

Hyperlinks

Creating a linked document

Links

- **Links are what make the Web a web.**
- **The interlinked nature of the web leads to the “knowledge” that search engines appear to have.**

Anchor links

```
<a href="http://www.umich.edu">University of Michigan</a>
```

- The `<a>` tag stands for *anchor link*
- Needs a **hyper-reference** AND **content**
 - **href:** reference to location of new content
 - **content:** the “clickable” part (text or image)

Types of links

- **Absolute**
- **Relative**
- **Internal**
- **Graphical**

Absolute reference

절대링크

`Web Design`

Fully formed URL

Opening tag

Where to go on click

Clickable text

Closing tag

The diagram shows the HTML code for an absolute reference: `Web Design`. Annotations include: a blue arrow pointing to the opening tag `<a` labeled 'Opening tag'; a black arrow pointing to the URL `http://www.intro-webdesign.com/` labeled 'Where to go on click' and 'Fully formed URL' (handwritten); a blue arrow pointing to the text `Web Design` labeled 'Clickable text'; and a blue arrow pointing to the closing tag `` labeled 'Closing tag'.

Relative References

상대 경로

```
<a href="page2.html">Second Page</a>
```



Link to a local file in the same folder

```
<a href="docs/page2.html">Second Page</a>
```



Link to a local file in a different folder called “docs”

```
<a href="#history">History section</a>
```



Link to a different location in the same file

Absolute vs Relative

- When would you use absolute links?
- Are there any benefits to using local links?
- Your links should **NEVER** have folders that are specific to your computer

C:\page2.html



Using Images as the Link

- The “clickable” component doesn’t have to be text.

```
<a href="http://www.redcross.org">  
  <img src = "imgs/redcross-logo.png"  
  alt = "Red Cross logo"/></a>
```

```
<a href="http://www.redcross.org">  
  <img src = "http://www.redcross.org/images/redcross-logo.png"  
  alt = "Red Cross logo"/>  
</a>
```


Usability Issues

- **Make sure the clickable component has an informative name**
- **Information in the images should be available to those who can't see the image**

Targets

- **Anchors can take a target attribute**
 - **_self** - default action ~> 같은 창에서 열림.
 - **_blank** – open in new tab or window
 - **_top** and **_parent**

Review

- **A page without links is rare**
- **Links can be absolute, relative and internal**
- **Use caution when using images in links**

Acknowledgements/Contributions

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