Accessibility and Adobe InDesign CS3
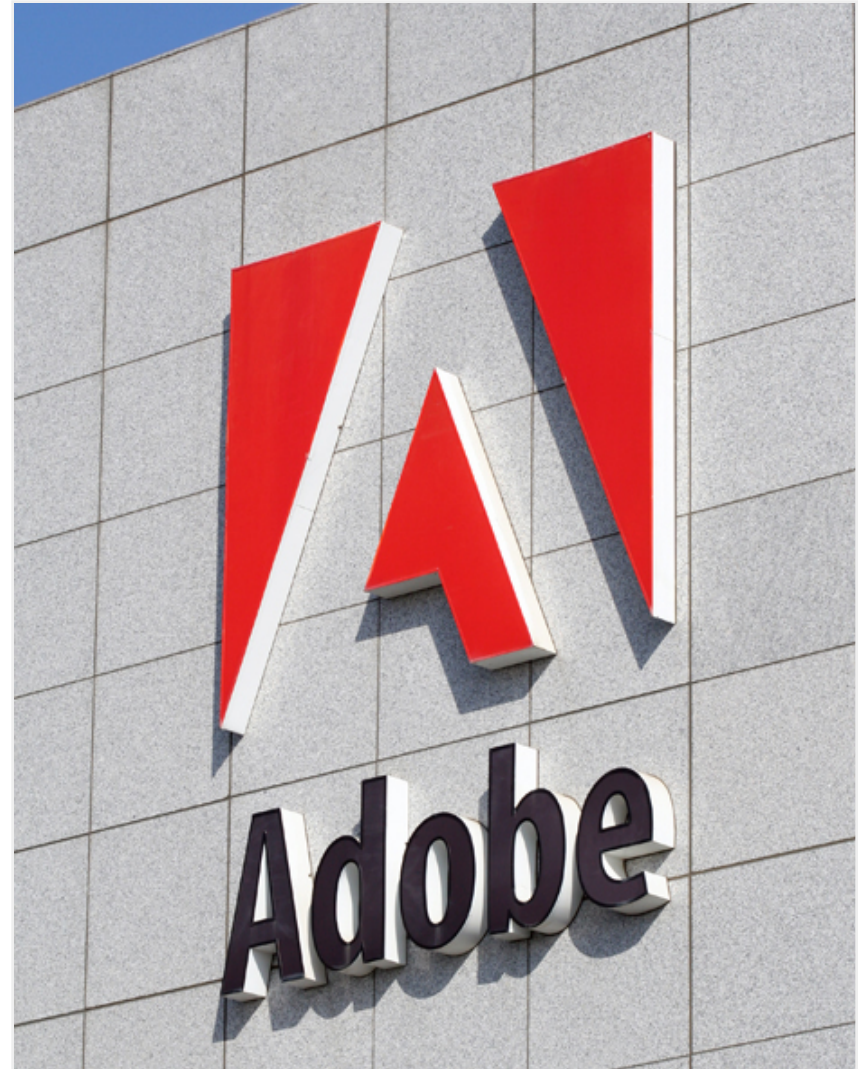
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Adobe Systems

Boston Area InDesign User's Group

May 8, 2008

ADOBE® ACCESSIBILITY

Adobe InDesign CS3 Accessibility Overview

- Adobe InDesign CS3 provides support for users of assistive technologies, as well as for individuals seeking to create accessible web content and web applications

ADOBE® ACCESSIBILITY

# Adobe InDesign CS3 Accessibility Details

- Adobe® InDesign® CS3 software supports accessible cross-media publication, allowing you to export InDesign documents to PDF, XHTML, and XML.

- Users can add tags and alternative text attributes to InDesign documents that support the production of accessible content in these exported formats.

  Used in combination with Adobe Acrobat® software for touch-up of the exported PDF files and Adobe Dreamweaver® software for XHTML and XML output, users can achieve maximum accessibility for the exported content.
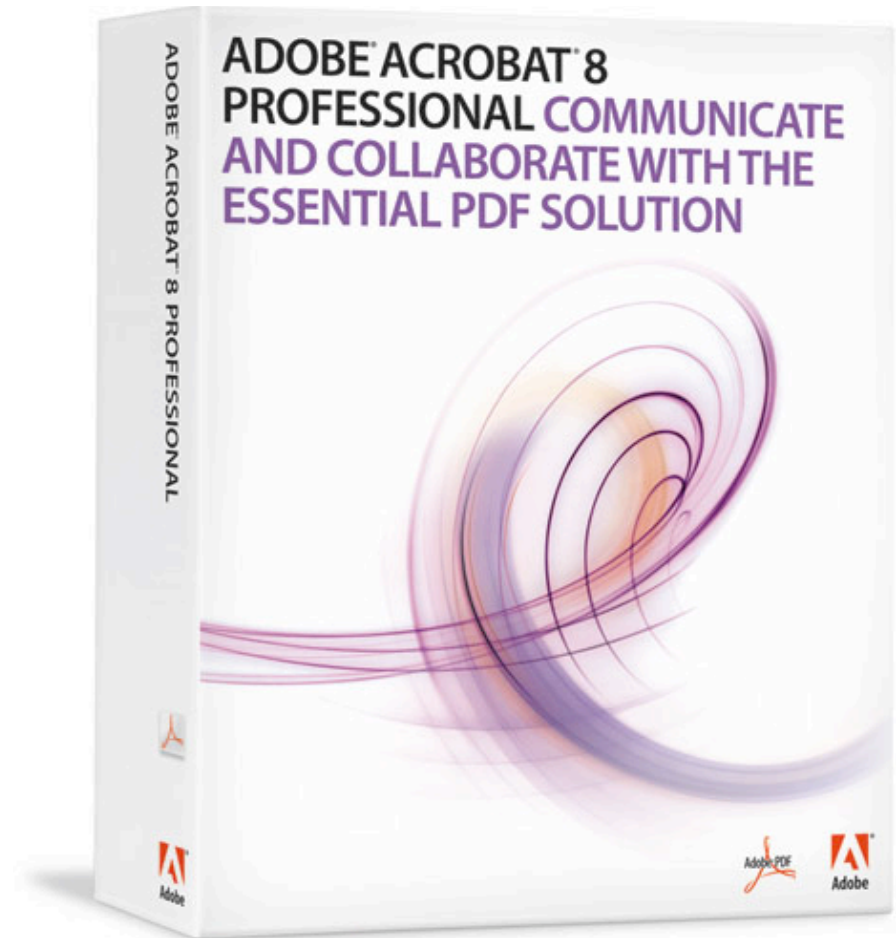
ADOBE® ACCESSIBILITY

Adobe Acrobat 8.0 Accessibility Overview

- All products in the Acrobat family, Reader, Acrobat Standard, and Acrobat Professional work with conventional assistive technology products such as the popular screen readers JAWS and Window Eyes.

- All of the Acrobat products also have built in accessibility features such as Read Out Loud speech synthesis, the ability to control the contrast between background and text, and the ability to provide a large type display using the Reflow feature.

- Provides users the ability to validate and create accessible PDF documents and forms from a variety of original sources including scanned paper documents.

ADOBE® ACCESSIBILITY
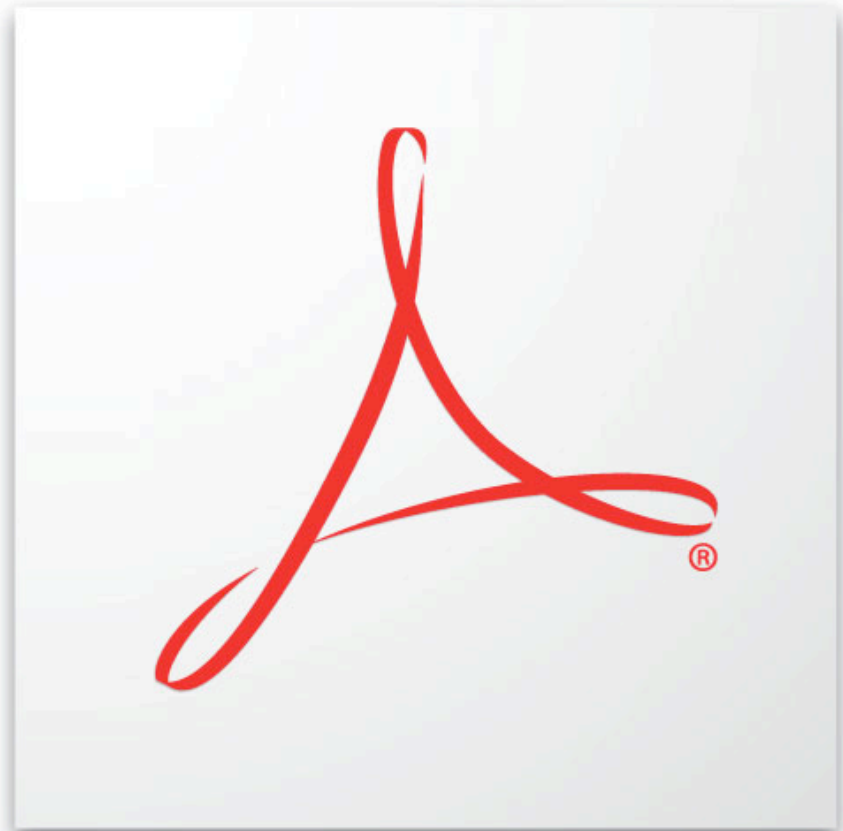
Adobe Acrobat 8.0 Professional Accessibility Details

- Compatible with Conventional Assistive Technology

- Has Built in Accessibility Accommodations

  - Read Out Loud

  - High Contrast

  - Reflow

  - Autoscroll

  - Accessibililty Setup Assistant

- Facilitates Accessible Authoring

  - OCR

  - Add Tags

  - Touch Up Read Order Tool

  - Accessibility Checker

ADOBE® ACROBAT® 8 PROFESSIONAL COMMUNICATE AND COLLABORATE WITH THE ESSENTIAL PDF SOLUTION

ADOBE ACROBAT 8 PROFESSIONAL

ADOBE® ACCESSIBILITY

Accessibility Requirements Regardless of File Format

- **Logical Reading Order –** Does it make sense when you listen to it?

- **Alternate Text Descriptions for Non-Text Elements –** Have alternate text descriptions been added to graphics for those with visual disabilities?

- **Logical Tab Order (Forms) –** Can you navigate the form in a way that makes sense?

- **Short Descriptions (Forms) –** Are audible short descriptions added to form fields for those with visual disabilities?

ADOBE® ACCESSIBILITY

Requirements Met by Creating Structured Documents

- **InDesign CS3 Structure**

  - Represented as Tags

  - Can be derived from Paragraph Styles

  - Can be exported to PDF

- **PDF Structure**

  - Displayed in Acrobat 8 Professional

  - Used by Assistive Technology

- **Structure Also Provides Support for Other Necessary Attributes**

  - Object Distinction (H1, H2, p, etc.)

  - Text Alternatives

  - Short Descriptions

ADOBE® ACCESSIBILITY
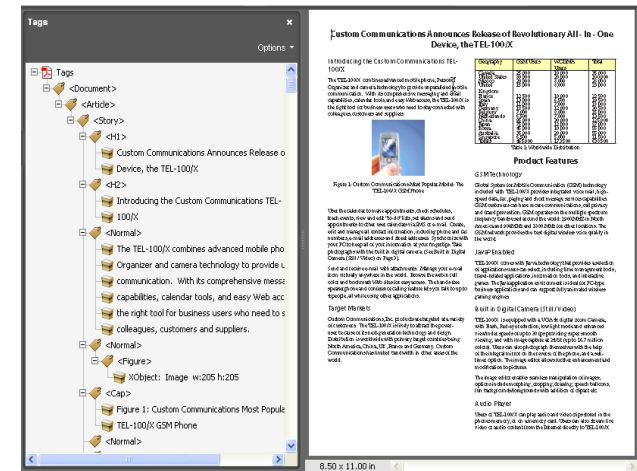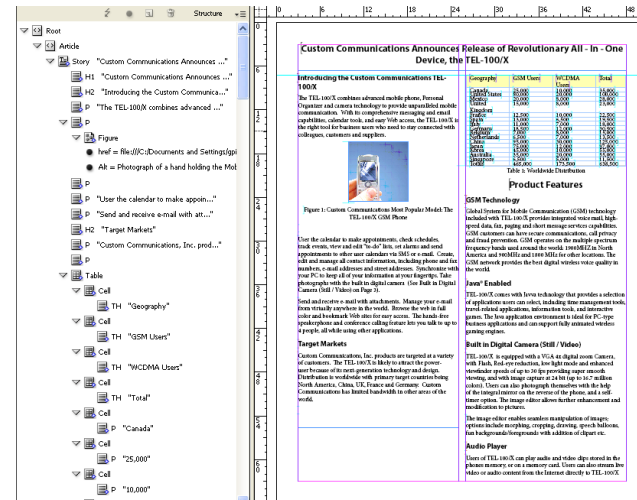
Create Your Document in InDesign

- Create Your Document as You Normally Would in InDesign

ADOBE® ACCESSIBILITY

To Reveal an InDesign Document's Structure

- View > Structure (Alt + Ctrl + 1)

  - Typically most documents have only a root node with nothing more

ADOBE® ACCESSIBILITY
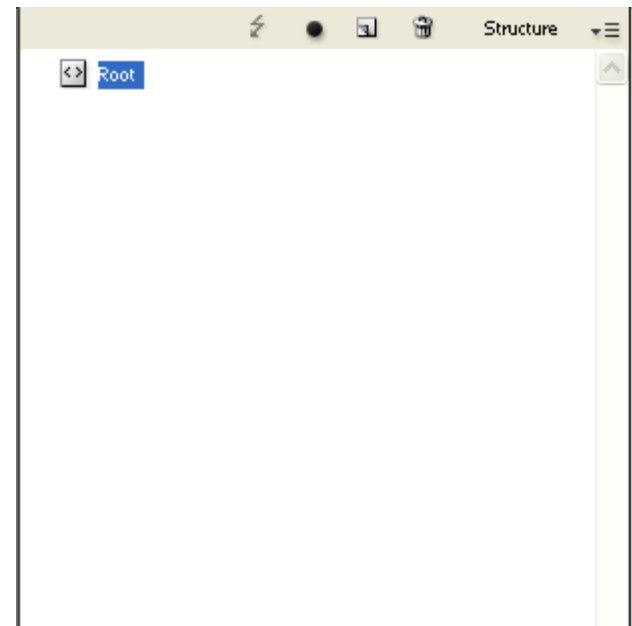
Find the Untagged Items

- From the Structure Panel Menu, Select Add Untagged Items

  - This Typically has the Effect of Identifying the Graphics for You

  - You can also add alternative text to the graphics from this tree by specifying a "New Attribute" for the Figure

ADOBE ACCESSIBILITY
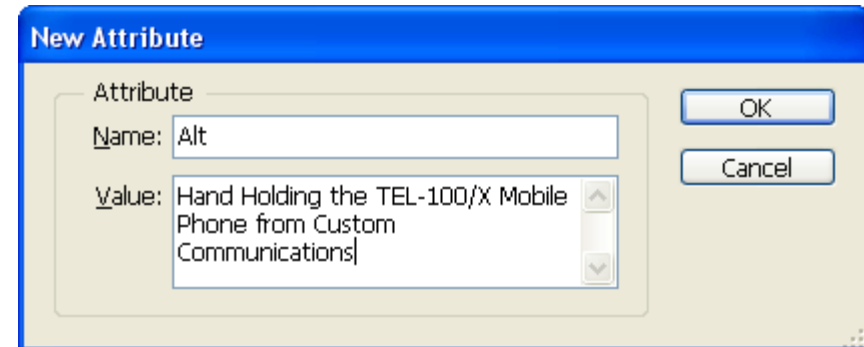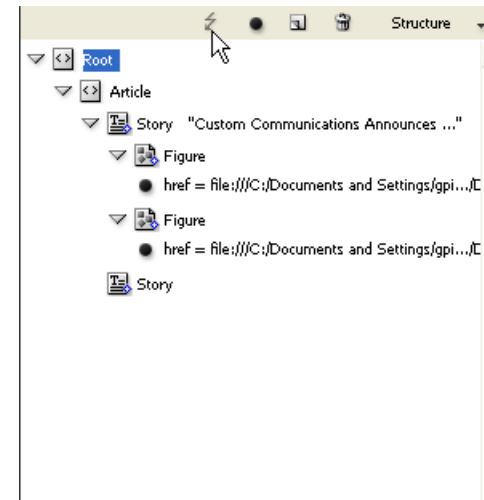
InDesign Provides a Variety of Means to Structure the Document

- Directly Tag Content

- Derive Structure from Paragraph Styles

- Associate Paragraph Styles with Specific Tags

- These Techniques may be Combined if Necessary

ADOBE® ACCESSIBILITY
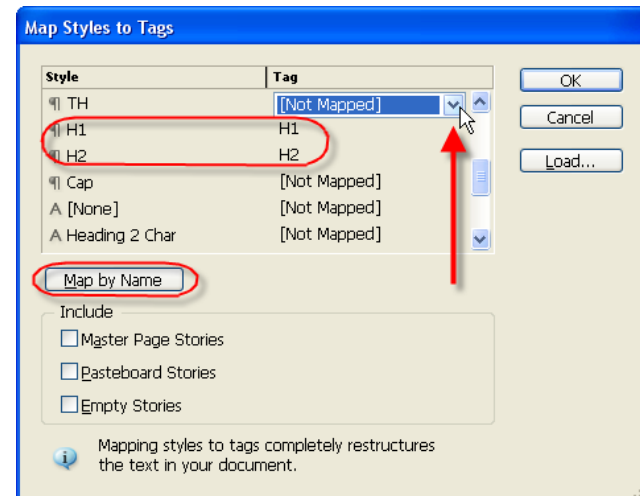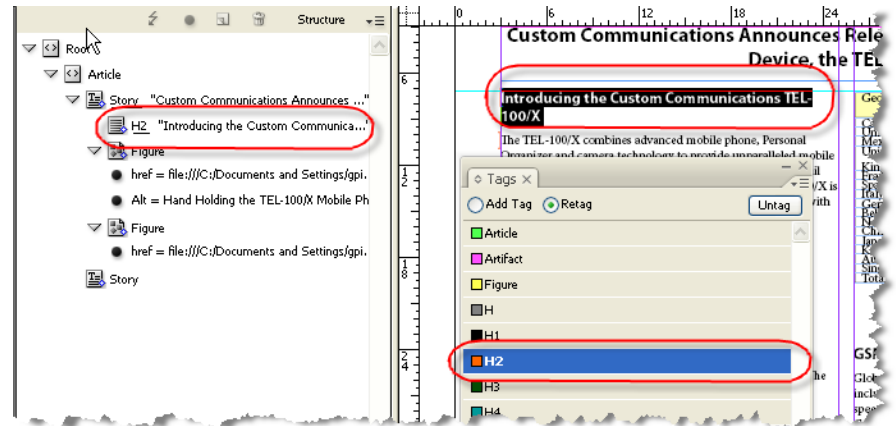
Convert Your Structured InDesign Document to Accessible PDF

- Export Your File (Ctrl + E) as a Tagged PDF

- Use the Accessibility Checker in Acrobat 8 Professional to Verify the Results

ADOBE® ACCESSIBILITY
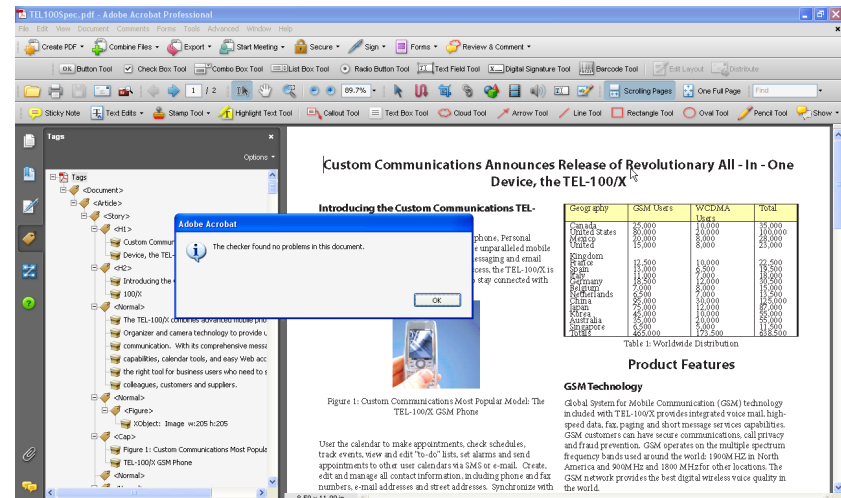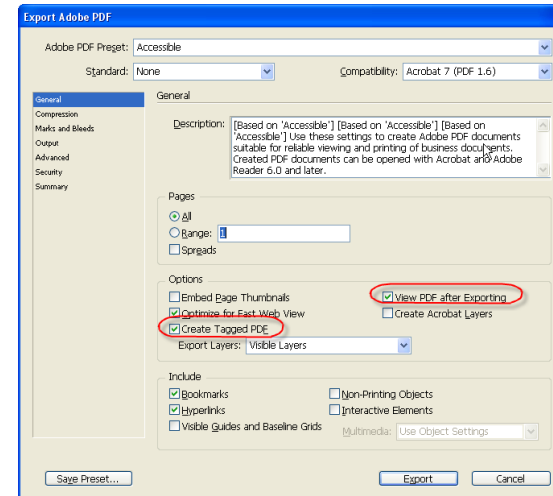
Adobe Accessibility Resources Overview

Adobe Accessibility Home Page and Accessibility Resource Center

- ***The area of the Adobe website (www.adobe.com) devoted to providing information about the accessibility of Adobe products for people with disabilities and the ability of those products to produce content that is accessible for people with disabilities.***

ADOBE® ACCESSIBILITY
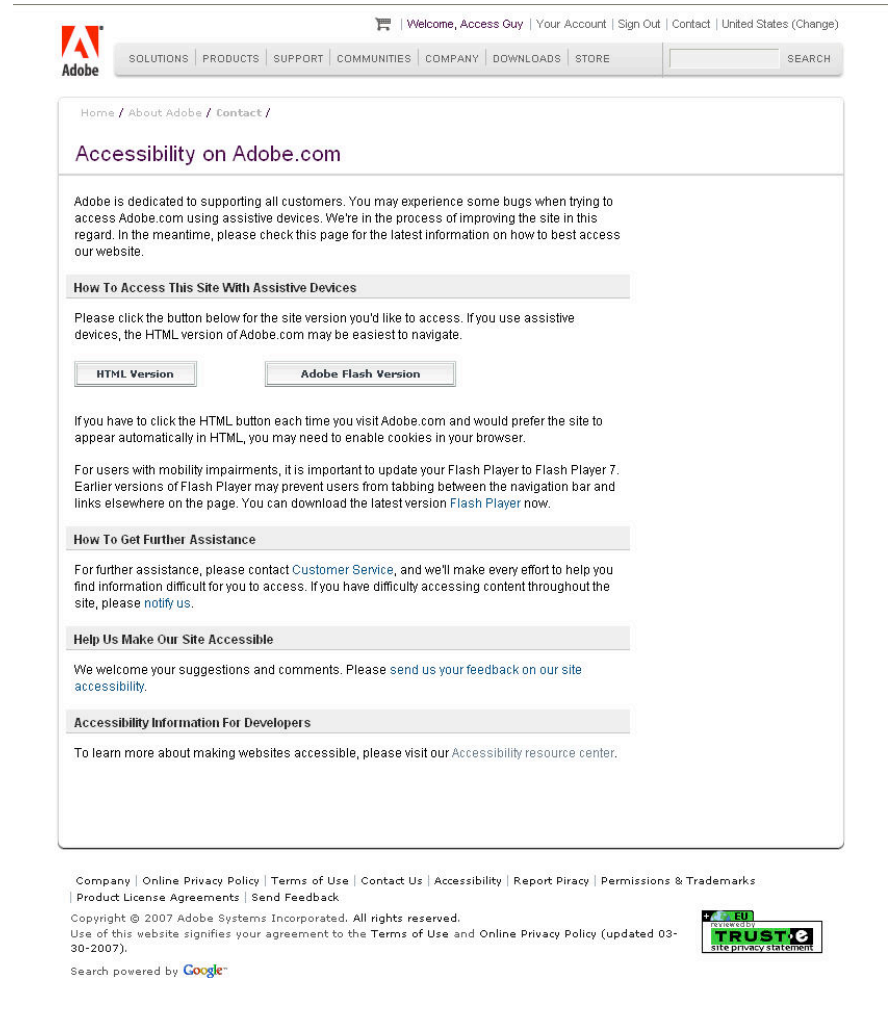
Adobe's Online Accessibility Resources: Getting There

Getting to Adobe's Accessibility Homepage is Easy!

- A link to the Adobe Accessibility Home Page is found as a footer on each page of the Adobe website (www.adobe.com).

- This link is labeled Accessibility.

- The Accessibility link takes you to the Accessibility Home Page located at http://www.adobe.com/help/accessibility.html

ADOBE ACCESSIBILITY

Accessibility Homepage

- HTML version

- Flash version

- A Link for Further Assistance

- An Opportunity to Provide Feedback to Adobe

- Your Link to the Accessibility Resource Center

- Located at

  http://www.adobe.com/help/accessibility.html

ADOBE® ACCESSIBILITY

Accessibility Resource Center

- **Entry Point for Accessing Individual Product Accessibility Pages**

- **Educational Resources on Accessibility**

  - Tutorials

  - Manuals

  - How Tos

- **Accessibility Case Studies**

- **Section 508 Compliance**

  - Product Accessibility Templates

- **Located at**
  http://www.adobe.com/accessibility/

ADOBE® ACCESSIBILITY

Product Accessibility Subpages

- Accessibility information for specific Adobe products is found on individual accessibility sub pages for each product.

- These sub pages are accessed from the Accessibility Resource Center.

- Access is achieved either through links on the Accessibility Resource Center main page or from drop down lists that occupy a frame on the right edge of the sub pages in the Accessibility Resource Center.

ADOBE® ACCESSIBILITY

Adobe InDesign CS3 Accessibility Additional Resources

- InDesign CS3 accessibility sub page at:
  http://www.adobe.com/accessibility/
  products/indesign/

- ***InDesign CS3 VPAT***
  http://www.adobe.com/enterprise/
  accessibility/
  section508.html#indesigncs3

ADOBE® ACCESSIBILITY
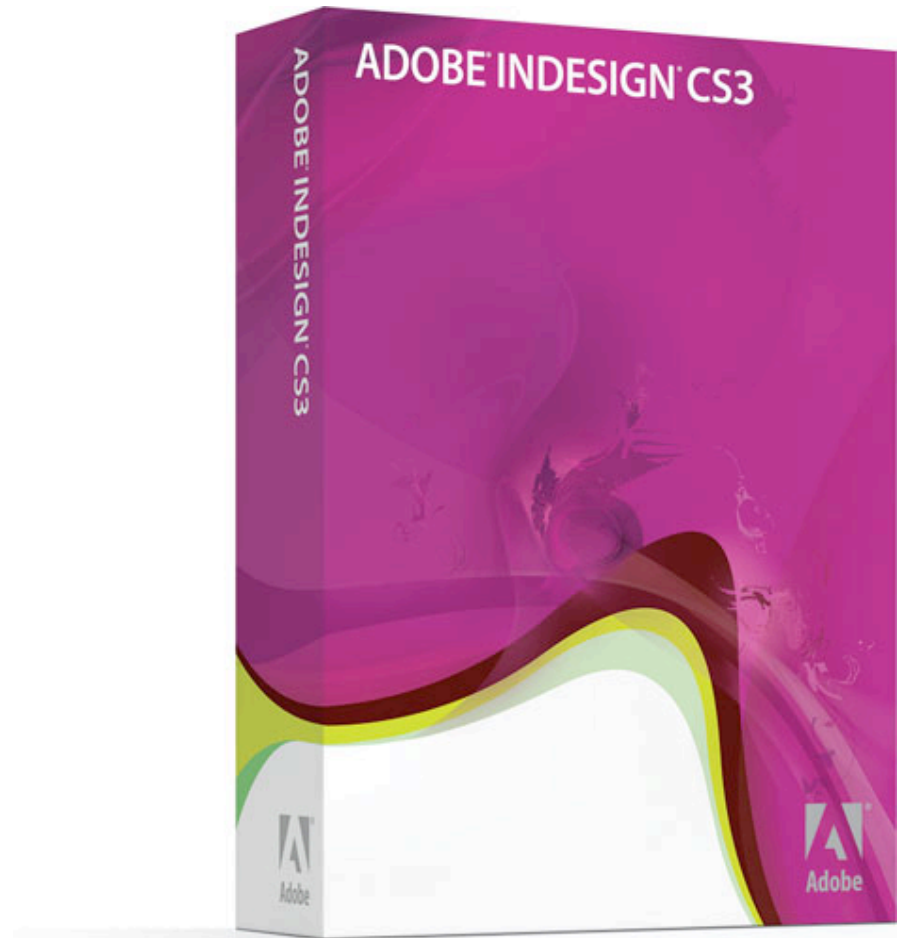
Adobe Acrobat 8.0 Accessibility Additional Resources

- Acrobat 8.0 Accessibility sub page:
  http://www.adobe.com/enterprise/accessibility/acrobat.html

- *Acrobat 8.0 VPAT*
  http://www.adobe.com/enterprise/accessibility/section508.html#acrobat80

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