

Web Essentials



Docent



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Studiemateriaal

- ECTS fiche
- Thematische modules in de Canvas-cursus
 - Video-materiaal op maat
 - Presentaties (pdf)
 - **Oefeningen**
- Pluralsight (extern leerplatform)
- Bijkomend lesmateriaal
 - Verwijzingen vanuit de modules en nuttige links

Canvas

[canvas.ehb.be: Web Essentials](#)

- Overzicht leerstof
- Geeft aan wat gekend moet zijn en extras
- Info over evaluatie (examen)
- Verwijzing naar de modules
- Modules
 - Alle lesmateriaal voor dit vak



Begeleiding

- Tijdens de lessen
- Op afspraak (Teams)

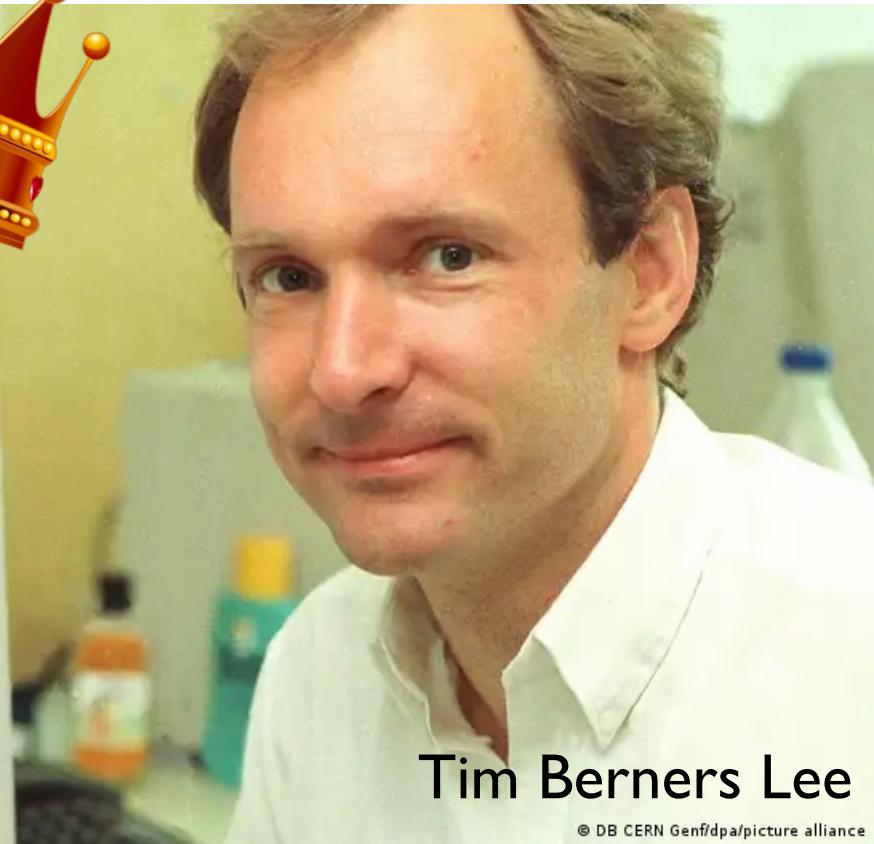
Evaluatie

- Examen januari : Praktijkexamen voorafgegaan door een reeks meerkeuze & open vragen
 - Theorie (20%)
 - Praktijk (80%)



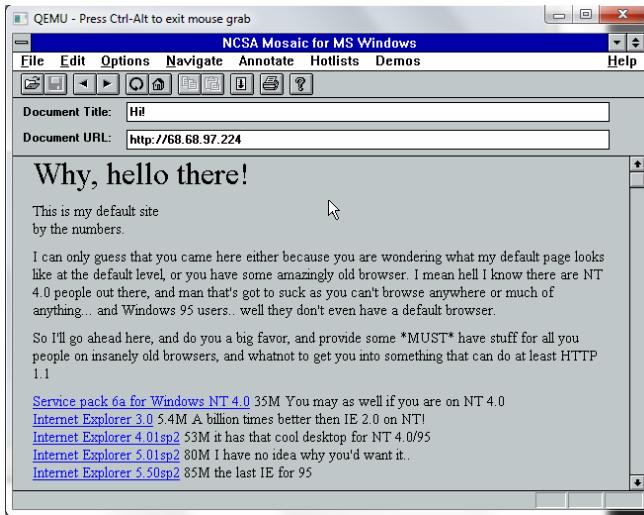
Inleiding

Html werd 30

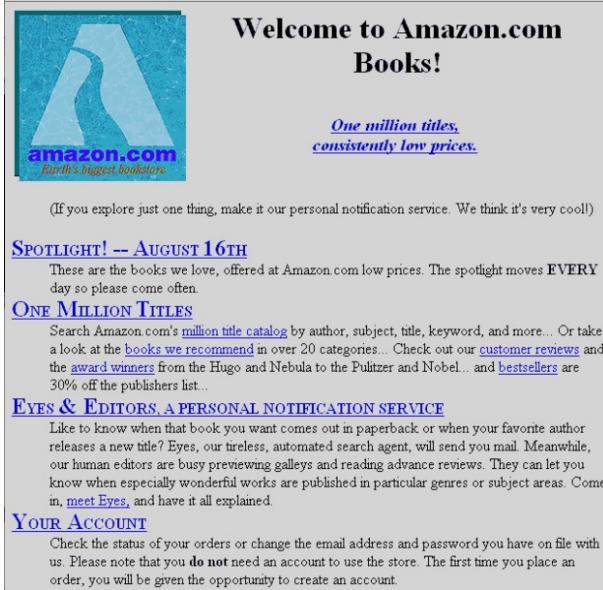


Tim Berners Lee

Times have changed



1994: Amazon



The screenshot shows the first version of the Amazon website. At the top right, the text "Welcome to Amazon.com Books!" is displayed above a sub-headline "One million titles, consistently low prices.". To the left of the text is the iconic blue A logo with the word "amazon.com" below it and "Earth's biggest bookstore" underneath. Below the logo, there is a small note: "(If you explore just one thing, make it our personal notification service. We think it's very cool!)". The main content area features several sections: "SPOTLIGHT! -- AUGUST 16TH" with a note about low prices; "ONE MILLION TITLES" with a description of the catalog search feature; "EYES & EDITORS, A PERSONAL NOTIFICATION SERVICE" with a description of the personal notification service; and "YOUR ACCOUNT" with a note about account creation. The overall design is minimalist with a white background and black text.

Welcome to Amazon.com
Books!

*One million titles,
consistently low prices.*

(If you explore just one thing, make it our personal notification service. We think it's very cool!)

SPOTLIGHT! -- AUGUST 16TH

These are the books we love, offered at Amazon.com low prices. The spotlight moves EVERY day so please come often.

ONE MILLION TITLES

Search Amazon.com's [million title catalog](#) by author, subject, title, keyword, and more... Or take a look at the [books we recommend](#) in over 20 categories... Check out our [customer reviews](#) and the [award winners](#) from the Hugo and Nebula to the Pulitzer and Nobel... and [bestsellers](#) are 30% off the publishers list...

EYES & EDITORS, A PERSONAL NOTIFICATION SERVICE

Like to know when that book you want comes out in paperback or when your favorite author releases a new title? Eyes, our tireless, automated search agent, will send you mail. Meanwhile, our human editors are busy previewing galleys and reading advance reviews. They can let you know when especially wonderful works are published in particular genres or subject areas. Come in, [meet Eyes](#), and have it all explained.

YOUR ACCOUNT

Check the status of your orders or change the email address and password you have on file with us. Please note that you **do not** need an account to use the store. The first time you place an order, you will be given the opportunity to create an account.

1998: Google



2001: Wikipedia

HomePage

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You can [edit this page right now!](#) It's a free, community project

Welcome to [Wikipedia](#), a collaborative project to produce a complete encyclopedia from scratch. We started in January 2001 and already have **over 6,000 articles**. We want to make over 100,000, so let's get to work—*anyone* can edit any page—copyedit, write a little, write a lot. See the [Wikipedia FAQ](#) for information on how to edit pages and other questions. If you're visiting Wikipedia for the first time, welcome! The content of Wikipedia is covered by the [GNU Free Documentation License](#).

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Today is Friday, July 27¹⁷, 2001, servertime (Pacific Standard Time).

2004: Facebook

Thefacebook is an online directory that connects people through social networks at colleges.

We have opened up Thefacebook for popular consumption at **Harvard University**.

You can use Thefacebook to:

- Search for people at your school
- Find out who are in your classes
- Look up your friends' friends
- See a visualization of your social network

To get started, click below to register. If you have already registered, click [Login](#).

[register](#) [login](#)

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a Mark Zuckerberg production
Thefacebook © 2004

Scott Pearson's Profile (This is you) Scranton

Picture [\[edit \]](#)

Information [\[edit \]](#)

Account Info:
Name: Scott Pearson, BS
Member Since: January 12, 2005
Last Update: February 3, 2005

Basic Info:
Email: pearsone2@scranton.edu [\[edit \]](#)
Status: Alumnus/Alumna
Sex: Male
Year: 2004
Concentrations: Computing Sciences, Mathematics

Phone: 570.499.4018
High School: Durmore HS '00

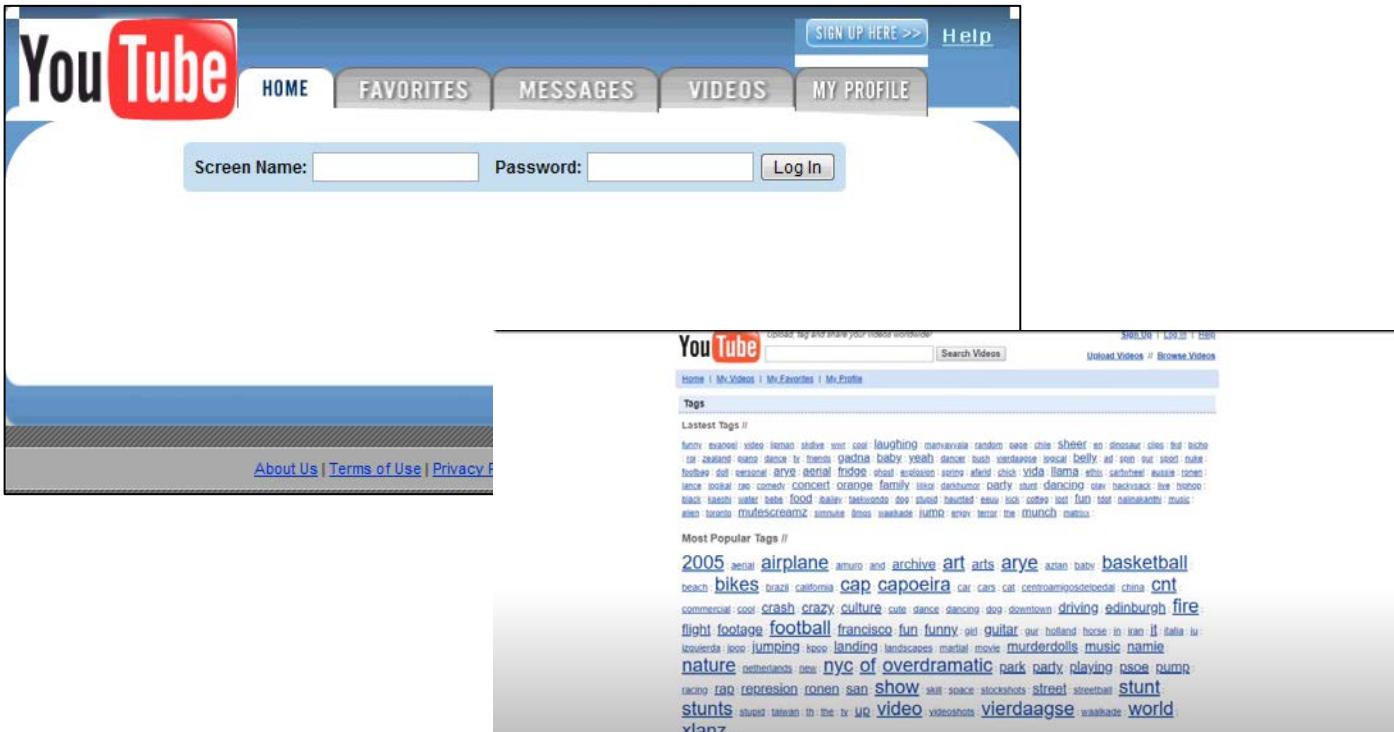
Extended Info:
Screenshot: [ScottiePP7](#) [Friendship](#) [Dating](#) [A Relationship](#) [Random play](#) [Whatever I can get](#)
Looking For: Women

Interested In: Relationship Status: Single
Political Views: Liberal
Interests: Drinking, Football, Basketball, Tennis, saying you'll have that

Access
Scott is currently logged in from a non-residential location.

Other Schools [\[edit \]](#)

2005: Youtube



Case: Adobe



1996





PRODUCTS ABOUT ADOBE REGISTRATION SUPPORT SEARCH/SITEMAP PERSONAL ADOBE FEEDBACK



Adobe Photoshop 6 tutorial Layer Blending

PRINT Use a variety of blending options to make a multilayer composite in Photoshop.



Mostasa
What's the secret weapon behind Jamesbond.com? How does SpinalTap.com go to "11"? Just ask Mostasa.



The art of coloring line art
Tired of the old black and white? Learn how to add color to ordinary line art.

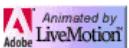


Annotate to collaborate
Review and approval of Adobe PDF files begins with the annotation tools in Acrobat.



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Upgrade to Photoshop 6.0 for just \$199. Even better, upgrade any other Adobe product at the same time and save 10% on both.

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1999





2008

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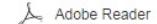
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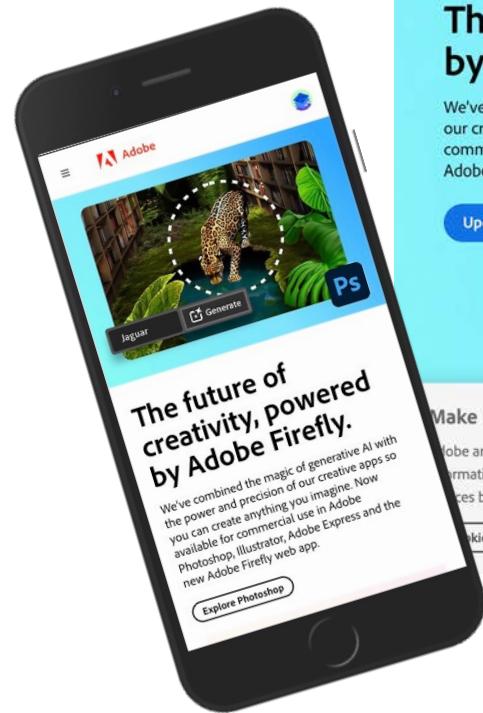


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The future of creativity, powered by Adobe Firefly.

We've combined the magic of generative AI with the power and precision of our creative apps so you can create anything you imagine. Now available for commercial use in Adobe Photoshop, Illustrator, Adobe Express and the new Adobe Firefly web app.

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2023

Case: Apple

The screenshot shows the Apple website homepage from 1997. At the top right, it says "JULY 1997". The main header reads "Welcome to Apple 1997". Below the header, there's a banner for "Introducing CyberDrive" featuring a BMW logo. A call-to-action button says "Register today for a free CD-ROM.". To the right, there's a section for "EMATE 300" with a small image of a laptop and the text "Mobile, Affordable, & Smart". Another section below it is titled "MOVIES FROM MARS" with a thumbnail for "QuickTime VR Takes You Out of this World". On the left side, there's a sidebar with links like "Find It", "Product Information", "Customer Support", "Technology & Research", "Developer World", "Groups & Interests", "Resources Online", and "About Apple". A dropdown menu under "Apple Sites Worldwide" lists "Switzerland", "Taiwan", "Turkey", "UK & Ireland", and "United States", with "United States" currently selected. Other sidebar links include "Where to Buy", "Register to Win", "Software Updates", and "Home Page Archives". At the bottom, a link says "Big Help for Small Biz Find".

1996

Apple



2002

Hot News Headlines

Pro. Go. Whoa. A Strategy as Simple as the Macintosh.



Pro.

Creative professionals, meet your match.



Go.

We rewrote the book on mobile computing.



Whoa.

It's okay, you don't have to say anything.

The
Apple Store

Hot News
About Apple

Products
Support

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Education

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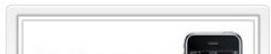
A little video for everyone. The new iPod nano



2007



Watch the ad.

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EA's hottest new games.
Now playing on your Mac.

The new iPod touch. A guided tour.

Hold everything. [The new iPod classic](#)

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2012

Why You'll Love a Mac

DON'T GIVE UP ON VISTA!

Leopard just works.

Leopard has over 300 amazing new features. But most impressive, it just works the way you want it to.

[Watch ads ▶](#) [More reasons ▶](#)



MacBook Pro.

Now featuring the latest Intel Core 2 Duo processor and Multi-Touch trackpad.

Where to Buy

Hot News

Mac@work

Sonic Soul
Singer/songwriter Greg Laswell records directly into

[Store](#)[Mac](#)[iPad](#)[iPhone](#)[Watch](#)[AirPods](#)[TV & Woning](#)[Entertainment](#)[Accessoires](#)[Support](#)

iPhone 15 Pro

Titanium. Zo sterk. Zo licht. Zo Pro.

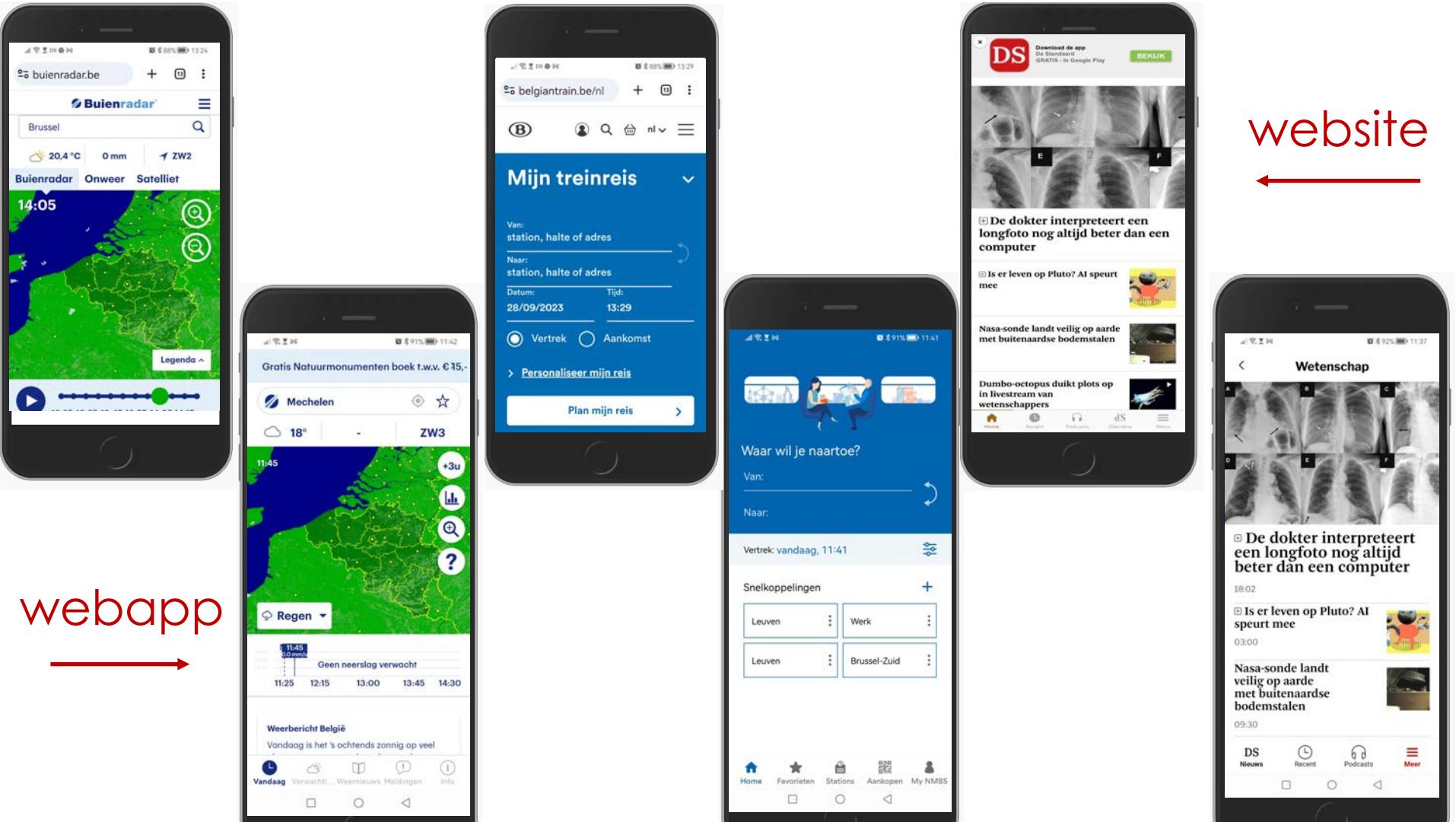
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2023



iPhone 15



website



webapp



Wat is HTML?

- HyperText Markup Language
- Markup-taal
- Structureert inhoud
- Defineert inhoud
- Semantisch
 - inhoud & betekenis
 - design

```
TYPE HTML PUBLIC "-//IETF//DTD HTML 2.0//EN"
!
<head>
<meta name="TITLE" content="My First Web Page"/>
<meta name="KEYWORD" content="HTML, CSS, JavaScript"/>
<meta name="DESCRIPTION" content="A simple web page"/>
<link rel="stylesheet" href="style.css"/>
<script language="JavaScript">
</head>
<body>
```

Wat is CSS?

- Cascading Style Sheet
- Stijlblad
- Definieert opmaak
- Opsomming van eigenschappen (properties)

A close-up photograph of a black pen tip writing on a white piece of paper. The pen is writing a snippet of CSS code. The code includes a 'body' selector with properties like 'font-size: x-small;', 'background-color: #fff;', 'color: black;', 'margin: 0;', and 'padding: 0;'. Below it, a 'table' selector is partially visible.

```
body {  
    font-size: x-small;  
    background-color: #fff;  
    color: black;  
    margin: 0;  
    padding: 0;  
}  
table {
```

Wat is Javascript

- Code die door de browser wordt verwerkt
- Dynamische webpagina's
- Kan html en css updaten en aanpassen
- Berekenen, data manipuleren, valideren, ...
- Reageren op triggers zoals muisklik, scroll, ...

```
1 // Promise from setTimeout
2 const afterSomeTime = (time) => new Promise(resolve => {
3   setTimeout(() => {
4     resolve(true);
5   }, time);
6 });
7 const callAfterSomeTime = (callback, time) => afterSomeTime(time).then(callback);
8
9 callAfterSomeTime(() => console.log('Hello after 1500ms'), 1500);
10
11 const getData = async (url) => fetch(url);
12
13 document
14   .querySelector('#submit')
15   .addEventListener('click', function() {
16     const name = document.querySelector('#name').value;
17
18     // send to backend
19     const user = await fetch('/users?name=${name}');
20     const posts = await fetch('/posts?userId=${user.id}');
21     const comments = await fetch('/comments?post=${posts[0].id}');
22
23     //display comments on DOM
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Writers Jon Spaihts (screenplay by) · Denis Villeneuve (screenplay by) · Eric Roth (screenplay by)
Stars Timothée Chalamet · Rebecca Ferguson · Zendaya

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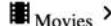


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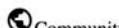
>

[Oscars](#)[Best Picture Winners](#)[Best Picture Winners](#)[Emmys](#)[Hispanic & Latino Voices](#)[STARmeter Awards](#)[San Diego Comic-Con](#)[New York Comic-Con](#)[Sundance Film Festival](#)[Toronto Int'l Film Festival](#)[Awards Central](#)[All Events](#)



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IMDbPro

For Industry Professionals



All ▾

Met of zonder javascript

IMDb All ▾ Mermaid

The Little Mermaid
2023
Halle Bailey, Jonah Hauer-King

BACK IN THEATRES

AVATAR

TAKE 5

IMDb Menu All ▾ Mermaid

Up next

'HELLRAISER'

'Hellraiser' Will Unlock Your Fears

1:50

| From your Watchlist >

...

HTML

- Tim Berners Lee ontwikkelde HTML 1991
HTML 1 – release 1993
- 1997
HTML 3
- 1999 - 2012
HTML 4.01 / XHTML
- 2014
HTML 5 wordt standaard
- 2017
HTML 5.2

World Wide Web

The WorldWideWeb (W3) is a wide-area [hypermedia](#) information retrieval initiative aiming to give universal access to a large universe of documents.

Everything there is online about W3 is linked directly or indirectly to this document, including an [executive summary](#) of the project, [Mailing lists](#) , [Policy](#) , November's [W3 news](#) , [Frequently Asked Questions](#) .

[What's out there?](#)

Pointers to the world's online information, [subjects](#) , [W3 servers](#) , etc.

[Help](#)

on the browser you are using

[Software Products](#)

A list of W3 project components and their current state. (e.g. [Line Mode](#) , [X11 Viola](#) , [NeXTStep](#) , [Servers](#) , [Tools](#) , [Mail robot](#) , [Library](#))

[Technical](#)

Details of protocols, formats, program internals etc

[Bibliography](#)

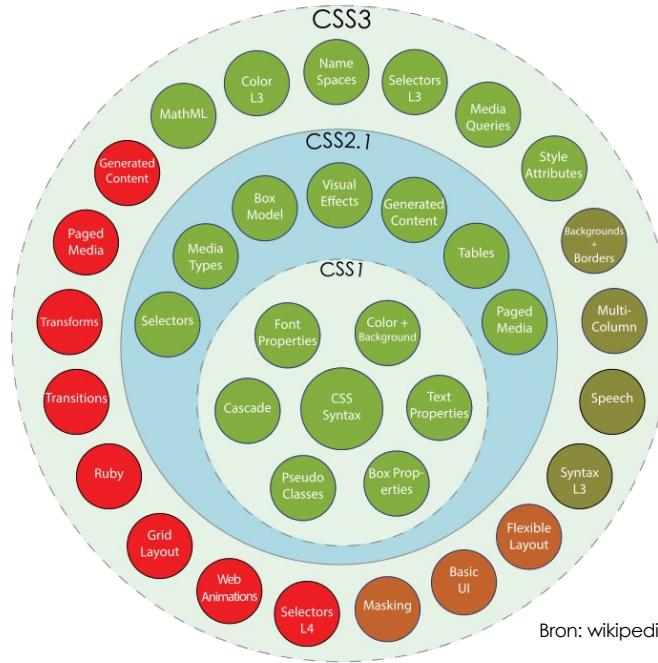
Paper documentation on W3 and references.

```
<BODY BGCOLOR="#FFFF00" BACKGROUND="http://www.kibo.com/webtv/evil_bkg_2.gif" TEXT="#FF0000" ALINK="#00FF00" VLINK="#FFFFFF" RLINK="#FF00FF" FONTSIZE="LARGE" HPSACE="36" VSPACE="36" LEFTMARGIN="36" TOPMARGIN="36" INSTRUCTIONS="#008800" BORDERCOLORDARK="#FFFFFF" BORDERCOLORLIGHT="#008800" BORDER="12" BORDERCOLOR="#666666" CELLSPACING="0" CELLPADDING="0" CELLBORDER="16" TRANSPARENCY="5%" WIDTH="2500">
<TR>
<TD>content here</TD>
<TD><B><FONT COLOR="#999999">Something bold and grey</FONT></B></TD>
</TR>
</TABLE>
```

CSS

- Geïntroduceerd in 1994
- Scheiding opmaak (html) – design (css)
- Browserimplementatie lange tijd problematisch
- CSS1 – CSS3
- (CSS4)
 - Modules level 1-4

WD	Working Draft
LC	Last Call
CR	Candidate Recommendation
PR	Proposed Recommendation
REC	Recommendation



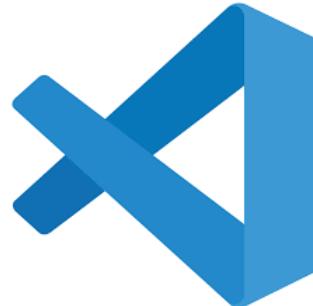
Bron: wikipedia



Tools

Visual Studio Code

- Ook gebruikt in andere vakken
- Win + Mac
- Gratis
- code.visualstudio.com



Google Chrome of Firefox

- Noodzakelijk als **development tool**:
 - Chrome, Edge & Firefox
- Als browser:
 - Microsoft Edge,
 - Chrome
 - Safari
 - Opera
 - ...



HTML



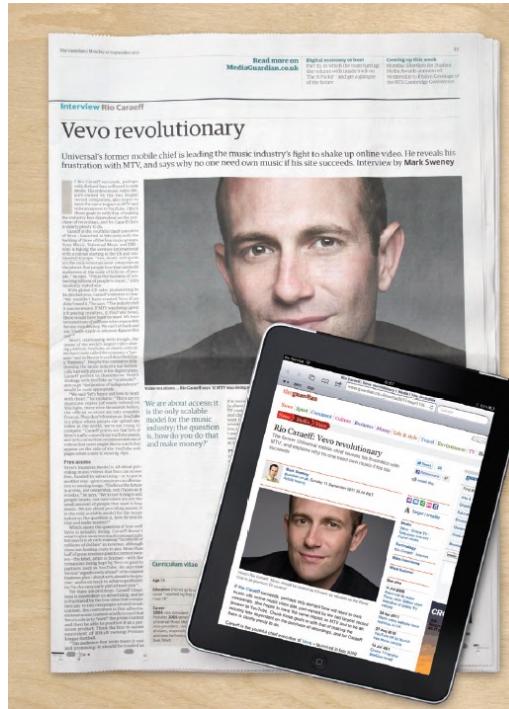
Html5
Eerste start

Waarom html leren?

- HTML-elementen zijn de bouwstenen van eender welke webpagina
- Toegankelijkheid, gebruikerservaring, page ranking, zoekmachine optimalisatie worden sterk beïnvloed door de html-code
- programmeren voor het web in eendere welke taal vereist zeer goede HTML-kennis
- HTML is gemakkelijk

HTML: Structuur

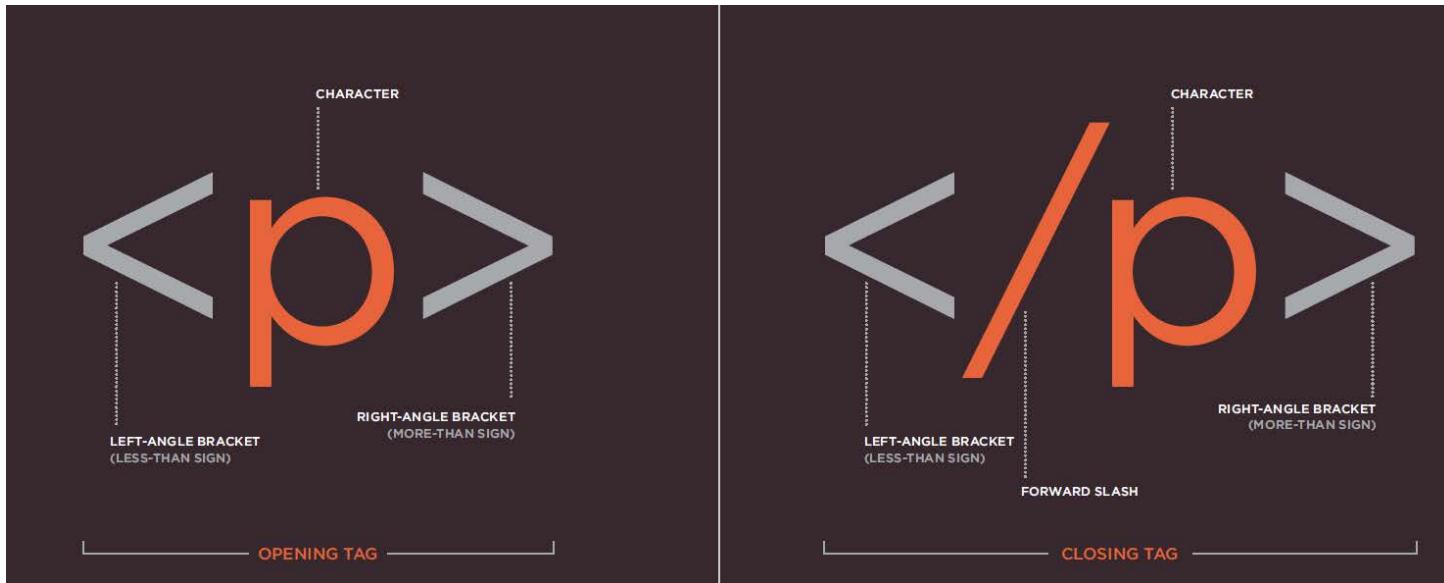
- Html zorgt voor structuur
- Elementen beschrijven de verschillende delen: titels, paragrafen, ...
- **Niet** bedoeld voor design



HTML: PAGE STRUCTURE

```
<html>
  <body>
    <h1>This is the Main Heading</h1>
    <p>This text might be an introduction to
       the rest of the page.</p>
    <h2>This is a Sub-Heading</h2>
    <p>Many long articles have sub-headings
       to help you follow the structure.</p>
    <h2>Another Sub-Heading</h2>
    <p>Here you can see another.</p>
  </body>
</html>
```

HTML elementen

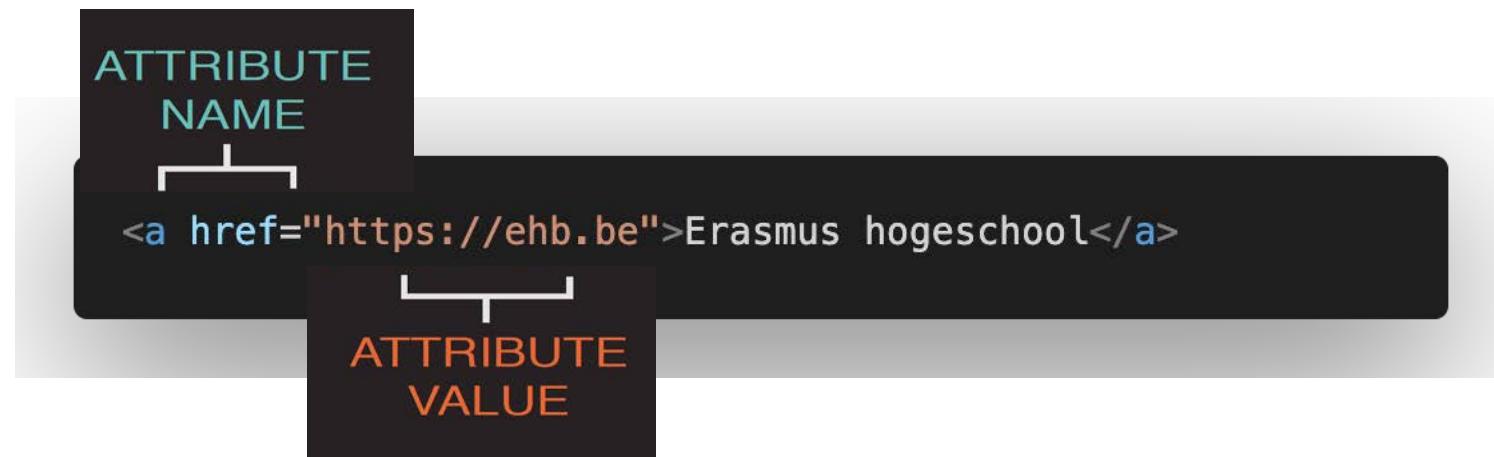


HTML elementen

- De eigenlijke tekst en tags vormen samen elementen
- Container elementen zoals **<p>Tekst hier</p>**
 - Hebben betrekking op wat er tussen staat
 - Hebben een begin- en een eindtag
 - Eindtags hebben een slash (/) voor de tagnaam en hebben geen attributen
- Lege elementen zoals **
**
 - vaak gebruikt voor het inbedden van externe elementen
 - Hebben geen eindtag
 -
 kan ook geschreven worden als
 of
 maar sinds HTML5 is dat verouderd

HTML attributen

- Attributen bevatten extra info over de elementen



Basiselementen

- Html
 - Root element
- Head
 - Meta info over de pagina
- Title
 - Titel voor de pagina
- Body
 - Eigenlijke inhoud

Basis HTML template

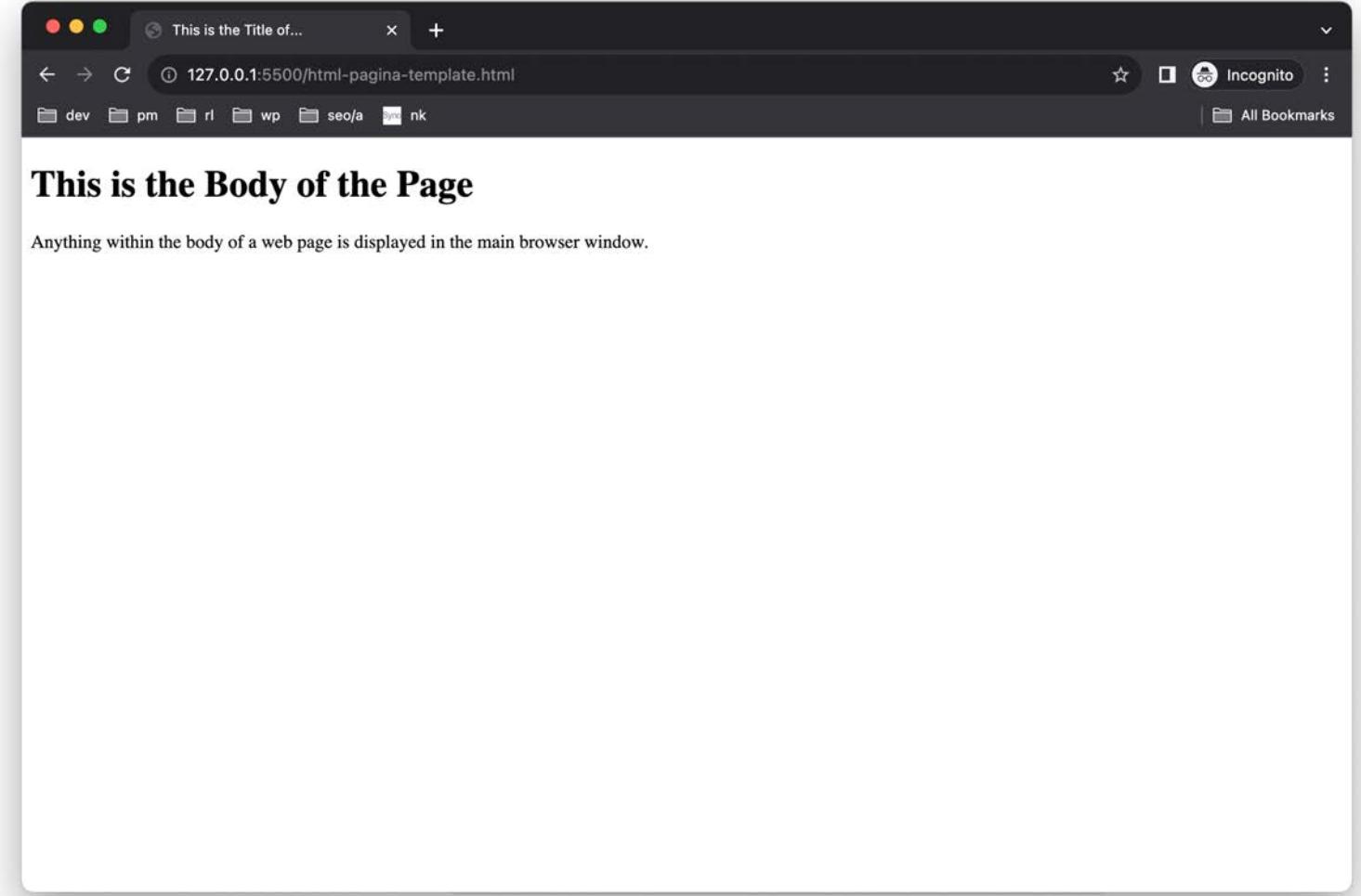
- head
 - meta charset
 - title
- body
 - eigenlijke inhoud
 - zichtbaar in de *viewport*

```
<!DOCTYPE html>
<html lang="nl">
<head>
  <meta charset="UTF-8">
  <title></title>
</head>
<body>

</body>
</html>
```

HEAD & BODY

```
<!DOCTYPE html>
<html>
  <head>
    <title>This is the Title of...</title>
  </head>
  <body>
    <h1>This is the Body of the Page</h1>
    <p>Anything within the body of a web
      page is displayed in the main
      browser window.</p>
  </body>
</html>
```



doctype

- Belangrijk om ALTIJD een doctype toe te voegen!
 - **Vroeger:** Xhtml (oh boy!)

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.01//EN"  
"http://www.w3.org/TR/html4/strict.dtd">
```

- **Nu:** html5

```
<!doctype html>
```

character encoding

```
<meta charset="utf-8">
```

- Noodzakelijk element in de head

HTML Commentaar

HTML

```
<!-- start of introduction -->
<h1>Current Exhibition</h1>
<h2>Olafur Eliasson</h2>
<!-- end of introduction -->

<!--
    <p>Info about the exhibition.</p>
-->
```

- om je code te documenteren
- om tijdens development met je code te experimenteren

HEADINGS

HTML

```
<h1>This is a Main Heading</h1>
<h2>This is a level 2 heading</h2>
<h3>This is a level 3 heading</h3>
<h4>This is a level 4 heading</h4>
<h5>This is a level 5 heading</h5>
<h6>This is a level 6 heading</h6>
```

This is a Main Heading

This is a Level 2 Heading

This is a Level 3 Heading

This is a Level 4 Heading

This is a Level 5 Heading

This is a Level 6 Heading

PARAGRAPHS

HTML

`<p>`A paragraph consists of one or more sentences that form a self-contained unit of discourse. The start of a paragraph is indicated by a new line.`</p>`

`<p>`Text is easier to understand when it is split up into units of text. For example, a book may have chapters. Chapters can have subheadings. Under each heading will be one or more paragraphs.`</p>`

A paragraph consists of one or more sentences that form a self-contained unit of discourse. The start of a paragraph is indicated by a new line.

Text is easier to understand when it is split up into units of text. For example, a book may have chapters. Chapters can have subheadings. Under each heading there will be one or more paragraphs.

WHITESPACE IS COLLAPSED

```
<p>The      moon is  
          drifting      away      from the  
          earth.</p>
```

The moon is drifting away from Earth.

LINE BREAKS

```
<p>The Earth<br>gets one hundred tons  
heavier every day<br>due to falling  
space dust.</p>
```

The Earth
gets one hundred tons heavier every day
due to falling space dust.

Bestandsnamen

- .html of .htm kan allebei
- Unix/Linux-server: hoofdlettergevoelig
- Geen spaties of vreemde tekens in bestandsnamen
- Homepage/startpagina: meestal een specifieke naam
 - index.html
 - default.htm
 - ...

Verwijzen naar css & javascript

```
<link rel="stylesheet" href="style.css">  
<script src="main.js"></script>
```



HTML
Tekst – Lijsten - Hyperlinks

HTML Basis

Tekst – Lijsten - Hyperlinks

BOLD & ITALIC

```
<p>This is how we make a word appear  
<b>bold</b>.</p>
```

```
<p>This is how we make a word appear  
<i>italic</i>.</p>
```

This is how we make a word appear **bold**.

This is how we make a word appear *italic*.

SUPERSCRIPT & SUBSCRIPT

<p>On the 4th September you will learn about E=MC².</p>

<p>The amount of CO₂ in the atmosphere grew by 2ppm in 2009₁.</p>

On the 4th of September you will learn about E=MC².

The amount of CO₂ in the atmosphere grew by 2ppm in 2009₁.

SEMANTIC MARKUP

WHAT IS IT?

Set of elements, for example:

The `` tag adds emphasis

`<blockquote>` contains a quote

WHY USE IT?

Provides extra information about your content

Do NOT use it to alter presentation of those elements

APPLICATION

Screen readers can add emphasis to words in ``

Search engines can find quotations in `<blockquote>`

STRONG & EMPHASIS

```
<p><strong>Beware</strong> pickpockets  
operate in this area.</p>
```

```
<p>I <em>think</em> Ivy was the first.</p>
```

```
<p>I think <em>Ivy</em> was the first.</p>
```

```
<p>I think Ivy was the <em>first</em>.</p>
```

Beware: Pickpockets operate in this area.

I *think* Ivy was the first.

I think *Ivy* was the first.

I think *Ivy* was the *first*.

QUOTATIONS

```
<blockquote cite="http://en.wikipedia.org/wiki/  
Winnie-the-Pooh">  
    <p>Did you ever stop to think, and forget to start again?</p>  
</blockquote>  
  
<p>As A.A. Milne said, <q>  
Some people talk to animals. Not many listen though.  
    That's the problem.</q></p>
```

Did you ever stop to think, and forget
to start again?

As A.A. Milne said, "Some people talk to animals.
Not many listen though. That's the problem."

ABBREVIATIONS & ACRONYMS

```
<p><abbr title="Professor">Prof</abbr>  
Stephen Hawking is a theoretical  
physicist and cosmologist.</p>
```

```
<p><abbr title="National Aeronautics  
and Space Administration">NASA</abbr>  
do some crazy space stuff.</p>
```

Prof Stephen Hawking is a theoretical physicist and cosmologist.

NASA do some crazy space stuff.

National Aeronautics and Space
Administration

CITATIONS & DEFINITIONS

<p><cite>A Brief History of Time</cite> by Stephen Hawking has sold over ten million copies worldwide.</p>

<p>A <dfn>black hole</dfn> is a region of space from which nothing, note even light, can escape.</p>

A Brief History of Time by Stephen Hawking has sold over ten million copies worldwide.

A black hole is a region of space from which nothing, not even light, can escape.

CHANGES TO CONTENT

```
<p>It was the <del>worst</del>  
<ins>best</ins> idea she had ever  
had.</p>
```

```
<p>Laptop computer:</p>  
<p><s>Was $995</s></p>  
<p>Now only $375</p>
```

It was the ~~worst~~ best idea she had ever had.

Laptop computer:

~~Was \$995~~

Now only \$375

THREE LIST TYPES

1

ORDERED

1. Chop potatoes into quarters
2. Simmer in salted water
3. Heat milk and butter
4. Drain potatoes and mash
5. Mix in the milk mixture

2

UNORDERED

- 1kg King Edward potatoes
- 100ml milk
- 50g salted butter
- Freshly grated nutmeg
- Salt and pepper to taste

3

DEFINITION

- Sashimi
Sliced raw fish
- Scale
A device used to accurately measure weight

ORDERED LISTS (numbered)

```
<ol>
  <li>Chop potatoes into quarters</li>
  <li>Simmer in salted water for 15-20
      minutes until tender</li>
  <li>Heat milk, butter and nutmeg</li>
  <li>Drain potatoes and mash</li>
  <li>Mix in the milk texture</li>
</ol>
```

1. Chop potatoes into quarters
2. Simmer in salted water for 15-20 minutes until tender
3. Heat milk, butter and nutmeg
4. Drain potatoes and mash
5. Mix in the milk mixture

UNORDERED LISTS (bullets)

```
<ul>
  <li>1kg King Edward potatoes</li>
  <li>100ml milk</li>
  <li>50g salted butter</li>
  <li>Freshly grated nutmeg</li>
  <li>Salt and pepper to taste</li>
</ul>
```

- 1kg King Edward potatoes
- 100ml milk
- 50g salted butter
- Freshly grated nutmeg
- Salt and pepper to taste

DEFINITION LIST

```
<dl>
  <dt>Sashimi</dt>
  <dd>Sliced raw fish served
      with condiments.</dd>
  <dt>Scale</dt>
  <dd>Device used to measure the weight
      of ingredients.</dd>
  <dd>A technique by which the scales are
      removed from the skin of fish.</dd>
</dl>
```

Sashimi

Sliced raw fish that is served with condiments such as shredded daikon radish or ginger root, wasabi and soy sauce

Scale

A device used to accurately measure the weight of ingredients

A technique by which the scales are removed from the skin of a fish

NESTED LIST

```
<ul>
  <li>Mousses</li>
  <li>Pastries
    <ul>
      <li>Croissant</li>
      <li>Milles-feille</li>
      <li>Palmier</li>
      <li>Profiteroles</li>
    </ul>
  </li>
  <li>Tarts</li>
</ul>
```

- Mousses
- Pastries
 - Croissant
 - Mille-feuille
 - Palmier
 - Profiterole
- Tarts

HORIZONTAL RULES

<p>Venus is the only planet that rotates clockwise</p>

<hr />

<p>Jupiter is bigger than all the other planets combined.</p>

Venus is the only planet that rotates clockwise.

Jupiter is bigger than all the other planets combined.

HTML CHARACTER ENTITIES

```
<p>The &lt;html&gt; tag</p>
<p>The &#60;html&#62; tag</p>
```

The <html> tag

The <html> tag

LINKS

IMDB

LINKS SYNTAX

THE PAGE THE **LINK**
TAKES YOU TO

```
<a href="http://www.imdb.com">IMDB</a>
```

THE **TEXT** THE USER
CLICKS ON

LINKS NAAR ANDERE SITES

```
<a href="http://www.empireonline.com">  
Empire</a>
```

Empire

LINKS OPENEN IN NIEUW VENSTER / TAB

A NEW WINDOW

```
<a href="http://www.imdb.com"  
target="_blank">IMDB</a> (opens in a  
new window)
```

LINKS BINNEN DE WEBSITE

Home

- Home
- About
- Movies
- Contact

About

Movies

Contact

DIRECTORY STRUCTURE

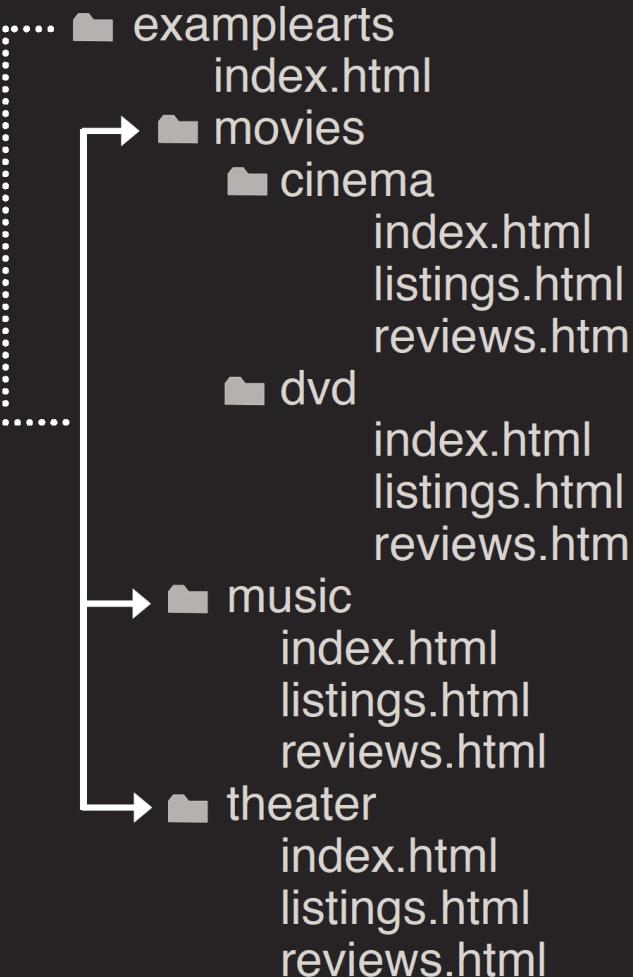
ROOT FOLDER

```
graph TD; Root[ROOT FOLDER] --> examplearts[examplearts]; examplearts --- index1[index.html]; examplearts --- movies[movies]; examplearts --- cinema(cinema); cinema --- index2[index.html]; cinema --- listings2[listings.html]; cinema --- reviews2[reviews.html]; examplearts --- dvd[dvd]; dvd --- index3[index.html]; dvd --- listings3[listings.html]; dvd --- reviews3[reviews.html]; examplearts --- music[music]; music --- index4[index.html]; music --- listings4[listings.html]; music --- reviews4[reviews.html]; examplearts --- theater[theater]; theater --- index5[index.html]; theater --- listings5[listings.html]; theater --- reviews5[reviews.html]
```

- examplearts
 - index.html
 - movies
 - cinema
 - index.html
 - listings.html
 - reviews.html
 - dvd
 - index.html
 - listings.html
 - reviews.html
 - music
 - index.html
 - listings.html
 - reviews.html
 - theater
 - index.html
 - listings.html
 - reviews.html

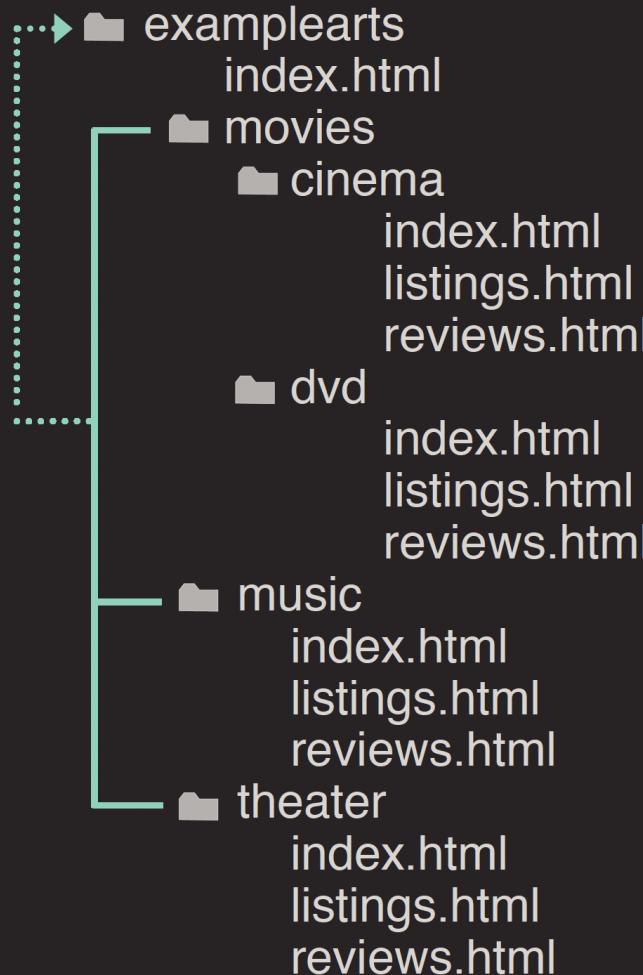
DIRECTORY STRUCTURE

CHILD



DIRECTORY STRUCTURE

CHILD
PARENT

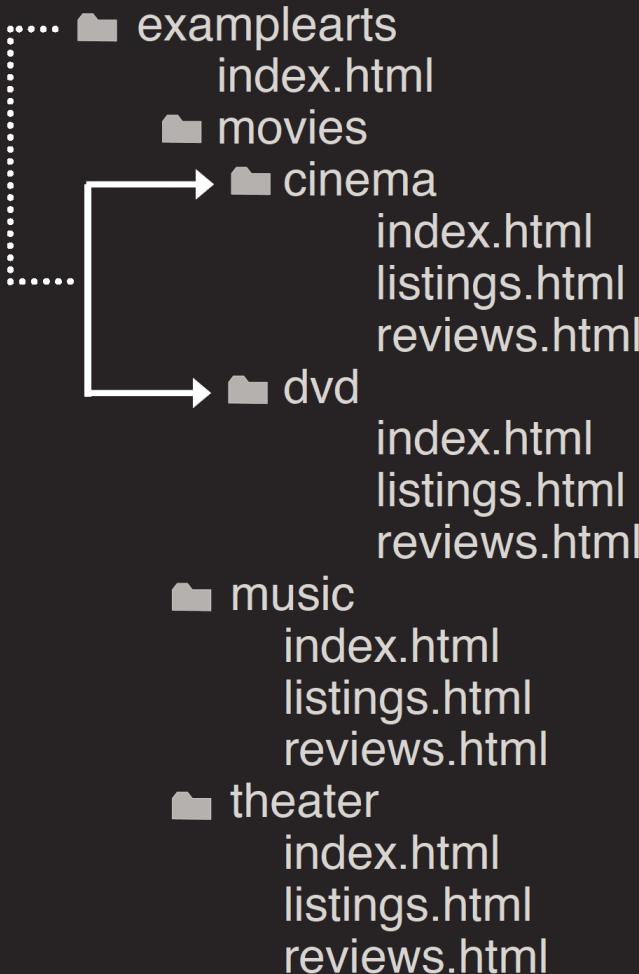


DIRECTORY STRUCTURE

CHILD

PARENT

GRANDCHILD



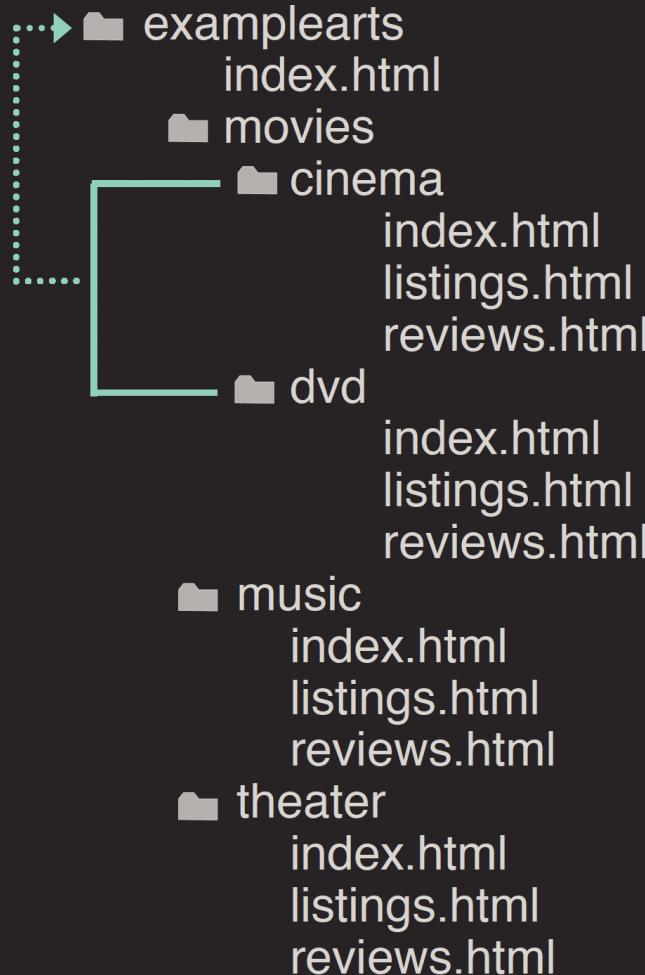
DIRECTORY STRUCTURE

CHILD

PARENT

GRANDCHILD

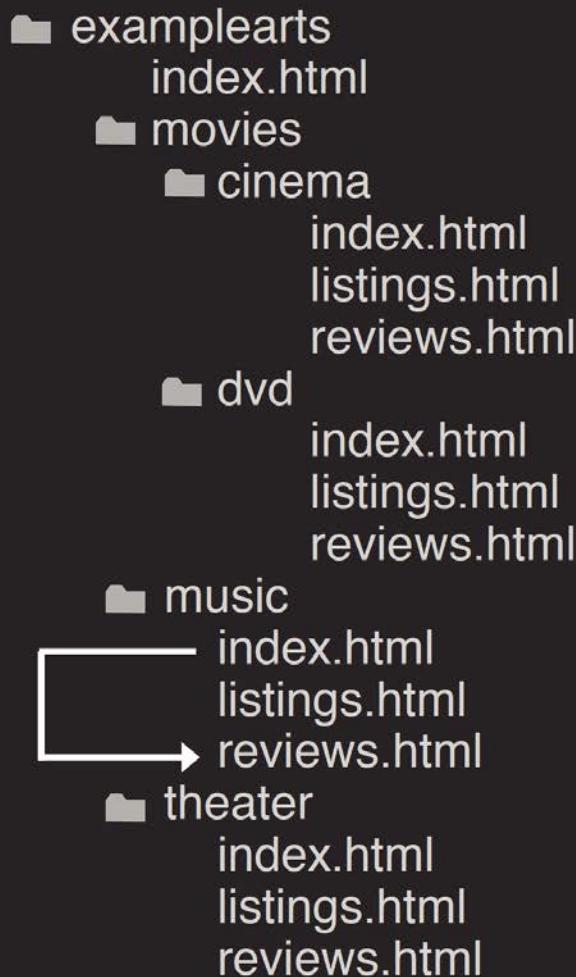
GRANDPARENT



RELATIVE URLs

SAME

reviews.html



RELATIVE URLs

SAME

reviews.html

CHILD

music/index.html



RELATIVE URLs

SAME

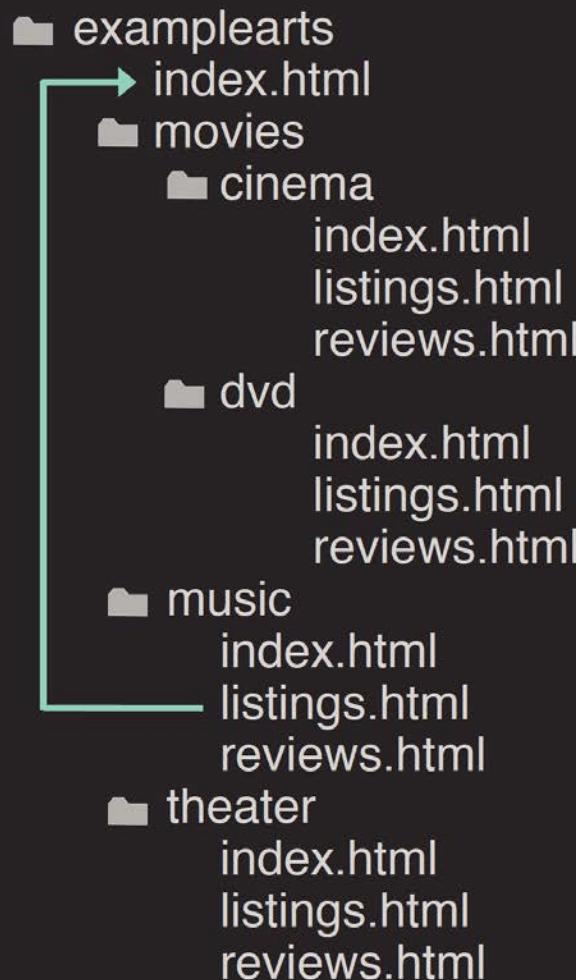
reviews.html

CHILD

music/index.html

PARENT

./index.html



RELATIVE URLs

SAME

reviews.html

CHILD

music/index.html

PARENT

./index.html

GRANDCHILD

movies/dvd/index.html



RELATIVE URLs

SAME

reviews.html

CHILD

music/index.html

PARENT

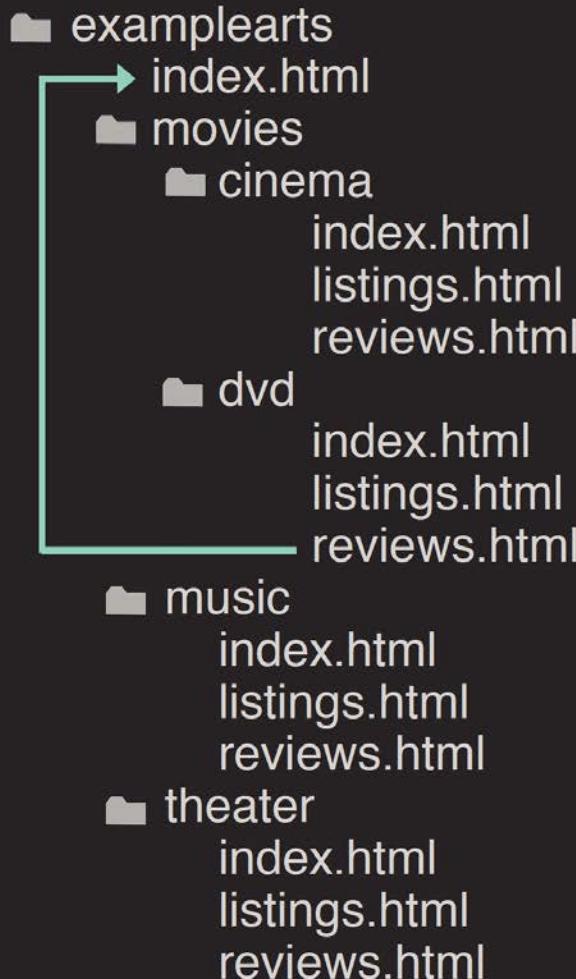
../index.html

GRANDCHILD

movies/dvd/index.html

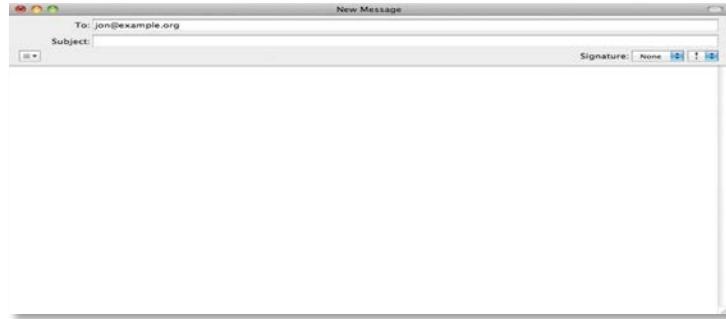
GRANDPARENT

.../../index.html



EMAIL & TELEFOON LINKS

[Email Tom](mailto:tom@example.com)



[Bel Tom](tel:+32-123-456)

LINK NAAR SPECIFIEKE PLAATS OP DE PAGINA

```
<h1 id="top">  
    Film-Making Terms</h2>  
  
<a href="#arc-shot">  
    Arc shot</a><br />  
<a href="#interlude">  
    Interlude</a><br />  
<a href="#prologue">  
    Prologue</a><br />  
  
<h2 id="prologue">  
    Prologue</h2>  
  
<a href="#top">Top</a>
```

Film-Making Terms

[Arc Shot](#arc-shot)
[Interlude](#interlude)
[Prologue](#prologue)

Arc Shot

A shot in which the subject is photographed by an encircling or moving camera

Interlude

A brief, intervening film scene or sequence, not specifically tied to the plot, that appears within a film

Prologue

LINK NAAR SPECIFIEKE PLAATS OP DE PAGINA

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    Interlude</a><br />  
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    Prologue</a><br />  
  
<h2 id="prologue">  
    Prologue</h2>  
  
<a href="#top">Top</a>
```

Film-Making Terms

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[Prologue](#prologue)

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<a href="#prologue">  
    Prologue</a><br />  
  
<h2 id="prologue">  
    Prologue</h2>  
  
<a href="#top">Top</a>
```

Film-Making Terms

[Arc Shot](#arc-shot)
[Interlude](#interlude)
[Prologue](#prologue)

Arc Shot

A shot in which the subject is photographed by an encircling or moving camera

Interlude

A brief, intervening film scene or sequence, not specifically tied to the plot, that appears within a film

Prologue

A speech, preface, introduction, or brief scene preceding the main action or plot of a film; contrast to epilogue

[Top](#)