

Disclaimer: This resource provides general guidance and is not legal advice. Consult qualified counsel for jurisdiction-specific requirements.

Halytic Accessibility Fix Agent - Snippet Usage Guide

Table of Contents

[Back to TOC](#)

- Overview - 🚀 Quick Start - Step 1: Create a Site in Halytic - Step 2: Add the Snippet to Your Website - ⚠️ Critical: Site ID Must Match - The Problem - The Solution - Wrong Approach ❌ - Correct Approach ✅ - 📋 Best Practices - 1. Use the Dashboard for Scanning - 2. Keep the Same Site ID - 3. Monitor Your Progress - 🛠️ How It Works - The Fix Agent Process - What Gets Fixed - What Doesn't Get Fixed - 🎯 Delivery Options - 1. Hosted Agent (Overlay) - Recommended - 2. ZIP Bundle - 3. Source Code - 4. GitHub PR - 🖋️ Testing Your Snippet - Step 1: Add the Snippet - Step 2: Deploy - Step 3: Run a Scan - Step 4: Verify Fixes - 🐛 Troubleshooting - Issue: Fixes Not Applying - Issue: Multiple Sites Created - Issue: Fixes Apply But Score Doesn't Improve - 📊 Monitoring and Maintenance - Weekly Checks - Monthly Reviews - Quarterly Updates - 🎓 Additional Resources - Documentation - External Resources - Support - 💡 Pro Tips

Overview

[Back to TOC](#)

The Halytic Accessibility Fix Agent is a lightweight JavaScript snippet that applies accessibility fixes to your website in real-time. This guide explains how to use it effectively.

Quick Start

[Back to TOC](#)

Step 1: Create a Site in Halytic

Important: Before adding the snippet to your website, you must first create a site in your Halytic dashboard.

1. **Go to Dashboard** → <https://halytic.ai/dashboard>
2. **Click "Sites"** in the sidebar
3. **Click "Add New Site"**
4. **Enter your website URL** (e.g., `https://example.com`)
5. **Click "Create Site"**
6. **Copy the Site ID** from the site details

Step 2: Add the Snippet to Your Website

Add this code to the `<head>` section of your website:

```
<!-- Halytic Accessibility Fix Agent -->
<script
  src="https://api.halytic.ai/fixes/agent.js"
  data-halytic-site-id="YOUR_SITE_ID_HERE"
  crossorigin="anonymous"
  async
></script>
<style>
/* Enhanced focus indicators for keyboard navigation */
*:focus-visible {
  outline: 3px solid #10B981 !important;
  outline-offset: 2px !important;
  border-radius: 4px !important;
}
</style>
```

Replace **YOUR_SITE_ID_HERE** with the Site ID from Step 1.

Critical: Site ID Must Match

[Back to TOC](#)

The Problem

Each scan creates a NEW site record with a NEW site ID.

If you run scans from the ADA Checker without using your dashboard site, the site ID in the snippet won't match the scan, and fixes won't apply.

The Solution

Use ONE site for all scans:

1.  **Create ONE site** in your dashboard
2.  **Use that site ID** in your snippet (permanently)
3.  **Run all scans** on that same site
4.  **Fixes will accumulate** and improve over time

Wrong Approach

```
Scan 1 → Creates Site A (ID: abc123)
Scan 2 → Creates Site B (ID: def456)
Scan 3 → Creates Site C (ID: ghi789)
```

```
Snippet uses: Site A ID
Scans use: Sites B & C
Result: Fixes don't apply!
```

Correct Approach

```
Create Site X (ID: xyz999) in Dashboard
Add Site X ID to snippet (permanently)
```

```
Scan 1 → Uses Site X
Scan 2 → Uses Site X
Scan 3 → Uses Site X
```

Result: All fixes apply and accumulate!



Best Practices

[Back to TOC](#)

1. Use the Dashboard for Scanning

Recommended:

- Go to Dashboard → Sites
- Click on your site
- Click "New Scan"
- Review results
- Apply fixes

Not Recommended:

- Using ADA Checker for every scan
- Creating new sites each time
- Changing the site ID in your snippet

2. Keep the Same Site ID

-  **Keep the same site ID** in your snippet permanently
-  **Run all scans** on that same site
-  **Fixes will accumulate** and improve over time
-  **Don't change** the site ID unless you're switching to a completely different site

3. Monitor Your Progress

- **Dashboard** → Sites → Your Site
 - **View scan history** and progress
 - **Track improvements** over time
 - **See which fixes** have been applied
-

How It Works

[Back to TOC](#)

The Fix Agent Process

1. **User visits your website**
2. **Agent script loads** from `api.halytic.ai/fixes/agent.js`
3. **Agent checks** the site ID in `data-halytic-site-id`
4. **Agent fetches fixes** for that site from the API
5. **Agent applies fixes** to the page in real-time
6. **User sees** an improved, accessible version

What Gets Fixed

The agent applies:

-  **Semantic HTML fixes** (headings, landmarks, regions)
-  **ARIA attributes** (labels, roles, properties)
-  **Focus indicators** (keyboard navigation)
-  **Color contrast** improvements
-  **Alt text** for images
-  **Form labels** and associations

What Doesn't Get Fixed

The agent does NOT fix:

-  **Server-side issues** (requires code changes)
-  **Complex structural changes** (requires manual review)
-  **Third-party widgets** (may require custom solutions)
-  **Dynamic content** loaded after page load (may need re-scan)

Delivery Options

[Back to TOC](#)

When you view scan results, you'll see multiple delivery options:

1. Hosted Agent (Overlay) - Recommended

Best for: Quick deployment, immediate compliance

-  **Fastest path** - paste snippet into <head>
-  **Zero downtime** - no code changes needed
-  **<8KB** - minimal performance impact
-  **Idempotent** - safe to load multiple times

```
<script
  src="https://api.halytic.ai/fixes/agent.js"
  data-halytic-site-id="YOUR_SITE_ID"
  crossorigin="anonymous"
  async
></script>
```

2. ZIP Bundle

Best for: Self-hosted solutions, offline deployment

- Download all files
- Self-contained package
- No external dependencies
- Offline deployment ready

3. Source Code

Best for: Permanent fixes, maintainable code

- Transform HTML directly
- Permanent solution
- Includes semantic improvements
- Requires code review

4. GitHub PR

Best for: Teams using version control

- Automated pull requests

- Code review built-in
 - Before/after verification
 - Collaboration ready
-

Testing Your Snippet

[Back to TOC](#)

Step 1: Add the Snippet

Add the snippet to your website's <head> section.

Step 2: Deploy

Deploy your website with the snippet included.

Step 3: Run a Scan

1. **Go to Dashboard** → Sites
2. **Click on your site**
3. **Click "New Scan"**
4. **Wait for results**

Step 4: Verify Fixes

-  **Check the score** (should improve)
 -  **Review issues** (should decrease)
 -  **Test manually** (keyboard navigation, screen reader)
-

Troubleshooting

[Back to TOC](#)

Issue: Fixes Not Applying

Symptoms:

- Score doesn't improve after adding snippet

- Issues remain the same
- No visible changes

Solutions:

1. Check Site ID Match

- Ensure snippet site ID matches dashboard site ID
- Don't create new sites for each scan

2. Verify Snippet Placement

- Snippet must be in <head> section
- Snippet must load before page content

3. Check Browser Console

- Open browser DevTools → Console
- Look for errors from `agent.js`
- Check network tab for API calls

4. Verify Deployment

- Ensure changes are deployed to production
- Hard refresh browser (Cmd+Shift+R)
- Check page source for snippet

Issue: Multiple Sites Created

Symptoms:

- Multiple sites with same URL in dashboard
- Confusion about which site ID to use

Solutions:

1. Delete Old Sites

- Go to Dashboard → Sites
- Delete duplicate sites
- Keep only the most recent one

2. Use Dashboard for Scans

- Don't use ADA Checker for every scan
- Use your dashboard site for all scans

3. Update Snippet

- Use the latest site ID
- Keep it consistent

Issue: Fixes Apply But Score Doesn't Improve

Possible Causes:

1. Manual Review Required

- Some fixes require manual review
- Check "Manual Review Required" section in results

2. High-Risk Changes

- Structural changes need user acknowledgment
- Check override reason requirements

3. Verification Pending

- Run verification to confirm fixes
- Click "Verify Now" button

Monitoring and Maintenance

[Back to TOC](#)

Weekly Checks

- ☐ Run a scan on your site
- ☐ Review new issues
- ☐ Apply fixes if needed
- ☐ Test with keyboard navigation
- ☐ Test with screen reader

Monthly Reviews

- ☐ Full accessibility audit
- ☐ Review all pages
- ☐ Update compliance documentation
- ☐ Check for WCAG updates
- ☐ Review legal requirements

Quarterly Updates

- ☐ Check for new WCAG standards
- ☐ Review legal requirements
- ☐ Update scanner rules
- ☐ Review compliance goals
- ☐ Update training materials



Additional Resources

[Back to TOC](#)

Documentation

- **Quick Start Guide:** /docs/QUICK_VALIDATION_CARD.md
- **Validation Plan:** /docs/PRE_LAUNCH_VALIDATION_PLAN.md
- **Launch Checklist:** /LAUNCH_READY_SUMMARY.md

External Resources

- **WCAG 2.2:** <https://www.w3.org/WAI/WCAG22/quickref/>
- **WebAIM:** <https://webaim.org/>
- **A11y Project:** <https://www.a11yproject.com/>
- **Deque University:** <https://dequeuniversity.com/>

Support

- **Accessibility Issues:** accessibility@halytic.ai
 - **Technical Support:** support@halytic.ai
 - **Sales:** sales@halytic.ai
-

Pro Tips

[Back to TOC](#)

1. Use the Dashboard

- Don't use ADA Checker for every scan
- Use your dashboard site for consistency

2. Keep Site ID Consistent

- Don't change the site ID unless necessary
- Use the same site for all scans

3. Monitor Progress

- Check scan history regularly
- Track improvements over time

4. Test Manually

- Use keyboard navigation
- Test with screen readers
- Verify color contrast

5. Stay Updated

- Monitor WCAG updates
- Review legal requirements
- Update scanner rules

Last Updated: October 18, 2025

Version: 1.0

Status: Production Ready