

Introduction to Web Design and Development

Session 2: Git and Intermediate Basics

URLs

URLs

- Another syntax/format

scheme://domain:port/path?query_string#fragment_id

scheme://domain:port/path?query_string#fragment_id

ftp://

file://

http://

https://

scheme://**domain**:port/path?query_string#fragment_id

google.com
uxdiogenes.com

scheme://domain:port/path?query_string#fragment_id

implied
“fuggeaboutit” (for now)

scheme://domain:port/**path**?query_string#fragment_id

/login

/blog/cool-post

/yourFolder/subfolder/yourFile

scheme://domain:port/path?query_string#fragment_id

?id=something
?page=2&secretCode=secret

scheme://domain:port/path?query_string#fragment_id

#id-in-your-html
#anchor-location

Google

<http://google.com>

Mac Home Folder

<file:///Users/dbrito/Desktop/image.png>

Mac Home Folder

<file:///Users/dbrito/Desktop/image.png>

scheme://domain:port/**path**?query_string#fragment_id

In The Path

<file:///Users/dbrito/Desktop/image.png>

A slash at the beginning is the 'root'.

Relative To The Root

``

Relative To The Root

``

Google.com => <http://google.com/images/someFile.png>

Google.com/test => <http://google.com/images/someFile.png>

Google.com/1/2 => <http://google.com/images/someFile.png>

Relative Path

``

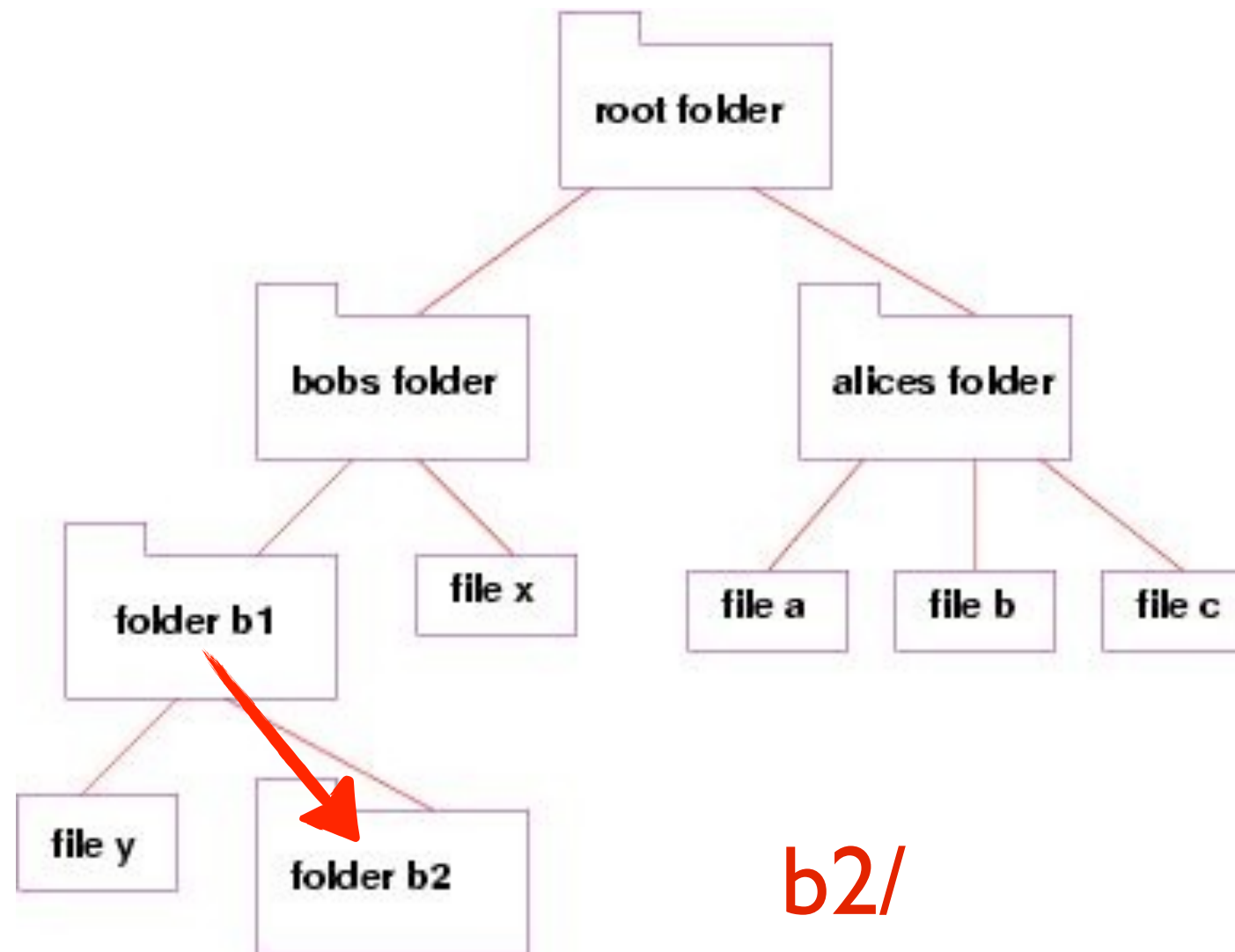
Relative Path

Google.com => [http://google.com](http://google.com/images/someFile.png)/images/someFile.png

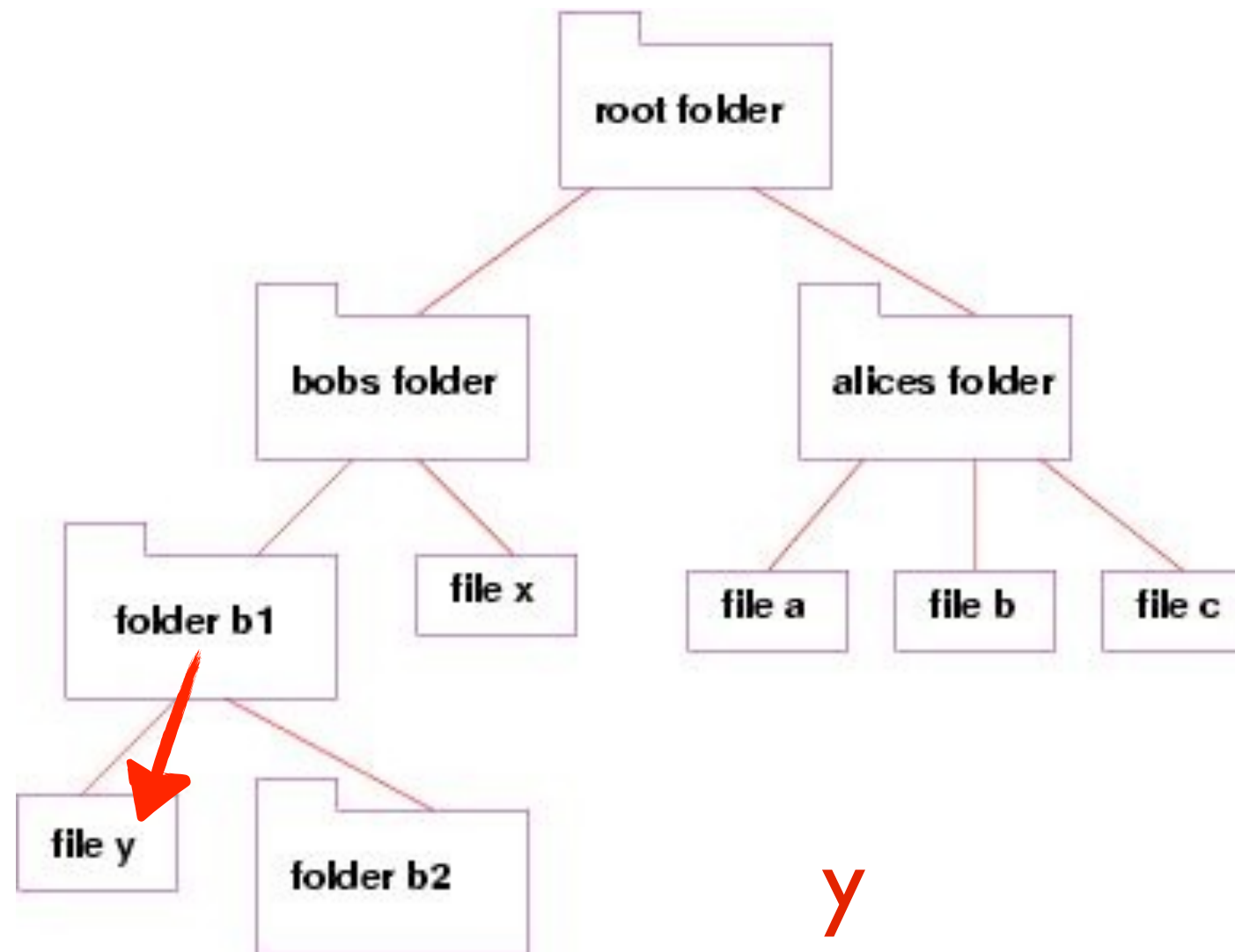
Google.com/test => [http://google.com/test](http://google.com/test/images/someFile.png)/images/someFile.png

Google.com/1/2 => [http://google.com/1/2](http://google.com/1/2/images/someFile.png)/images/someFile.png

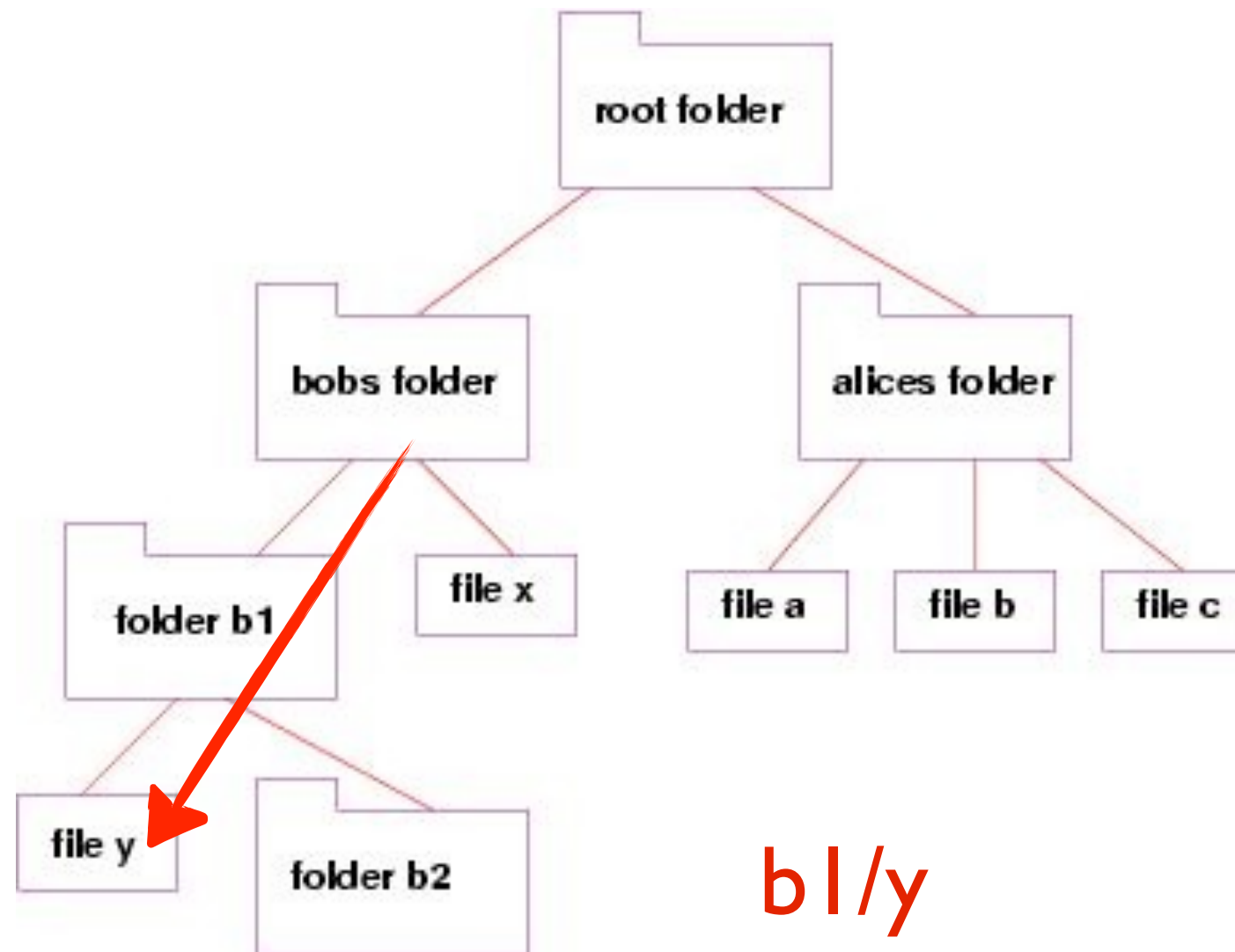
The File Tree



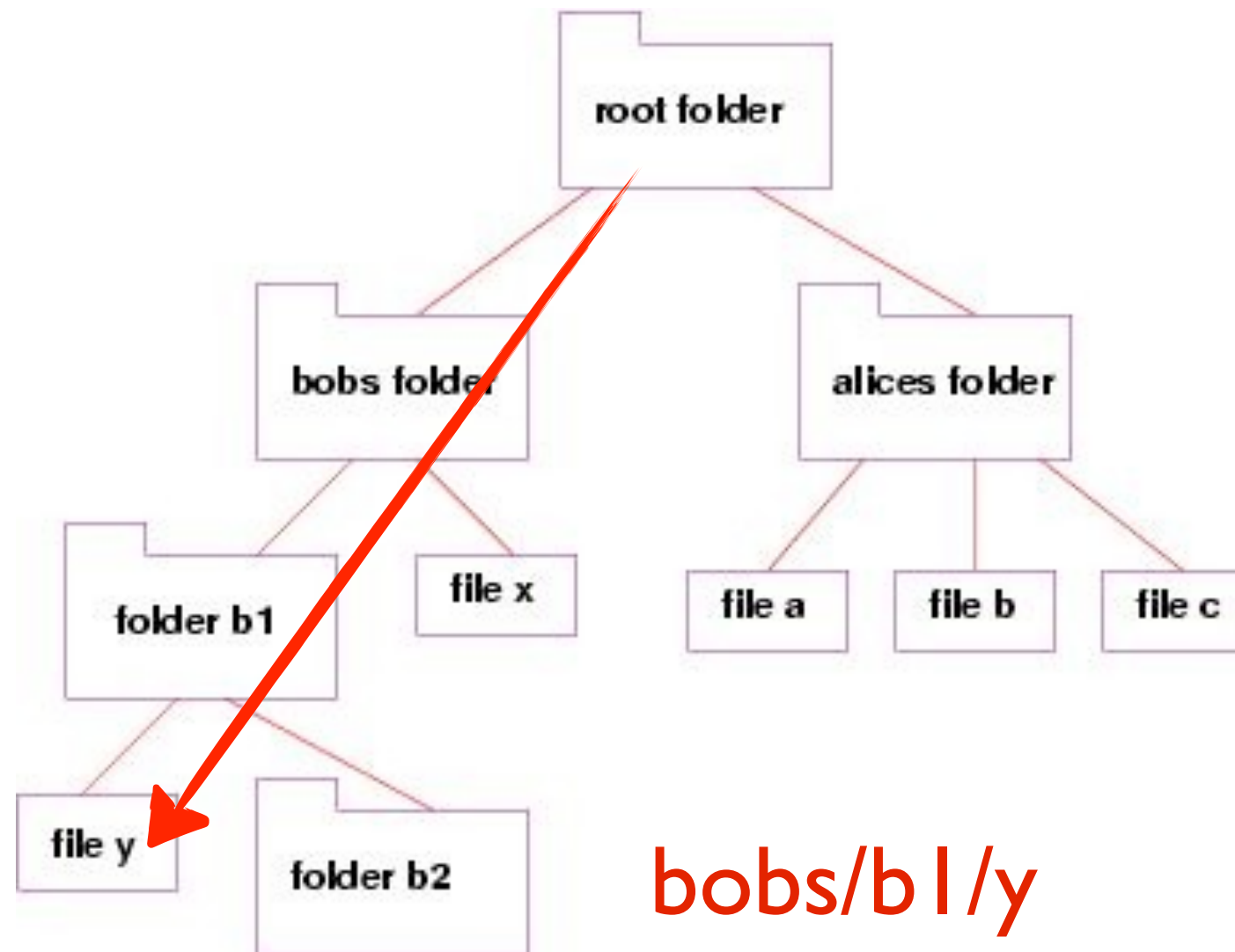
The File Tree



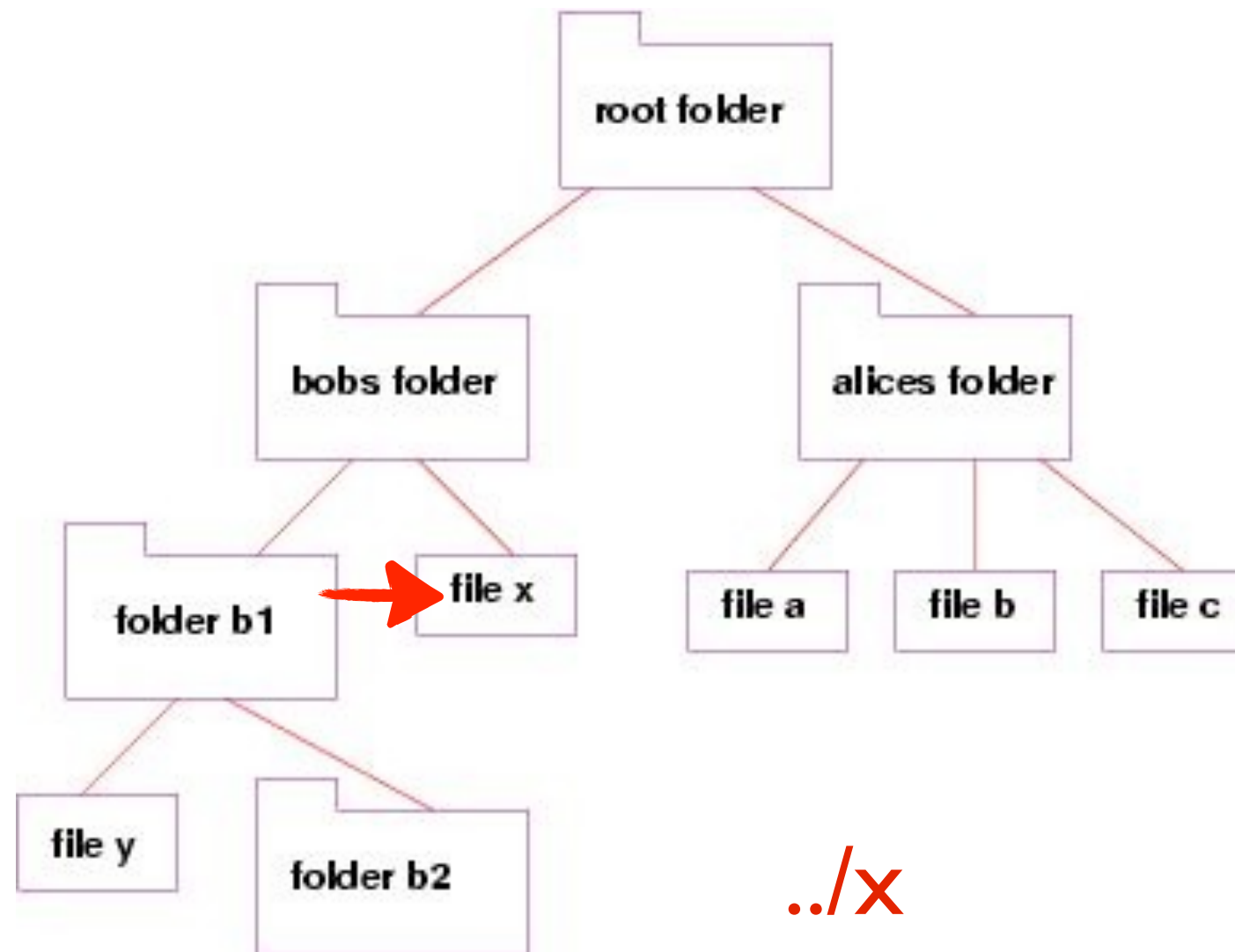
The File Tree



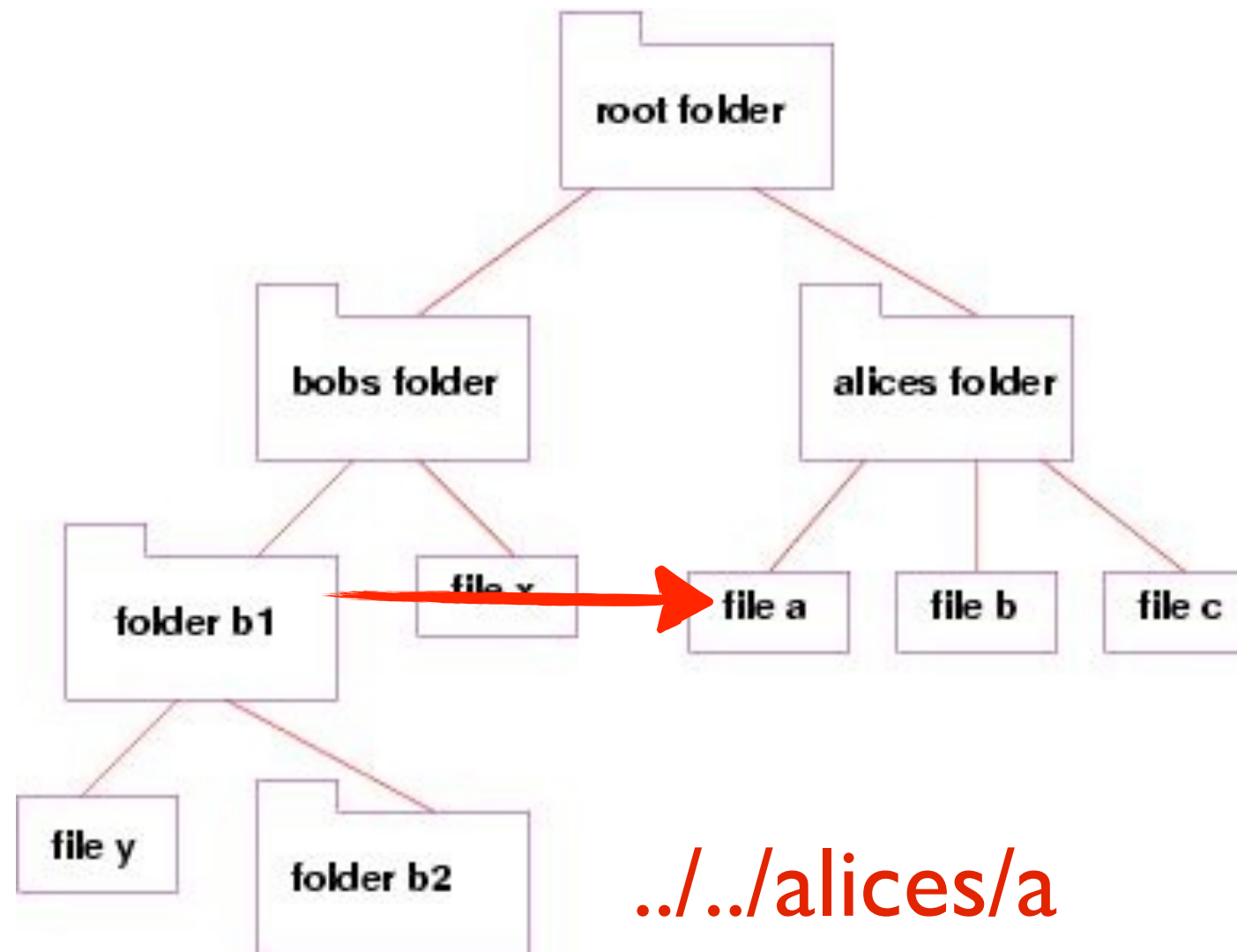
The File Tree



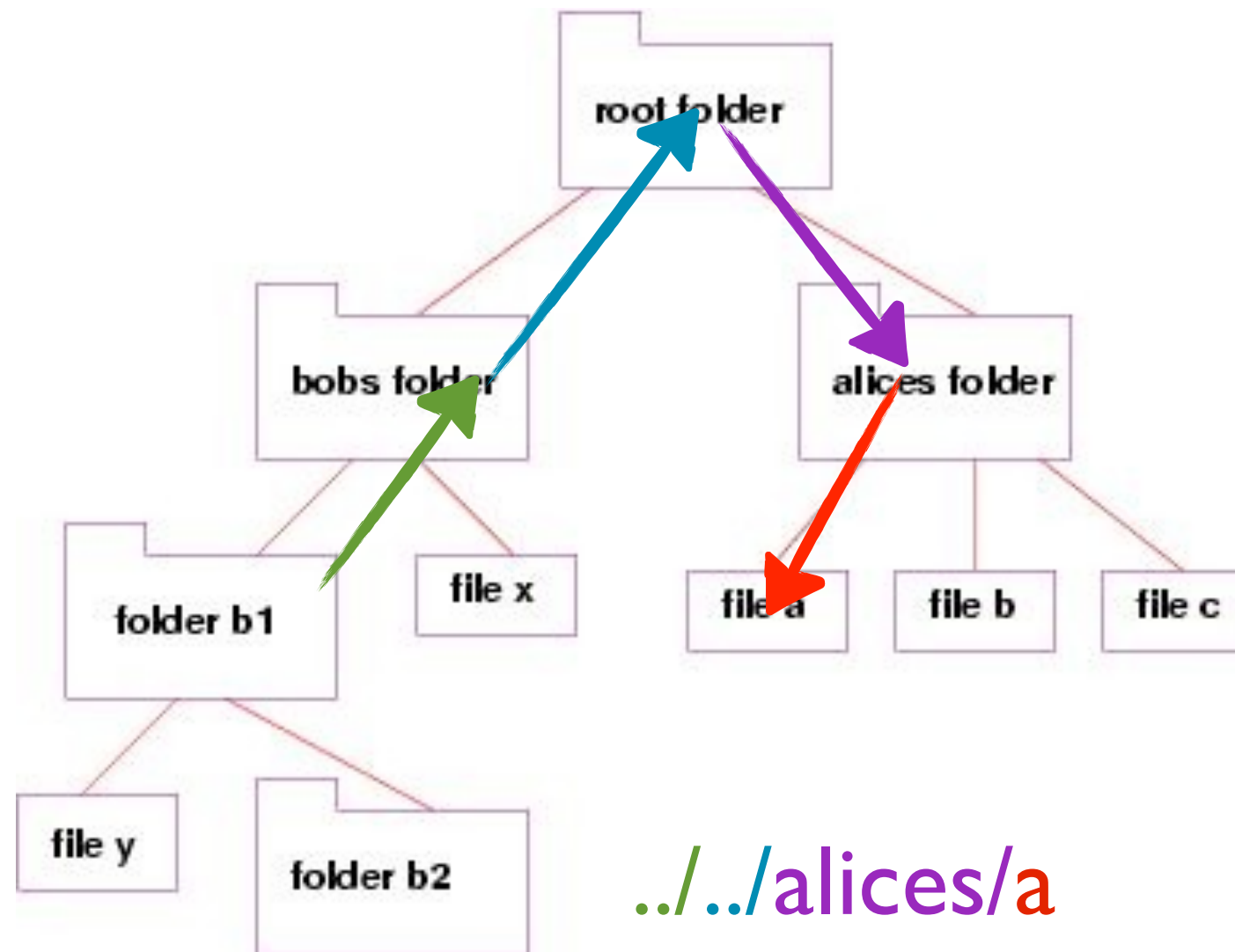
The File Tree



The File Tree



The File Tree



A Typical Folder Structure

- someroot/
 - images/
 - javascript/
 - css/
 - index.html
 - secondPage.html

CSS Selectors

- Refresher on classes and ids
- Element by name
- Immediate descendant
- Descendant
- Siblings
- attribute and attribute value
- links and pseudo classes

Ids

CSS

```
#coolId { ... }
```

HTML

```
<img id="coolId">
```

Class

CSS

```
.sweetClass { ... }
```

HTML

```
<img class="sweetClass">
```

Element By Name

CSS

```
h2 { ... }
```

HTML

```
<h2></h2>
```

SUPER DELUXE COMBO

CSS

```
h2.something { ... }
```

HTML

```
<h2 class="something"></h2>
```

SUPER DELUXE COMBO

CSS

```
h2#sweet { ... }
```

HTML

```
<h2 id="sweet"></h2>
```


Immediate Descendant

CSS

`div > span { ... }`

HTML

`<div></div>`

Descendant

CSS

```
ul li { ... }
```

HTML

```
<ul>  
  <li></li>  
  <li>  
    <ul><li></li></ul>  
  </li>  
</ul>
```

Attribute Existence

CSS

[class] { ... }

HTML

<div class="1"></div><div class="3"></div>

Attribute Equality

CSS

```
[class="1"] { ... }
```

HTML

```
<ul><ul><div class="1"></div><div class="3"></div>
```

WOMBO COMBO

CSS

```
div[class="1"] { ... }
```

HTML

```
<div class="1"></div><span class="1"></span>
```

WOMBO COMBO 2

CSS

```
div [class="1"] { ... }
```

HTML

```
<div class="1"><span class="1"></span></div>
```