

Adding links

Web development I: Front-end engineering

Introduction

Hyperlinks are integral to the Web: *cross-referencing*

Inspired by Vannevar Bush's [Memex](#) concept

Backlinks determine reputation (good for SEO)

Notation: ` ... `

Two types of URL

Absolute

Starts with a protocol (e.g. `http://`) or `/`

Can point to external or internal URLs

Relative

Starts with a pathname. Examples:

`a/b.html`, `./c.php`, `../d.asp`

Only can point to internal URLs

Link attributes

href

Destination URL (required)

target

Context: where to display the URL

title

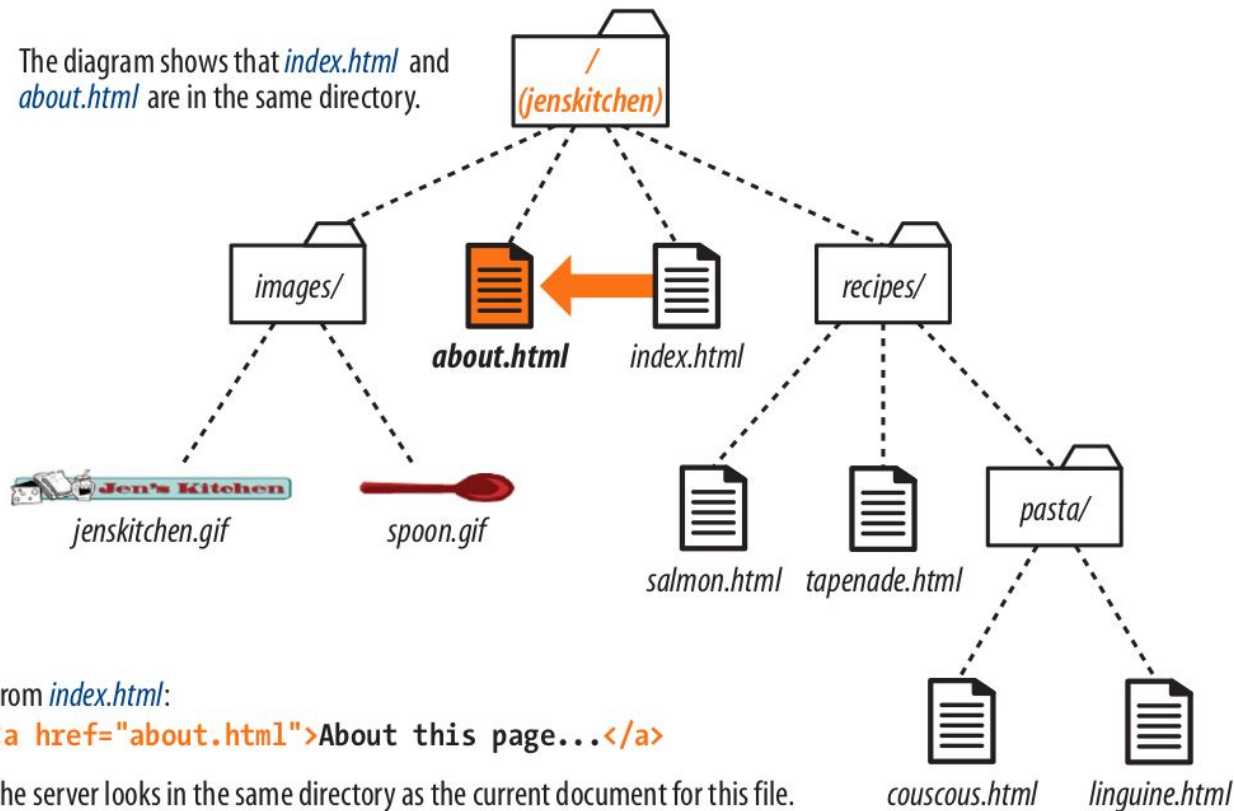
Description of the URL

rel

Relationship with the URL

Example

The diagram shows that *index.html* and *about.html* are in the same directory.

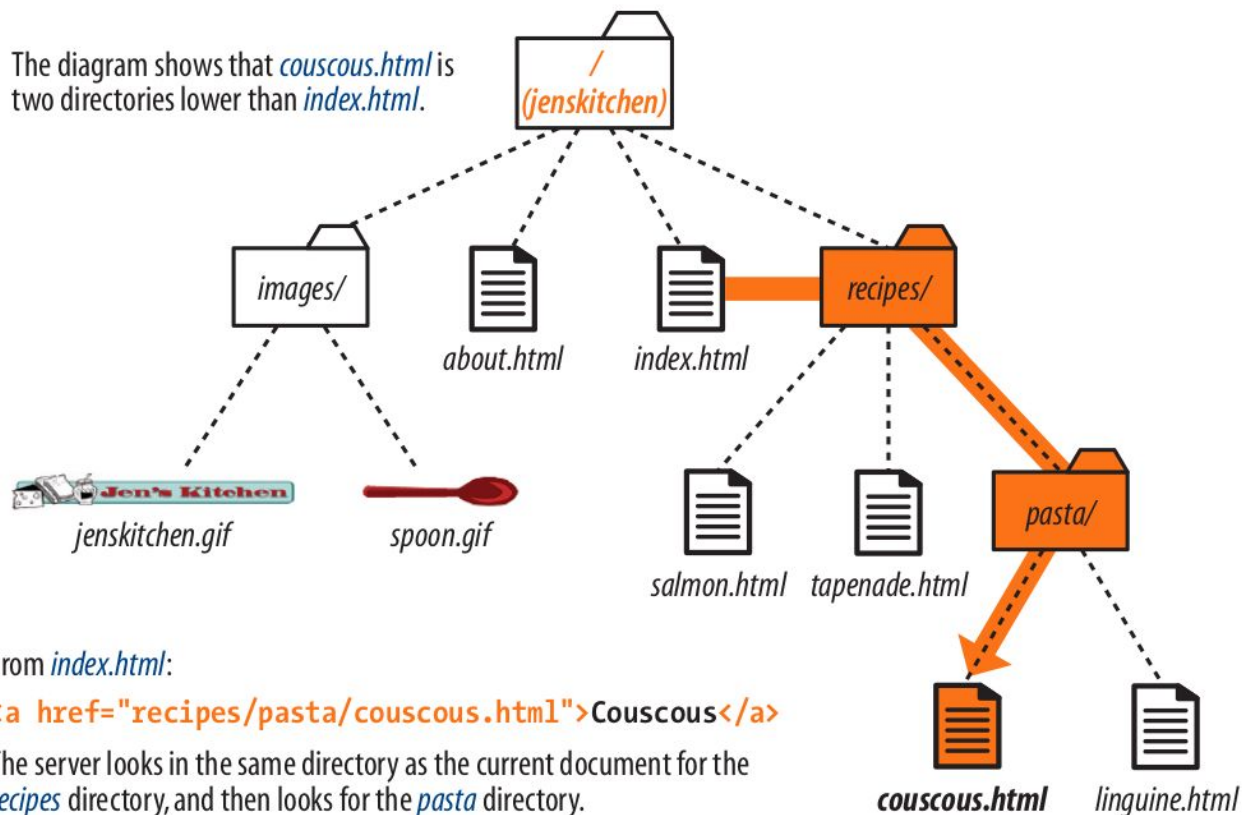


From *index.html*:

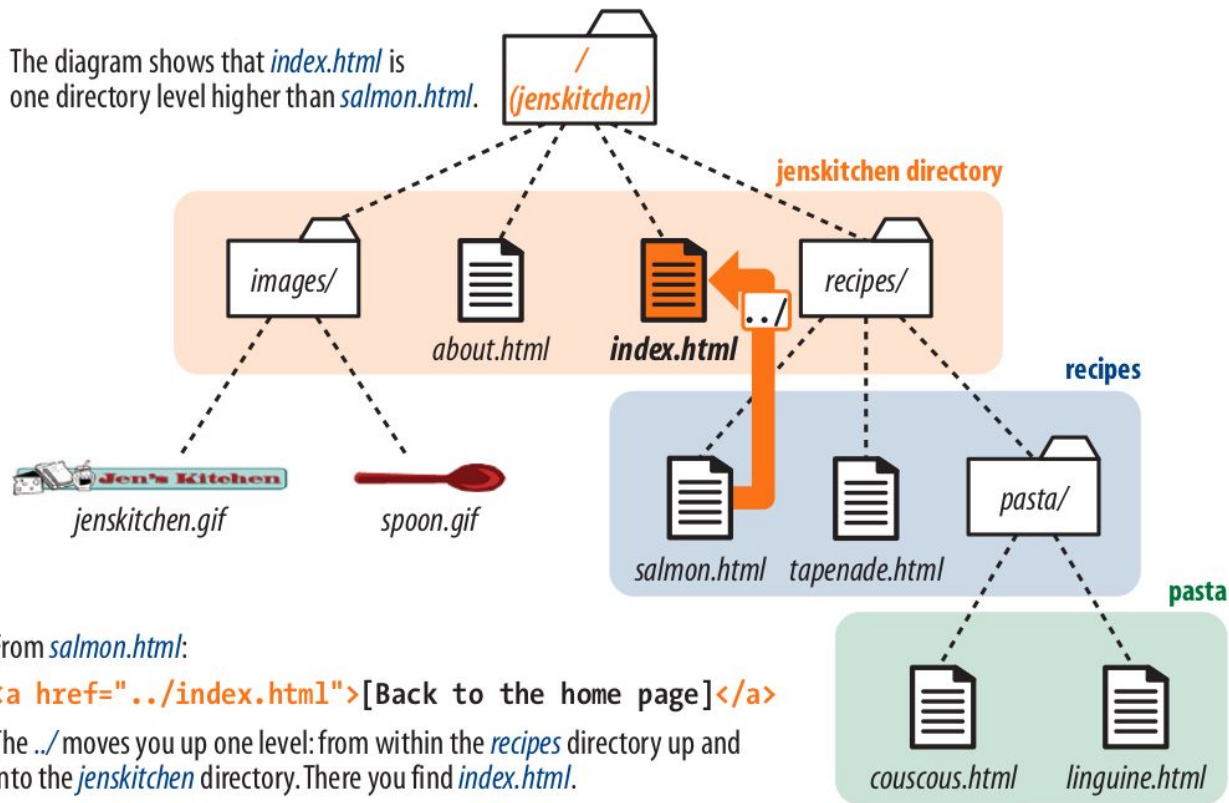
`About this page...`

The server looks in the same directory as the current document for this file.

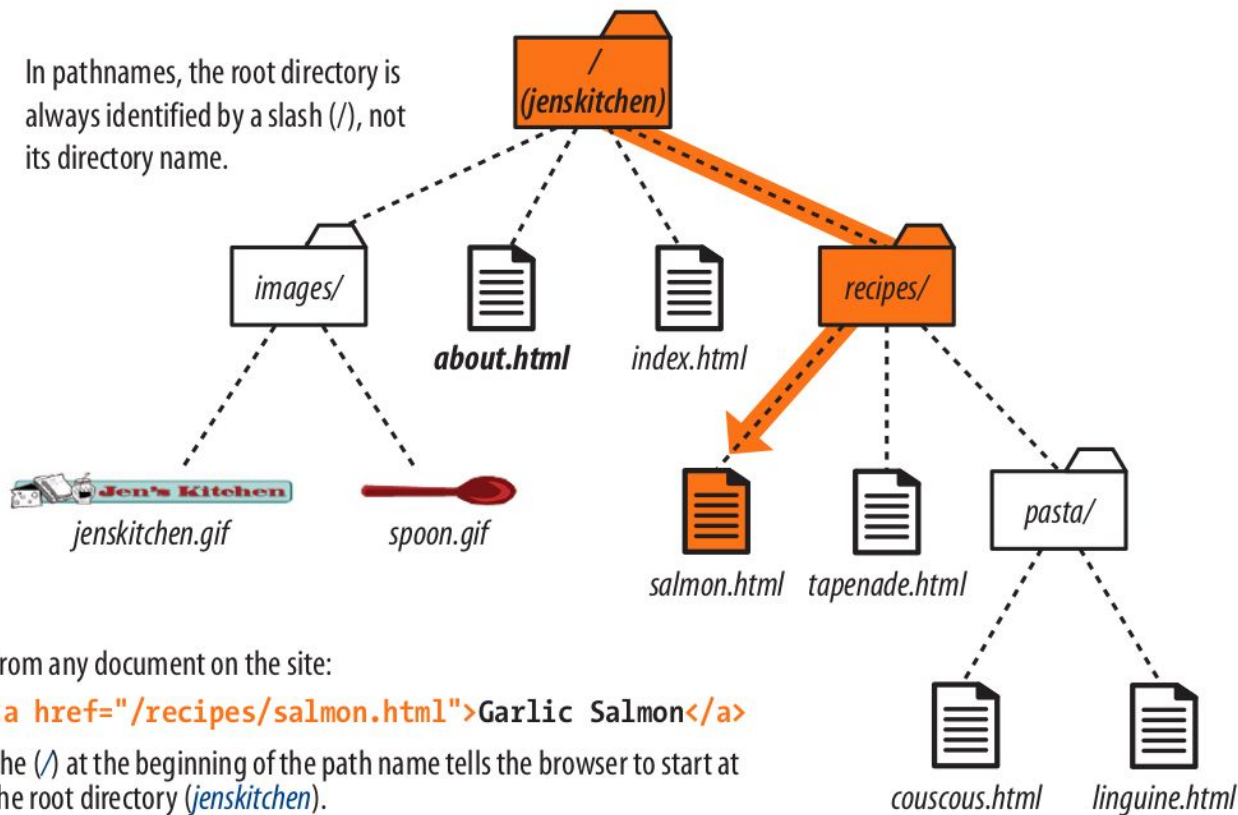
Example



Example



Example



Special link types

`mailto:me@abc.com`

Send email

`tel:+52...`

Call telephone number

`fax:+52...`

Send fax (deprecated)

Custom schema are possible

Examples: `skype:username`, `tg://...`

URL fragments

Notation: [/some/path/name +] # + someId

Example: To the top

They point to specific **in-page** content

They force a page scroll

They are never sent in HTTP requests

New text fragment proposal: <https://web.dev/text-fragments/>