

## Developers Desktop Solutions for Accessibility Management, Testing and Remediation

### Benefits

- Allows SharePoint Designer users to build accessibility into their MOSS sites through an integrated workflow process
- Check for both regulatory and custom guidelines
- Provides Repair Utilities to help with remediating site quality issues including:
  - Table Repair Utility
  - Form Repair Utility
  - Repair Library
  - Image Repair Utility to define alternative text for images

### Accessibility Solutions for the Development Life-cycle

The Internet has become an increasingly easy way to publish and find public information. However, some people are unable to access the Internet through traditional Web browsers without the use of assistive technologies, which enhance the way they browse information.

While assistive technologies help people access the Internet, the amount of information they can browse is limited. Today there are US and international accessibility standards, like Section 508 and WCAG, that Web developers can follow so that everyone using a browser can find the same information and benefit from it.

A successful Web accessibility program provides great value to an organization delivering a quality user experience for all, opportunity for market expansion, risk management mitigation and increased corporate social responsibility. HiSoftware's interactive Developer Desktop Solutions, AccRepair and AccVerify® for Microsoft SharePoint Designer, allow developers and content providers to test/repair content for compliance issues prior to publishing in the production environment.

Rather than waiting to report these issues on the production site—or worse, have your customers report the issue—developers can address compliance as part of their initial design, development and quality assurance testing, and learn the skill-sets required to meet organizational and regulatory standards, as part of their normal unit-testing process. Also, by building standards based design and overall compliance testing into the development life-cycle, HiSoftware's solutions can reduce the overall cost of meeting these compliance challenges.

### AccRepair for Microsoft SharePoint Designer

AccRepair for Microsoft SharePoint Designer includes AccVerify to provide a complete Developers Desktop test management system that enables Microsoft SharePoint Designer users to address compliance issues for their MOSS sites through an integrated workflow process—whether or not they are experienced in the accessibility guidelines or have a technical background. Users can validate and repair content as part of as part of their design and build process for compliance with regulatory and organizational policies for Web accessibility.

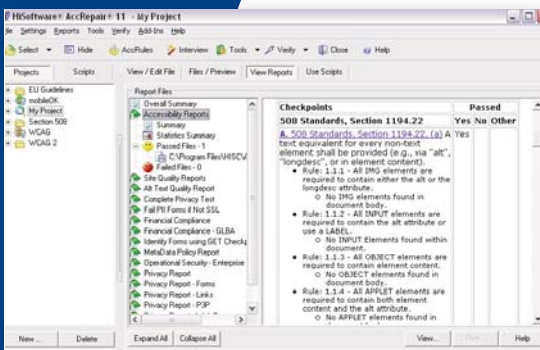
This integrated solution provides a unified approach that meets the demands of both executive and technical constituencies, by allowing your organization's experts and/or policy managers to define organizational policies and then provide a solution to validate compliance with these policies, so that you know exactly why your content has passed or failed.

### Comprehensive Reporting

AccRepair provides an integrated digital dashboard that incorporates streamlined report viewers and preview modes so users can test their pages for optimal performance under variable end-user scenarios. The reporting system provides easy access to executive level summary reports so that IT managers can obtain quick status reports within the application interface. Detailed analysis for developers and quality assurance teams is available using the same highly customizable interface.

### Integrated Preview Modes

Preview modes provide users with an integrated facility to test pages for functionality,html validation, without images, without color, without style sheet support, and in a "linear" fashion. Preview modes are managed through both an embedded browser as well as through the user's system default browser.



Above: Project View

## Testing for Quality Factors

AccRepair for Microsoft SharePoint Designer provides "out-of-the-box" testing and reporting for standards-based accessibility compliance factors. Unlike other solutions it also supports custom standards, allowing users to define and conduct custom tests for organizational requirements. AccRepair users can:

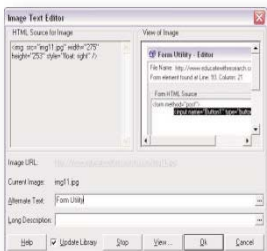
- Test for accessibility and usability: Section 508, WCAG 1.0, WCAG 2.0, CLF, XAG and any standard derived from WCAG or Section 508.
- Test for compliance with custom guidelines and policies for all content including but not limited to: HTML, XHTML, SVG, XML, CSS, XSL, SVG, JavaScript, VBScript and any other text or element based content.
- Ships with comprehensive reports for: Accessibility, Privacy Policy, Searchability, Metadata Policy and Usability.

The result is a complete and concise report on the accessibility, quality and policy compliance status of content that has been tested.

## Custom Checkpoint and Report Builder

The Custom Checkpoint and Report Editor allow users to define specific validation for accessibility, usability, searchability, privacy and other custom content quality factors, extending AccVerify's validation system to meet any specific need not covered by a public standard or guideline. Test features, formats and customization can be pre-configured by an organization's policy managers so that developers, quality assurance professionals and other content creators can using AccRepair simply run these programmatic tests and receive a result, without any requirement for software configuration.

## The Repair Wizard - No HTML Programming Required



Above left: View of Repair Wizard

Working in the Microsoft SharePoint Designer environment you can use the AccRepair form repair utility to quickly and easily mark up your forms, simple or complex, to make them accessible, with no knowledge of accessibility or of HTML or XHTML. AccRepair guides you through steps to achieve accessibility for your Web content. Using a wizard format, AccRepair locates inaccessible Web elements and then prompts you to correct them. The Wizard then inserts the information you provide into the

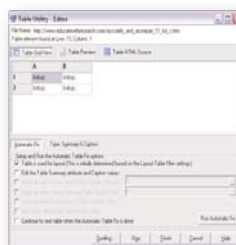
source code for you. It also includes an image repair utility which allows users to define alternative text for images, to replicate these fixes across shared images or shared libraries, and optionally collaborate with other team members and other users for consistency and "common look and feel" across a multi-tiered development environment.

## Library Database Facilitates Collaboration

HiSoftware uses database technology to repair Web elements. When you repair a Web element using AccRepair, the information is stored in the library database. This database allows AccRepair to "remember" the element and repair it automatically. Many users can contribute to the same database, and can share the database to repair Web files and help speed remediation.

## Table Utility

Using the Table Utility you can make tables accessible without editing the source code. It includes identification of each table as a data or layout table, help with adding the summary attribute and caption tag, Headers ID List Wizard for adding the id attribute to header cells, Headers Wizard for adding the headers attribute to header cells, Axis Wizard for adding the axis attribute to categorize cells, Scope for adding the scope attribute to row/column headers, and row grouping for head, body, and foot sections.



Above right: View of the Table Utility

## System Requirements

- Microsoft Office SharePoint® Designer 2007
- Windows® NT 4.0 Workstation with Service Pack 5, Windows XP, Windows Vista or above
- 32 MB RAM
- 20 MB HDD space required for install
- VGA Monitor, Super VGA recommended



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