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

절대경로

fully formed URL

`<a href="http://www.intro-webdesign.com/">Web Design</a>`

Opening tag

Where to go on click

Clickable text

Closing tag

Relative References

```
<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.

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

```html
<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 . 열린 .
  - **_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