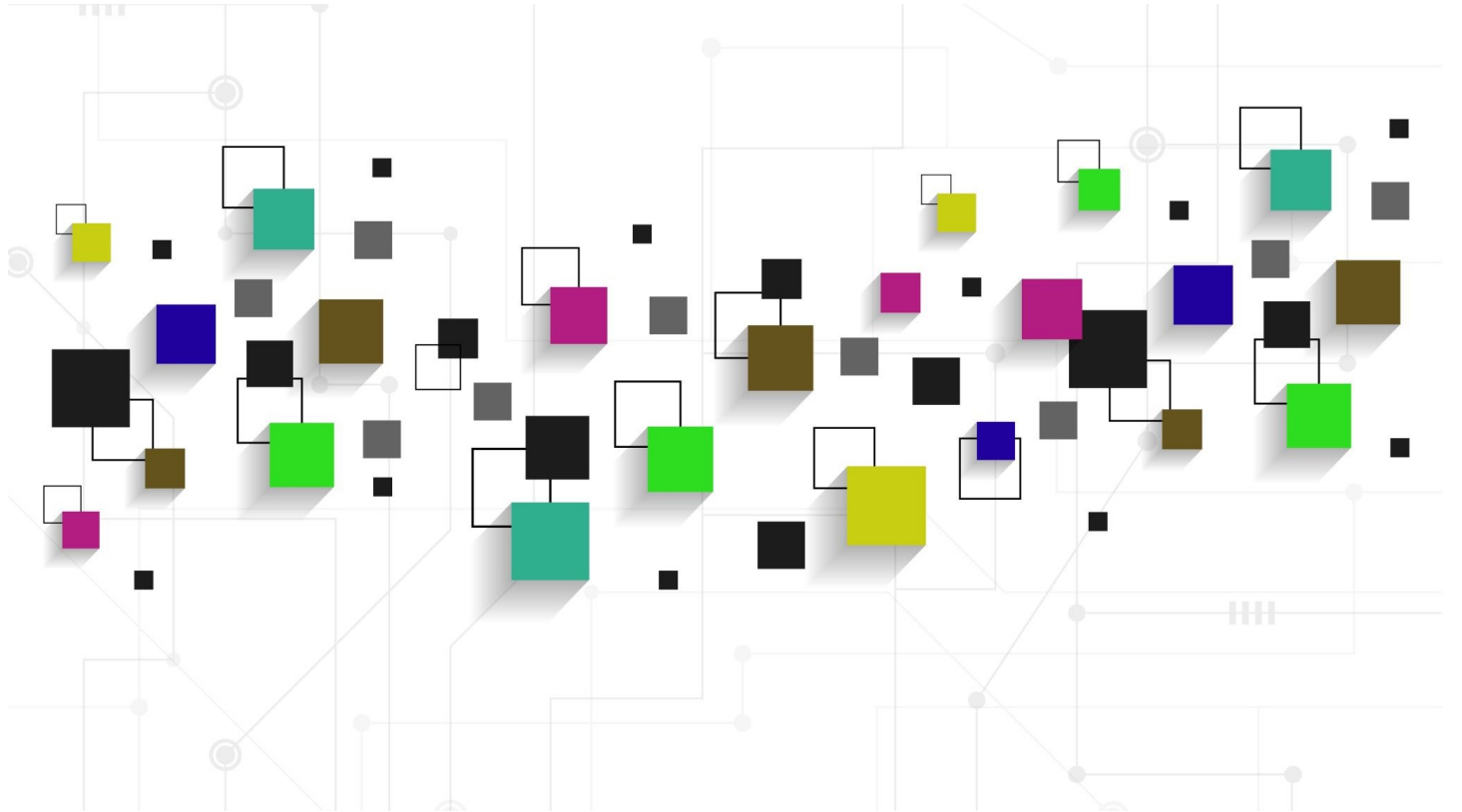
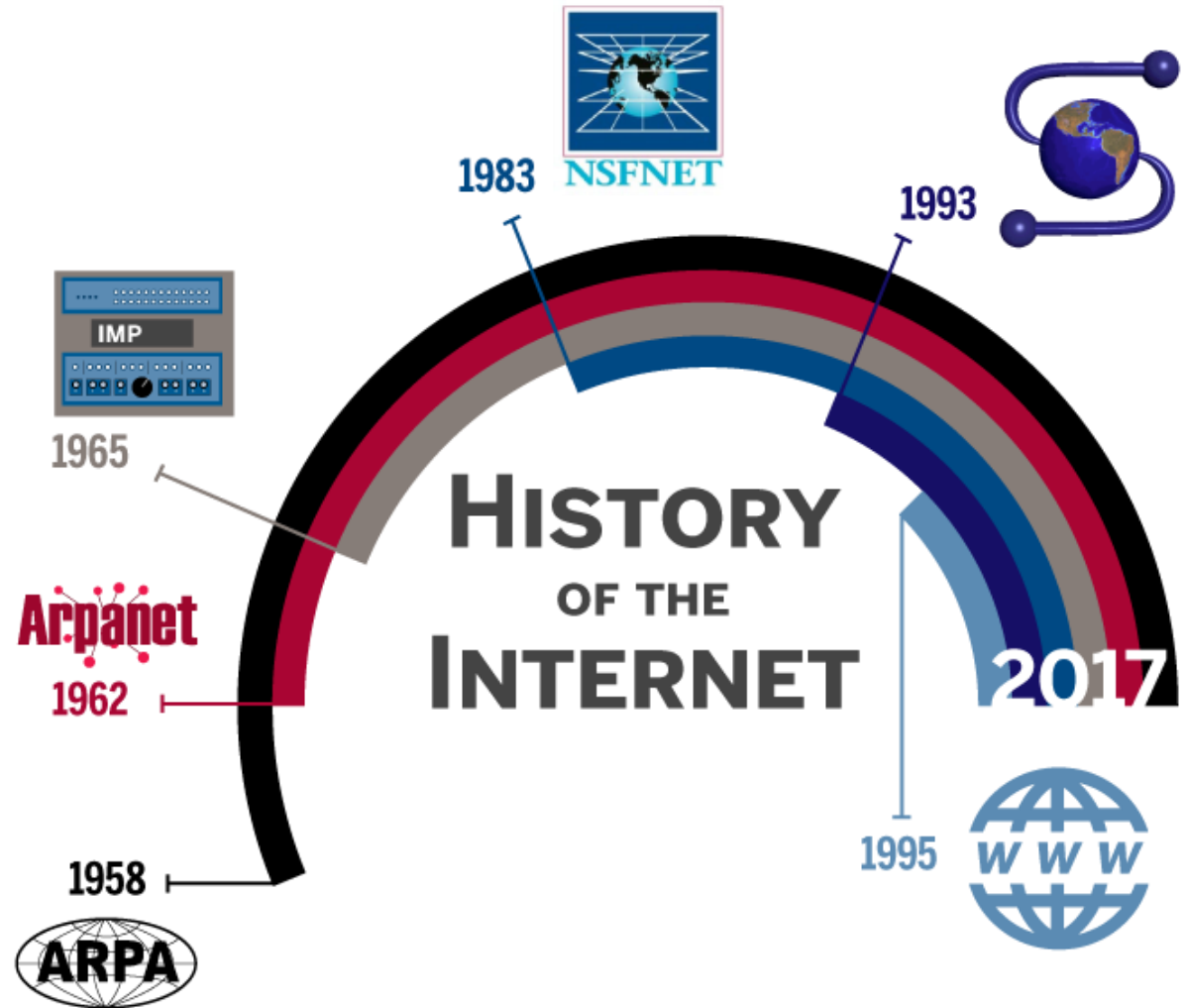


History of the internet and Web Development



How it started

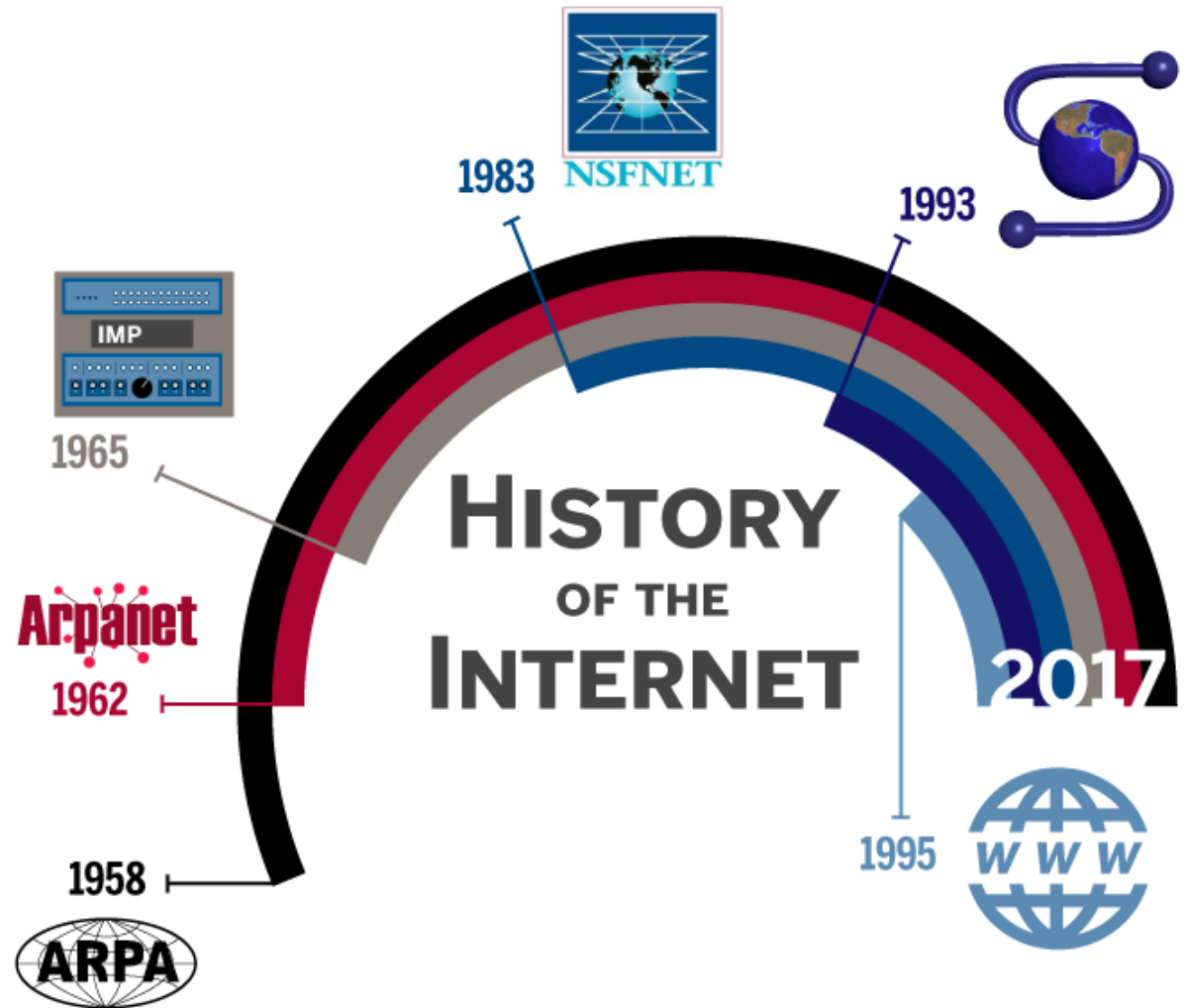
- 1957-8: Concern about the Soviet Union during the Cold War led to a strong interest from the US Government to develop a communications network that could survive a nuclear attack – this network is known as ARPANET (Advanced Research Projects Agency Network)
- 1962: Access to ARPANET was limited to certain academic institutions and research institutions with Department of Defense agreements



Sources: <https://www.webfx.com/blog/web-design/the-history-of-the-internet-in-a-nutshell/>,
https://www.usg.edu/galileo/skills/unit07/internet07_06.phtml,
<https://sciencenode.org/feature/a-brief-history-of-the-internet-.php>

And then...

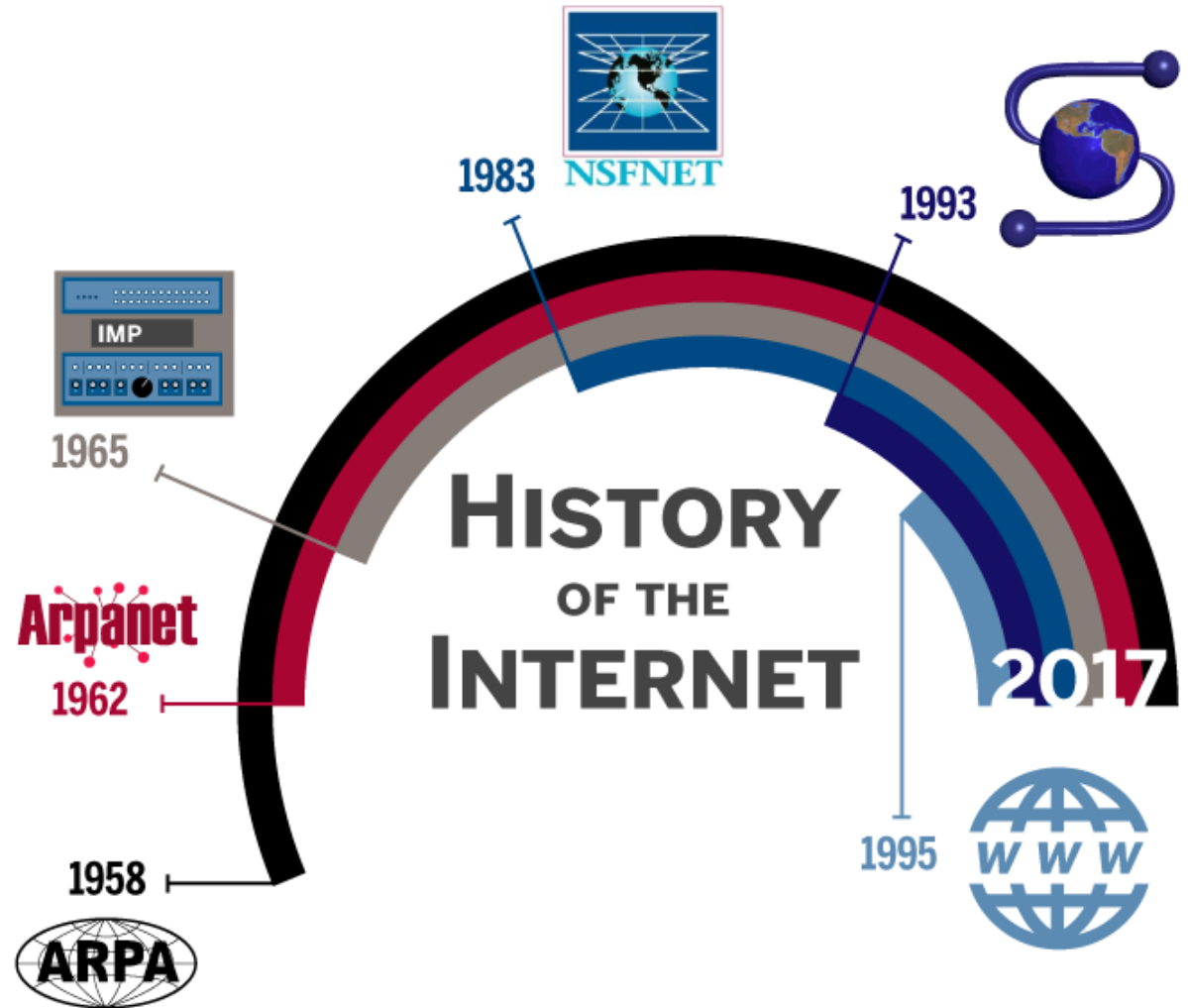
- 1965: Internet messaging protocol introduced –
- 1983: Prior to Jan 1, 1983 (official birthday of the internet), there was no standard way for computers to communicate with each other. At this time, the transfer control protocol/internet protocol (TCP/IP) was introduced and allowed computers to connect to and 'talk' to each other using a universal language.



Sources: <https://www.webfx.com/blog/web-design/the-history-of-the-internet-in-a-nutshell/>,
https://www.usg.edu/galileo/skills/unit07/internet07_06.phtml,
<https://sciencenode.org/feature/a-brief-history-of-the-internet-.php>

Email

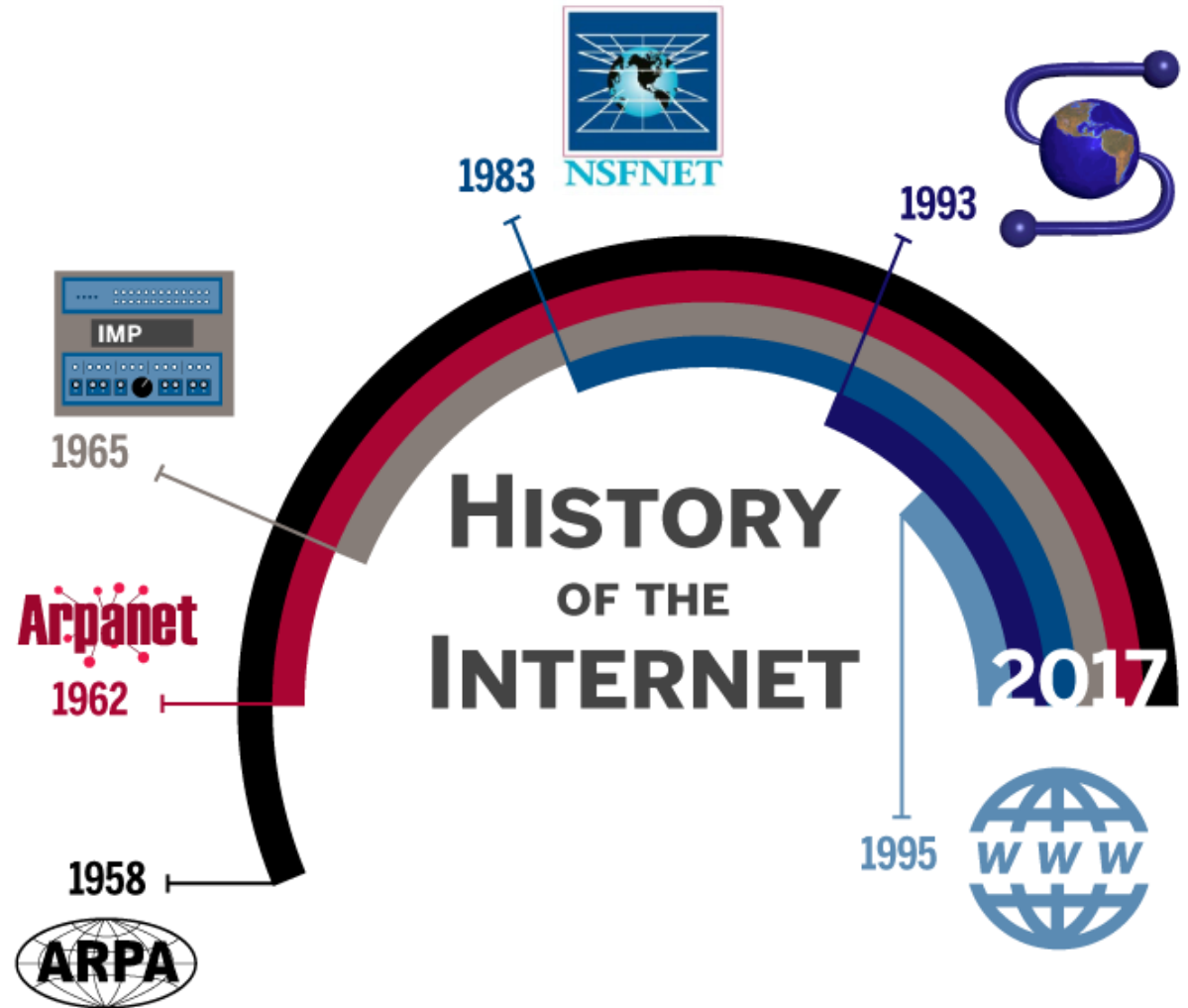
- 1971: email introduced by computer programmer Ray Tomlinson. He is also the person responsible for introducing the standard of separating the username from the computer name: user@gmail.com, for example.



Sources: <https://www.webfx.com/blog/web-design/the-history-of-the-internet-in-a-nutshell/>,
https://www.usg.edu/galileo/skills/unit07/internet07_06.phtml,
<https://sciencenode.org/feature/a-brief-history-of-the-internet-.php>

Web introduced to the masses

- 1993: Modern web as we know it is introduced to the public with the introduction of Mosaic, the first internet browser with a graphical user interface – while not the first browser, it was the first one to make browsing the web easy for nontechnical users.
- 1998: Google launched
- 2004-7: 2004: Facebook, 2005: YouTube, 2006: Twitter, 2007: Hulu and iPhones



Sources: <https://www.webfx.com/blog/web-design/the-history-of-the-internet-in-a-nutshell/>,
https://www.usg.edu/galileo/skills/unit07/internet07_06.phtml,
<https://sciencenode.org/feature/a-brief-history-of-the-internet-.php>

First Website Launched

- 1991: Tim Berners-Lee with the CERN Swiss Research Center launched the first website using HTML and hyperlinked content. We will create content similar to this to kick off our project today!

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.

[People](#)

A list of some people involved in the project.

[History](#)

A summary of the history of the project.

[How can I help ?](#)

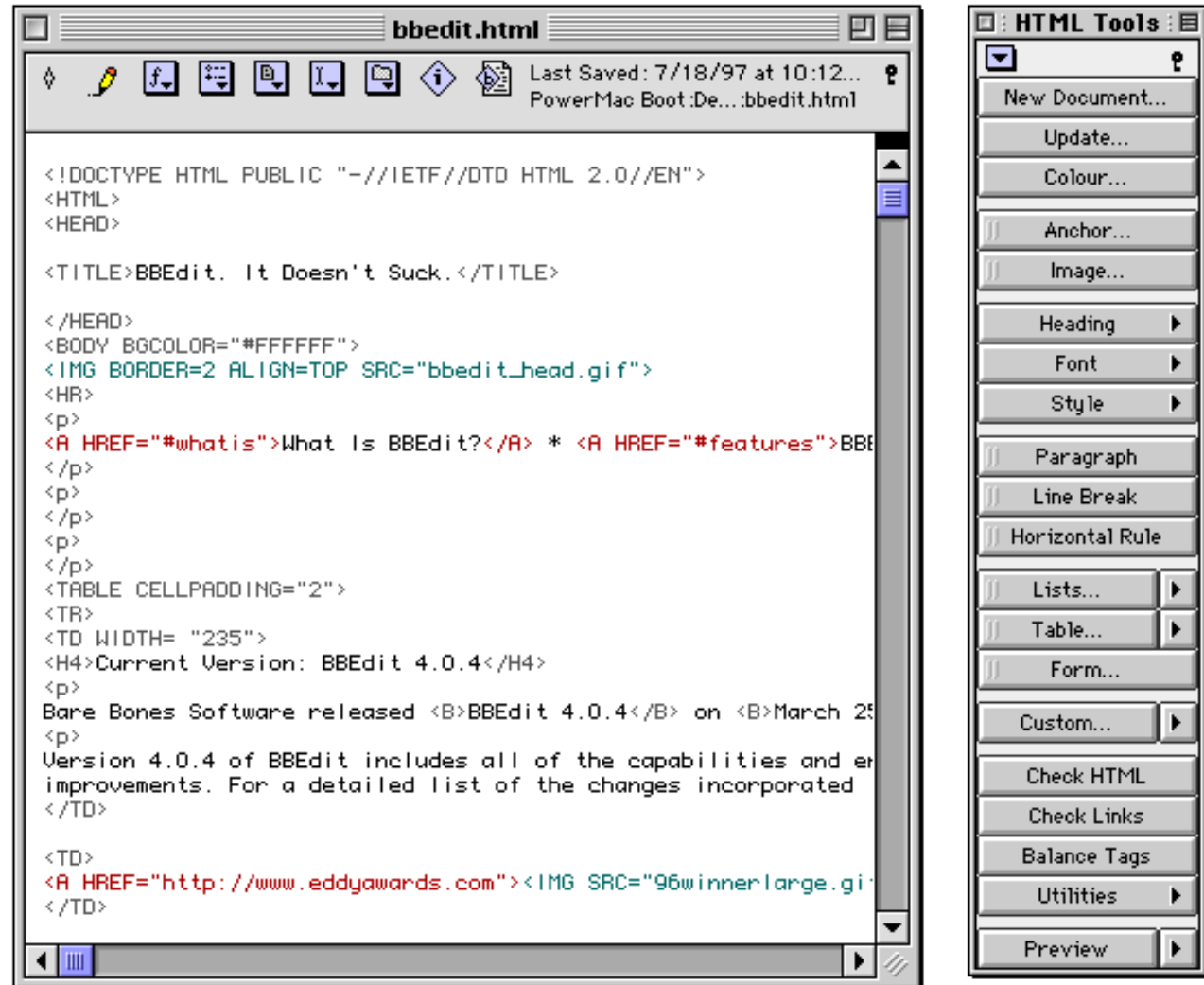
If you would like to support the web..

[Getting code](#)

Getting the code by [anonymous FTP](#) , etc.

First Free Website Editor Launched

- 1993: The first free BBEdit HTML and text editor was launched for the Macintosh platform.



Web Standards Introduced (W3C)

- 1994: World Wide Web Consortium launched by Tim Berners-Lee. The goal of this organization is the development of standards for the web



Leading the Web to its Full Potential...

The World Wide Web Consortium Issues HTML 4.0 as a W3C Recommendation

"Insisting on HTML 4.0 compliance now will preserve your free choice of suppliers of Web software, tools and applications well into the future."

-- Tim Berners-Lee, W3C Director and inventor of the World Wide Web

· [W3C Issues XML1.0 as a Proposed Recommendation](#)

· Register for the [7th International World Wide Web Conference \[WWW7\]](#) April 14-18, 1998

About W3C

who we are, why we're here, and how to become a Member

About the Web

history and general information about the Web

Press Information

contacts, news releases, W3C in the press

People of the W3C

about us - on a personal note

How to Contact Us

we're global -- North America, Europe and Asia

News & Announcements

keep up with the latest events at the Consortium

Member Area

for W3C Members only

Technical Areas

the "big picture" of what we do

Technical Reports & Publications

current Recommendations, Working Drafts, Notes and Submissions

Sample Code

W3C Reference Library, testbed and experimental software

User Interface

[HTML](#)

[Style Sheets](#)

[Document Object Model](#)

[Math](#)

[Graphics](#)

[Internationalization](#)

[Fonts](#)

[Amaya](#)

Technology and Society

[Digital Signature Initiative](#)

[Metadata](#)

[PICS](#)

[Privacy \[P3P\]](#)

[Interest Groups](#)

Architecture

[HTTP](#)

[HTTP-NG](#)

[Synchronized Multimedia](#)

[XML](#)

[Jigsaw](#)

Web Accessibility Initiative

W3C Services

[HTML Validation Service](#)

[Mailing Lists](#)

Historical

Moved

Amazon Books Launched

1995: Amazon Books launched (now Amazon.com with Kindle, Alexa and Amazon Web Services).



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.

JavaScript Introduced

- 1995: JavaScript introduced to allow for the creation of interactive websites. [This simple example](#) demonstrates the use of JavaScript. With a few short commands, the buttons on the page are used to switch between two images giving the effect of a light bulb switching on and off.



Turn on the light

Turn off the light



Turn on the light

Turn off the light

Cascading Stylesheets Introduced

- 1996: Cascading Stylesheets (css) introduced. Allowed web developers to introduce various styles including text and image formats to websites.

Welcome to My Homepage

Use the menu to select different Stylesheets

- [Stylesheet 1](#)
- [Stylesheet 2](#)
- [Stylesheet 3](#)
- [Stylesheet 4](#)
- [No Stylesheet](#)

Same Page Different Stylesheets

This is a demonstration of how different stylesheets can change the layout of your HTML page. You can change the layout of this page by selecting different stylesheets in the menu, or by selecting one of the following links:

[Stylesheet1](#), [Stylesheet2](#), [Stylesheet3](#), [Stylesheet4](#).

Welcome to My Homepage

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No Stylesheet

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