryInterface=QueryInterface(), addSearchEngine=addSearchEngine(), AddSearchProvider=AddSearchProvider(), mehr... }`

HTML Validator: validator.w3c.org

[Invalid] Markup Validation of web-developer--1395703326694.html – W3C Markup Validator

Hallo, Welt! [Invalid] Markup Validation of ... +

validator.w3.org/check

Google

Deaktivieren Cookies CSS Formulare Bilder Informationen Sonstiges Kontur Größe ändern Werkzeuge Quelltext anzeigen Einstellungen

W3C® Markup Validation Service
Check the markup (HTML, XHTML, ...) of Web documents

Jump To: Notes and Potential Issues Validation Output Source Listing

Errors found while checking this document as HTML 4.01 Transitional!

Result:	3 Errors, 5 warning(s)
File :	<input type="button" value="Durchsuchen..."/> Keine Datei ausgewählt. <small>Use the file selection box above if you wish to re-validate the uploaded file web-developer--1395703326694.html</small>
Modified:	(undefined)
Server:	Mozilla/5.0 (Macintosh; Intel Mac OS X 10.8; rv:27.0) Gecko/20100101 Firefox/27.0
Size:	(undefined)
Content-Type:	text/html
Encoding :	utf-8
Doctype :	HTML 4.01 Transitional
Root Element:	html

CSS Validator: jigsaw.w3.org/css-validator/validator

Ergebnisse des CSS-Validators web-developer--1395703449591.css (CSS level 3)

Hallo, Welt! Ergebnisse des CSS-Validators ... +

jigsaw.w3.org/css-validator/validator Google

Deaktivieren Cookies CSS Formulare Bilder Informationen Sonstiges Kontur Größe ändern Werkzeuge Quelltext anzeigen Einstellungen

W3C® Der W3C CSS Validierungsdienst
Ergebnisse des CSS-Validators web-developer--1395703449591.css (CSS level 3)

Zu: Fehler (2) Ihrem validierten Cascading Style Sheet

Ergebnisse des CSS-Validators web-developer--1395703449591.css (CSS level 3)

Entschuldigung! Es wurden die folgenden Fehler gefunden (2)

URI : web-developer--1395703449591.css

22	.firebugResetStyles	Die Eigenschaft pointer-events existiert nicht : none
129	.fbProxyElement	Die Eigenschaft pointer-events existiert nicht : auto

↑ TOP



Try now the W3C Validator Suite™ premium service that checks your entire website and evaluates its conformance with W3C open standards to quickly identify those portions of your website that need your attention.



The W3C validators are hosted on server technology donated by HP, and supported by community donations.

[Donate](#) and help us build better tools for a better web.

4741

Flattr

Versionskontrolle

Gruppenwerkzeug zur Synchronisation von Code-Projekten

- kommt von Software-Entwicklung her
- kann gut für jegliche Art textbasierter Projekte eingesetzt werden

Typische Versionskontrollsysteme

- CVS: Code Versioning System
- svn: subversion
- git (aus Linux Entwickler Gemeinde)
- github: *Social Coding*, Netzplattform, frei für OpenSource

github.com

The screenshot shows a web browser window with the GitHub interface. The title bar reads "less/less.js · GitHub". The address bar shows "GitHub, Inc. github.com/less/less.js". The top navigation bar includes links for MB, RR, Maps, Wikipedia, iPhone, IA, News, Erklärungen, Doku, Dev, hochzeit, ZHdK, Magnus, Artikel, Tools, and several tabs for "Vorlesungsverzel...", "sublime text edito...", "TextMate Manual", "notepad++ - Yah...", "Notepad++ Home", and "less/less.js · Git...". The GitHub logo is on the left, followed by "This repository" and a search bar. To the right are "Explore", "Features", "Enterprise", "Blog", "Sign up", and "Sign in" buttons.

less / less.js

Leaner CSS <http://lesscss.org>

1,750 commits | 2 branches | 25 releases | 151 contributors

Merge pull request #1919 from bcluca/master ...

lukeapage authored 18 days ago | latest commit 372c55480b

File	Commit Message	Date
benchmark	fix the benchmark less	3 months ago
bin	update readme and rename LESS to Less	25 days ago
build	Fix pills into right place	21 days ago
dist	1.7.0 Release	25 days ago
gradle	added gradle wrapper scripts	5 months ago

Code | Issues (208) | Pull Requests (15) | Wiki | Pulse | Graphs | Network | HTTPS clone URL

github.com

The screenshot shows a web browser window with the GitHub interface for the 'less/less.js' repository. The browser's address bar displays 'less/less.js · GitHub'. The GitHub header includes links for 'Explore', 'Features', 'Enterprise', 'Blog', 'Sign up', and 'Sign in'. On the left, a sidebar lists repository files like 'History', 'Changes', 'Branches', and 'Settings'. The main content area shows an 'Uncommitted Changes' section with a commit summary and an extended description field. A tip message suggests selecting specific lines for a commit. The right side shows the file 'intro_js_original/01_variablen.js' with its code content.

less/less.js · GitHub

GitHub, Inc. GitHub.com/less/less.js

Vorlesungsverzel... sublime text edito... TextMate Manual notepad++ - Yah... Notepad++ Home less/less.js · Git...

GitHub This repository Search or type a command Explore Features Enterprise Blog Sign up Sign in Sync Branch

Repositories > mmrZHdK/MS13_Beispiele >

less / less.js History Changes Branches Settings

Merge pull request #19 lukeapage authored

benchmark bin build dist gradle

Leaner CSS http://les...

1,750 commits

branch: master

Committing to master

Uncommitted Changes Commit & Sync

Commit summary

Extended description

Select All 1 file, 1 addition, 0 deletions

introduction_js_original/01_variablen.js

Tip: Click line numbers to select specific lines for a commit.

... ... @@ -14,3 +14,4 @@ var rechnung2 = 13 % 4; // Rest Operator, ergibt 1

14 14 var kurz = "ein" + "wort;"

15 15 var lang = "noch mehr" + kurz + 9 + "\tneue\nZeile";

16 16

17 17 +// zusätzlicher Schlusskommentar

Dokumentation

SelfHTML (selfhtml.org, offline-Variante verfügbar)

Mozilla Developers Network (developer.mozilla.org)

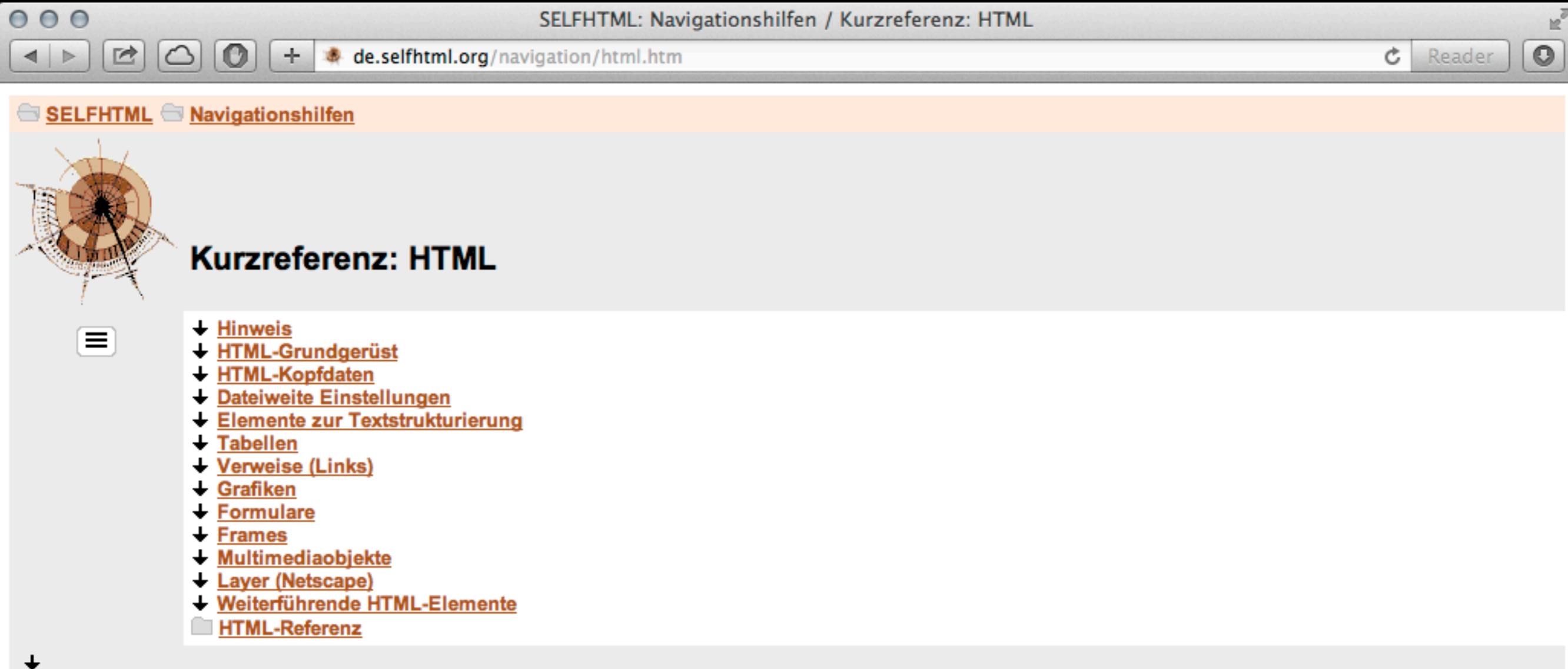
WebPlattform.org (*open community effort*)

W3C Referenz Dokumentation (nicht sonderlich lesbar)

Can I use (caniuse.com, Fokus auf Browserunterstützung)

nicht W3Schools.org (siehe w3fools.com)

SelfHTML selfhtml.org



The screenshot shows a web browser window with the following details:

- Title Bar:** SELFHTML: Navigationshilfen / Kurzreferenz: HTML
- Address Bar:** de.selfhtml.org/navigation/html.htm
- Toolbar:** Standard browser icons for back, forward, search, etc.
- Header:** SELFHTML Navigationshilfen
- Image:** A circular logo with concentric rings and radiating lines, resembling a stylized sun or a compass.
- Title:** Kurzreferenz: HTML
- Table of Contents:** A sidebar menu on the left side of the main content area, listing various HTML topics with downward arrows indicating they are expandable.

 - ↓ [Hinweis](#)
 - ↓ [HTML-Grundgerüst](#)
 - ↓ [HTML-Kopfdaten](#)
 - ↓ [Dateiweite Einstellungen](#)
 - ↓ [Elemente zur Textstrukturierung](#)
 - ↓ [Tabellen](#)
 - ↓ [Verweise \(Links\)](#)
 - ↓ [Grafiken](#)
 - ↓ [Formulare](#)
 - ↓ [Frames](#)
 - ↓ [Multimediaobjekte](#)
 - ↓ [Layer \(Netscape\)](#)
 - ↓ [Weiterführende HTML-Elemente](#)
 - [HTML-Referenz](#)

- Content Area:** The main content area is currently empty, showing only the title "Kurzreferenz: HTML".

Hinweis

Die HTML-Kurzreferenz ist **nicht** für Anfänger geeignet! Die Kurzreferenz richtet sich an Anwender, die sich mit HTML auskennen und eine allgemeine Syntax-Übersicht für wichtige und praxisrelevante Sprachbestandteile haben wollen (die Kurzreferenz erhebt keinen Anspruch auf Vollständigkeit). Die Kurzreferenz eignet sich als Navigationshilfe. Von den Kurzbeschreibungen führen Verweise vom Typ  [Beschreibung](#) direkt zu den ausführlichen Beschreibungen innerhalb der Dokumentation.

Mozilla Developer Network developer.mozilla.org

The screenshot shows a web browser window displaying the MDN (Mozilla Developer Network) website. The title bar reads "HTML | MDN". The address bar shows the URL "developer.mozilla.org/en-US/docs/Web/HTML". The page content is about HTML, with a large heading "HTML". On the left, there's a sidebar with "SEE ALSO" sections for CSS, DOM, Web APIs, and Web API Reference, along with links for browser-independent tools and specific browser developer tools (Firefox, Safari, Chrome). The main content area has sections for "HTML reference", "HTML guide", and "HTML introduction". It also includes a "Sign in with Persona" button and a "mozilla" dropdown menu.

HTML

▲ HIDE SIDEBAR

SEE ALSO

Cascading Style Sheets (CSS)

Document Object Model (DOM)

Guide to Web APIs

Web API Reference

▶ Browser-independent tools

▶ Firefox developer tools

▶ Safari developer tools

▶ Chrome developer tools

HyperText Markup Language (HTML) is the core language of nearly all Web content. Most of what you see on screen in your browser is described, fundamentally, using HTML. More precisely, HTML is the language that describes the structure and the semantic content of a Web document. Content within a Web page is tagged with HTML elements such as ``, `<title>`, `<p>`, `<div>`, and so forth.

The articles here provide reference materials you can refer to while you develop for the Web.

HTML reference

In our [extensive reference](#), you'll find the details on every element and attribute that make

HTML guide

For articles about how to use HTML, as well as tutorials and complete examples, check out our

HTML introduction

If you're new to Web development, be sure to read our [introduction](#) to what HTML is and how to

Mozilla Developer Network developer.mozilla.org

The screenshot shows a web browser window displaying the Mozilla Developer Network (MDN) documentation for 'Heading elements'. The URL in the address bar is https://developer.mozilla.org/en-US/docs/Web/HTML/Element/Heading_Elements. The page title is 'Heading elements – HTML | MDN'. The MDN logo is visible in the top left corner of the page area.

The main content area features a large heading 'Heading elements'. A red banner at the top of the content area states: 'There were scripting errors on this page. While those are being addressed by site editors, you can view partial content below.' Below this, the 'Summary' section is introduced with the text: 'Heading elements implement six levels of document headings, <h1> is the most important and <h6> is the least. A heading element briefly describes the topic of the section it introduces. Heading information may be used by user agents, for example, to construct a table of contents for a document automatically.' To the right of the summary, there is a sidebar titled 'IN THIS ARTICLE' containing links to 'Summary', 'Attributes', 'Examples', 'All headings', 'Example page', 'Notes', 'Specifications', 'Browser compatibility', and 'See also'.

On the far left, a vertical sidebar displays navigation links for 'MDN', 'Web Technologies', 'HTML', and 'CSS'. It also includes 'HIDE SIDEBAR' and 'SEE ALSO' sections with links to 'Cascading Style Sheets', 'Document Objects', 'Guide to Web Development', 'Web API Reference', 'Browser-independent', 'Firefox developer', 'Safari developer', and 'Chrome developer' documentation.

Can I use... caniuse.com

The screenshot shows a web browser window displaying the Can I use... website. The title bar reads "Can I use... Support tables for HTML5, CSS3, etc". The page header includes "Can I use...", "Suggestions", "Feed", "Twitter", and a "957" badge. A sidebar on the right has icons for "5", "5", and "Flattr". The main content area features three large orange boxes: "CSS" (with items like @font-face, calc(), etc.), "HTML5" (with items like Audio element, Canvas, etc.), and "SVG" (with items like Inline SVG, SVG effects, etc.). A search bar at the top right contains "border-radius, WebGL, woff, €". Navigation links at the bottom include "Index", "Tables", "Import stats", "FAQ", "Resources", and "Embed".

Can I use... Support tables for HTML5, CSS3, etc

caniuse.com

Suggestions Feed Twitter 957 Flattr

Can I use...

Compatibility tables for support of HTML5, CSS3, SVG and more in desktop and mobile browsers.

Latest update: Ten more features added (March 11, 2014)

Search: border-radius, WebGL, woff, €

Index Tables Import stats FAQ Resources Embed

CSS

- @font-face Web fonts
- Blending of CSS image
- calc() as CSS unit value
- 2.1 selectors
- Counters
- Feature Queries
- Filter Effects
- Generated content
- Gradients
- Grid Layout
- Hyphenation
- inline-block
- Masks
- min/max-width/height
- outline

HTML5

- Audio element
- Canvas (basic support)
- Canvas blend modes
- Color input type
- contenteditable attribute (basic support)
- Datalist element
- dataset & data-* attributes
- Date/time input types
- Details & Summary elements
- Download attribute
- Drag and Drop
- Form validation
- HTML5 form features
- input placeholder attribute
- New semantic elements

SVG

- Inline SVG in HTML5
- SVG (basic support)
- SVG effects for HTML
- SVG filters
- SVG fonts
- SVG fragment identifiers
- SVG in CSS backgrounds
- SVG in HTML img element
- SVG SMIL animation
- All SVG features

Other

- async attribute for external scripts

Can I use... caniuse.com

Can I use... Support tables for HTML5, CSS3, etc

caniuse.com/#cats=HTML5

Reader

Search: border-radius, WebGL, woff, €

Index Tables

Compatibility tables Browser comparison

▼ Hide options

= Supported = Not supported = Partially supported = Support unknown

Category Status

- All
- CSS
- HTML5
- JS API
- Other
- SVG
- All
- Recommendation
- Proposed Rec.
- Candidate Rec.
- Working Draft
- Other
- Unofficial / Note

Hashchange event - Candidate Recommendation

*Usage stats: Global

Support: 88.85%

Event triggered in JavaScript when the URL's hash has changed
(for example: page.html#foo to page.html#bar)

Show all versions	IE	Firefox	Chrome	Safari	Opera	iOS Safari	Opera Mini	Android Browser	Blackberry Browser	IE Mobile
								2.1		
								2.2		
								3.2	2.3	
								4.0-4.1	3.0	
	8.0							4.2-4.3	4.0	
	9.0	26.0	31.0					5.0-5.1	4.1	
	10.0	27.0	32.0					6.0-6.1	4.2-4.3	7.0
Current	11.0	28.0	33.0	7.0	19.0	7.0	5.0-7.0	4.4	10.0	10.0
Near future		29.0	34.0		20.0					
Farther future		30.0	35.0		21.0					
3 versions ahead		31.0	36.0							

Versions shown Set minimum browser usage %:

Notes Known issues (0) Resources (6) Feedback Edit on GitHub

Übungsaufgaben

kleine Aufgaben zu den behandelten Themengebieten
einzelne zu bearbeiten

Ergebnisse

- jeweils kurz beschreiben
- im eigenen Ordner in *github* ablegen
- **experimentieren, Varianten ausprobieren**

github Ordner des Moduls:
https://github.com/mmrZHdK/WI_Code

Besprechungen

Regelmässige Aufgabe-Phasen

- eigene kleine Aufgaben
- jede/r selbst bearbeiten
- Lösungen auf github hochladen (Anleitung dazu später)

Jederzeit Fragen stellen

In Aufgabenphasen bin ich zur Beratung da

+ gerne auch Fehlersuche

später ausgeschriebene Besprechungszeiten in Woche 02

Arbeitsbeispiel

Bestehende Website

Inhalt der Website soll Ausgangsmaterial für Überarbeitung oder Neugestaltung sein

Vortrag zu Website, Geschichte, Entstehung, Nutzern, Zielrichtung, Inhalte

Umfrageergebnisse unter Nutzern zur Überarbeitung
ausgewählte Nutzer zur Befragung bereit

Überarbeitungsvorschläge werden zur Diskussion gestellt
bester Vorschlag soll implementiert werden



Aufgabe: Werkzeuge

Werkzeuge laden

Programme installieren

ausprobieren

Dokumentation anschauen

Validatoren testen

Aufgabe: Hallo, Welt!

eine erste "Hallo, Welt!" HTML Seite erstellen und testen

wer keinen Schimmer hat

- in einer der Dokus nach Grundbeispiel schauen
- Quellcode von HTML Seiten aus Internet ansehen

experimentieren!