

# 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: `<a href="..."> ... </a>`

# 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

Only can point to internal URLs

# Link attributes

href

Destination URL (required)

target

Context: where to display the URL

title

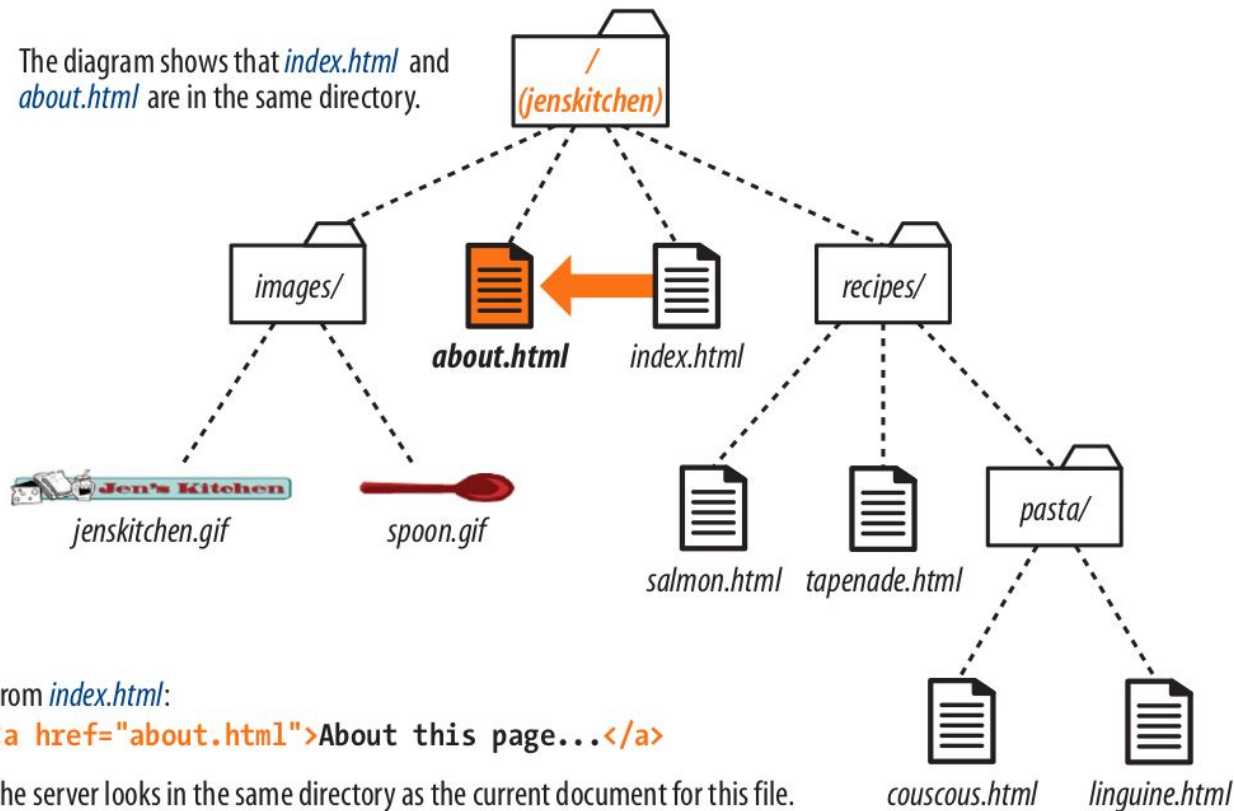
Description of the URL

rel

Relationship with the URL

# Example

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

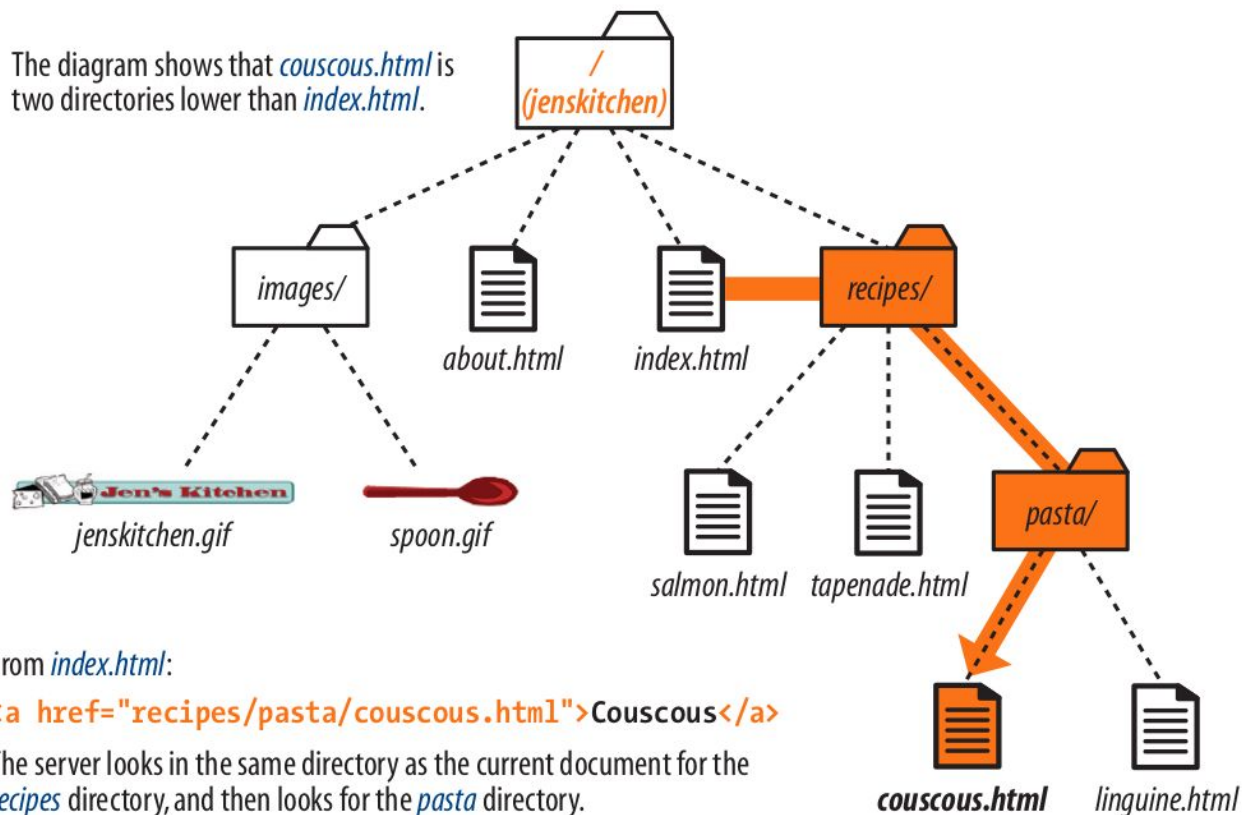


From *index.html*:

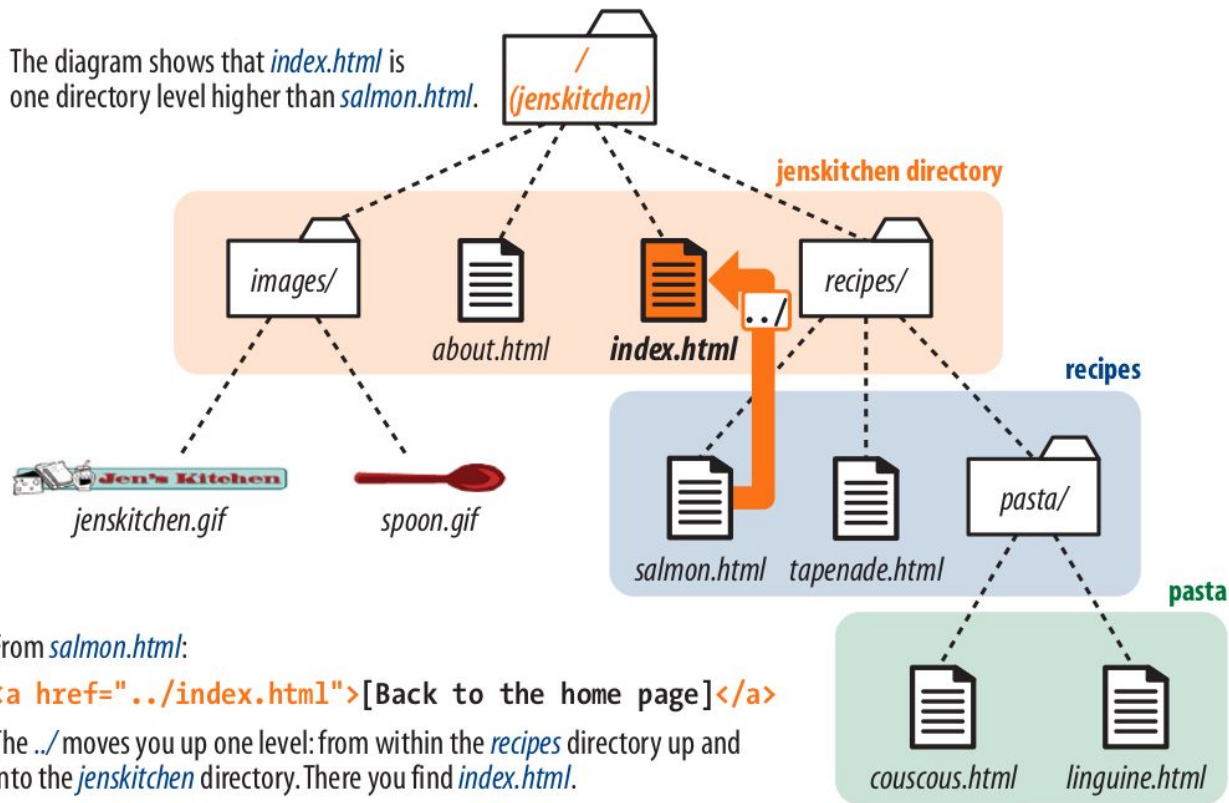
`<a href="about.html">About this page...</a>`

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

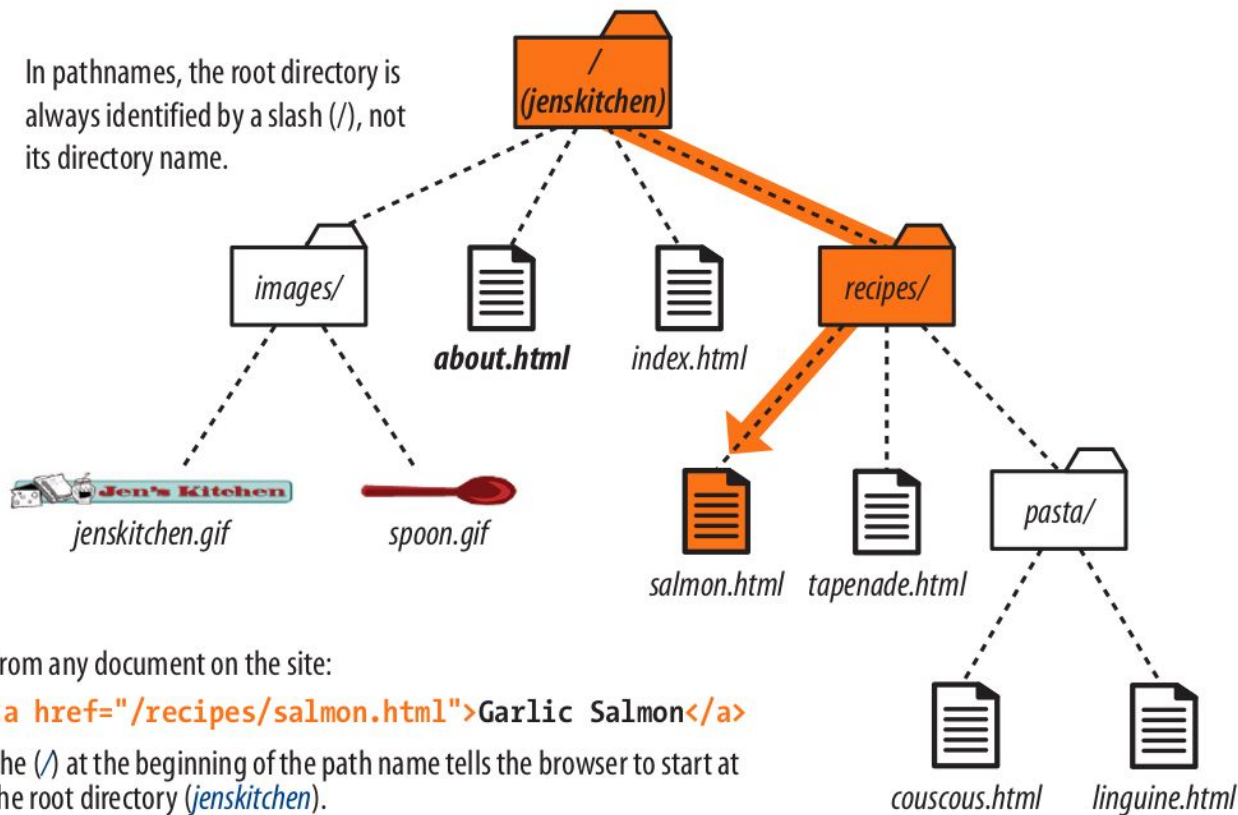
# Example



# Example



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# 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: `<a href="#top">To the top</a>`

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/>