



Developing Usable and Accessible E-learning for All with Lectora

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Overview

- Define usability/accessibility
- Techniques to use for developing an accessible course in Lectora
- How to test the course for usability/accessibility
- Where to find resources on usability/accessibility
- Questions

What is course accessibility?

- Accessibility means your course is easy to use with adaptive technology and has specific instructions to guide the learner if needed, no matter who is trying to use it.

What is course usability?

- Usability means that your course is easy to use with few instructions, no matter who is trying to use it.

Major disability types

Visual

Hearing

Motor

Cognitive

Why should I care?

An estimated 20 percent of the population in the United States (40.8 million individuals) have a disability and 10 percent (27.3 million individuals) have a severe disability.

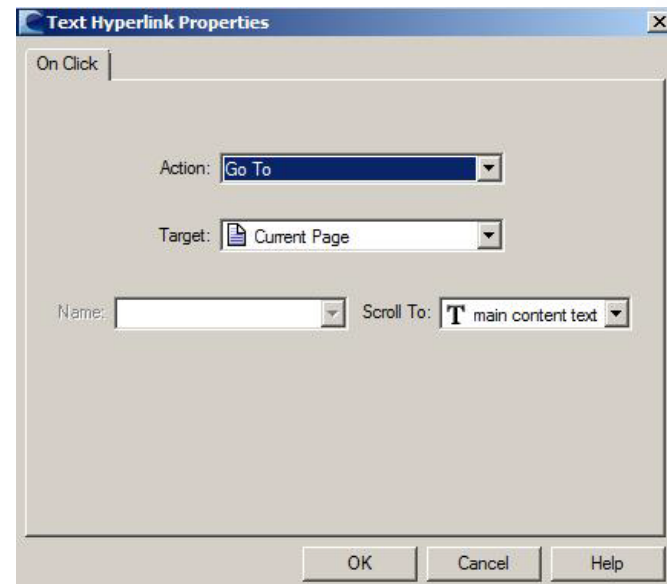
It's the right thing to do!

Lectora

Key strategies to use to achieve accessibility with Lectora:

Specify alt-tags for appropriate images

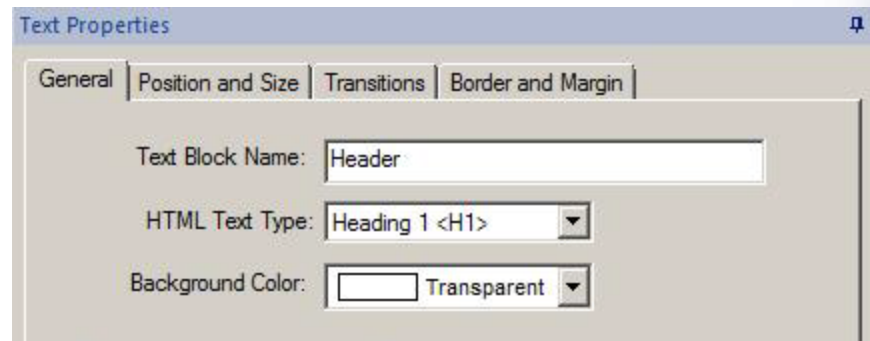
Skip repetitive navigation



Lectora

Reading order (IMPORTANT)

Specify headers



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Accessible multimedia

- Do not automatically start
- Closed caption

Popup windows

- No Web 2.0 windows
- Add hyperlink to close window

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Lists – Enter as HTML objects

```
<ul>  
<li>Enter line 1 </li>  
<li>Enter line 2</li>  
</ul>
```

Resources

<http://webaim.org/> (info & tools)

<http://webaim.org/simulations/screenreader/#sim>
(screen reader simulation)

<http://jimthatcher.com>

<http://www.w3.org/WAI/> (testing guidelines, etc.)

<http://www.knowbility.org/> (training and AccessU)

<http://easi.cc/> (some free accessibility webinars)

Resources

Testing tools:

WAVE <http://webaim.org/products/>

AIS Web Accessibility Toolbar

<http://www.visionaustralia.org.au/info.aspx?page=614>

JAWS Screen Reader <http://www.freedomscientific.com/>

Questions



Contact Information

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E-learning Symposium in Austin, June 8. More info at:

<http://elearningcouncil.com/>