

HTML links, images, and tables

SENG 4640
Software Engineering for Web Apps
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Lynx (web browser)

From Wikipedia, the free encyclopedia

Jump to: navigation, search

CAPTION: Lynx

Wikipedia Main Page displayed in Lynx Wikipedia Main Page displayed in Lynx

Maintainer: Thomas Dickey

Stable release: 2.8.5 (February 4, 2004) [[+/-]]

Preview release: 2.8.6 (?) [[+/-]]

OS: Cross-platform

Use: web browser

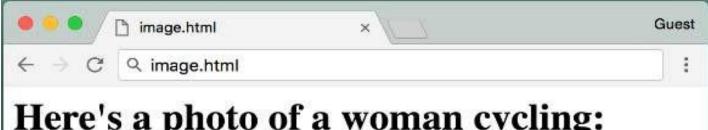
License: GPL

Website: lynx.isc.org

Lynx is a text-only Web browser and Internet Gopher client for use on cursor-addressable, character cell terminals.

Browsing in Lynx consists of highlighting the chosen link using cursor keys, or having all links on a page numbered and entering the chosen link's number. Current versions support SSL and many HTML features. Tables are linearized (scrunched together one cell after another without tabular structure), while frames are identified by name and can be explored as if they were separate pages.

Lynx is a product of the Distributed Computing Group within Academic Computing Services of the University of Kansas, and was initially developed in 1992 by a team of students at the university (Lou Montulli, Michael Grobe and Charles Rezac) as a hypertext browser used solely to distribute campus information as part of a Campus-Wide Information Server. In 1993 Montulli added an Internet interface and released a new version (2.0) of the browser [1] [2] [3].



Here's a photo of a woman cycling:



- • tag includes an image in the HTML page
- Required attributes:
 - src specifies the link to the image to be included.
 Can be a relative or absolute path
 - alt text to include as image description in case image does not load, or additional information is needed
- Other attributes:
 - height, width specified in pixels (e.g. 50px)
 - title tooltip text displayed when mouse hovers over image

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 Absolute Path: URL that can be accessed if provided to browser on its own

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 Relative Path: path to a file included within local file system, relative to the HTML page

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 Relative Path: path to a file included within local file system, relative to the HTML page

html
index.html

woman-cycling.jpg photos
woman-cycling.jpg

```
<img src="path/to/image">
```

 Absolute Path: URL that can be accessed if provided to browser on its own

```
<img src="http://example.com/fitness/photos/woman-cycling.jpg"
alt="Woman cycling to improve fitness">
```

 Relative Path: path to a file included within local file system, relative to the HTML page

```
▼html
index.html
woman-cycling.jpg
▼ photos
woman-cycling.jpg
```

```
<img src="woman-cycling.jpg"
alt="Woman cycling to improve fitness">
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 Absolute Path: URL that can be accessed if provided to browser on its own

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▼html
index.html
woman-cycling.jpg
▼ photos
woman-cycling.jpg
```

```
<img src="woman-cycling.jpg"
alt="Woman cycling to improve fitness">
```

```
<img src="photos/woman-cycling.jpg"
alt="Woman cycling to improve fitness">
```

Links in HTML: <a>

- <a> tag used to include a link to another page/resource on Web
- Associated attributes
 - href (Required) specifies the location to which to navigate if link is clicked
 - target specifies where the link should be opened when clicked
- Similar to images, value of href attribute can either be a relative or absolute link
- Text of element will be displayed as clickable link

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```
<h3 id="health"> Healthy Eating </h3>
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<h3 id="health"> Healthy Eating </h3>
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- 2. Create a link to serve as bookmark
 - From within same page:

```
<a href="#health"> Jump to Healthy Eating Section </a>
```

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<h3 id="health"> Healthy Eating </h3>
```

- 2. Create a link to serve as bookmark
 - From within same page:

```
<a href="#health"> Jump to Healthy Eating Section </a>
```

2. From a different page:

```
<a href="index.html#health"> Jump to Healthy Eating Section </a>
```

```
>
   First Name 
   Last Name 
   Email Address
>
   John 
   Doe 
  jodoe@ex.com 
>
   Jane 
   Doe 
   jadoe@ex.com
```

First Name	Last Name	Email Address
John	Doe	jodoe@ex.com
Jane	Doe	jadoe@ex.com

```
>
   First Name 
   Last Name 
   Email Address
>
   John 
   Doe 
   jodoe@ex.com 
>
   Jane 
   Doe 
  jadoe@ex.com
```

 tag is used to define and contain a table

First Name	Last Name	Email Address
John	Doe	jodoe@ex.com
Jane	Doe	jadoe@ex.com

```
ktable border=1>
 First Name 
   Last Name 
   Email Address
 John 
   Doe 
   jodoe@ex.com 
 Jane 
   Doe 
   jadoe@ex.com
```

- tag is used to define and contain a table
- tag defines a table row

First Name	Last Name	Email Address
John	Doe	jodoe@ex.com
Jane	Doe	jadoe@ex.com

```
ktable border=1>
 >
    First Name 
    Last Name 
    Email Address
 >
    John 
    Doe 
    jodoe@ex.com 
 >
    Jane 
    Doe 
    jadoe@ex.com
```

- tag is used to define and contain a table
- tag defines a table row
- tag defines table header (first row, titles)

First Name	Last Name	Email Address
John	Doe	jodoe@ex.com
Jane	Doe	jadoe@ex.com

```
ktable border=1>
>
    First Name 
    Last Name 
    Email Address
>
    John 
    Doe 
   jodoe@ex.com 
>
    Jane 
    Doe 
   jadoe@ex.com
```

- tag is used to define and contain a table
- tag defines a table row
- tag defines table header (first row, titles)
- tag defines table cell ("table data")

First Name	Last Name	Email Address
John	Doe	jodoe@ex.com
Jane	Doe	jadoe@ex.com

Property	Description	Sample values
border	Draws a border around table, row, or cell; default is no border	1px solid black

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border	Draws a border around table, row, or cell; default is no border	1px solid black
padding	Space between cell content and its borders	15px
text-align	Horizontal text alignment	center, left, right
border-spacing	Space between cells	2px

Merging Cells

 Use rowspan attribute to span multiple rows (merge vertically)

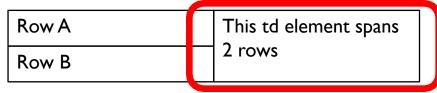
Content

Row A	This td element spans
Row B	2 rows

Merging Cells

 Use rowspan attribute to span multiple rows (merge vertically)

Content



Merging Cells

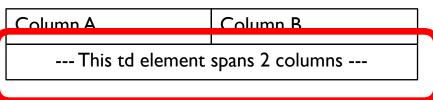
 Use rowspan attribute to span multiple rows (merge vertically)

Content

Row A	This td element spans
Row B	2 rows

 Use colspan attribute to span multiple columns (merge horizontally)

Content



Summary

We can embed images in HTML files using the
 tag and specifying the images' relative
 or absolute paths

 We can embed links to other HTML files using the <a> tag

 We can organize content into tables using the tag