



Web Clinic IT GWU

IT.GWU.EDU



Reviewed by:

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Special Thanks to:
Kara Gillepsie, GWU

And very especial thanks to:
Robert Beasey, USFSP



How evaluation was done...

FIRST, AN OVERALL VIEW OF THE SITE BY MYSELF, RESPONDING ONLY TO VISUAL CUES. THEN I TABBED THROUGH THE SITE TO SEE IF I COULD REACH ALL AREAS BY KEYBOARD ONLY. I ASKED MYSELF IF THE CONTENT AND THE TERMINOLOGY MADE SENSE TO A NEWCOMER. FINALLY, I USED SOME DEVELOPER TOOLS TO EVALUATE THE SITE.

NEXT, I ASKED ROBERT TO COME IN AND EVALUATE THE SITE.....

THERE WAS A STRONG MATCH IN OUR ASSESSMENT, AND THE ABILITY TO SEE THE SITE THROUGH ROBERT'S EYES CAME ABOUT FOR ONLY ONE REASON: I WORKED WITH HIM ON A REGULAR BASIS.

The Bottom Line: Involve testers with disabilities on a regular basis.



Awesome Site!

MUCH MORE “RIGHT” THAN “WRONG” SO KUDOS TO IT GWU!

Robert: Chat Now is hard to follow, hard to use (moving target, small print, colors too similar to background, and the lettering above the words, “Chat Now” is too small).

The screenshot displays the website for The George Washington University Division of Information Technology. At the top left is the university's logo and name. A search bar is located at the top right. A prominent blue chat bubble on the right side contains the text "an operator has become available" and "CHAT NOW?". Below the header, a banner features the text "GW WILL NEVER ASK FOR LOGINS OR OTHER CREDENTIALS." and a graphic with the text "THINK BEFORE YOU CLICK". A sidebar on the left includes a "Live Chat" button. The main content area is divided into sections: "Service Alerts" (listing a network service interruption on July 19), "Services" (with a "NEED IT HELP? SUBMIT A TICKET" button and a link for business needs), and "Scheduled Maintenance" (listing network upgrades on July 19 and 21). A "I need help with..." section offers links for password/PIN resets and email changes. At the bottom, there are icons for "Accounts", "Email & Calendar", and "Network & Connectivity", along with a "Tweets" section.

THE GEORGE WASHINGTON UNIVERSITY
WASHINGTON, DC

SEARCH

an operator has become available
CHAT NOW?

DIVISION OF INFORMATION TECHNOLOGY

GW WILL **NEVER** ASK FOR LOGINS OR OTHER CREDENTIALS.

THINK BEFORE YOU CLICK

Forward suspicious messages to abuse@gwu.edu

SERVICES SECURITY SUPPORT SYSTEM STATUS ABOUT US

Service Alerts

July 19 Tuesday
Wired Network Service Interruption at 2125 G St. & Monroe Hall 7:30am

Services

NEED IT HELP? SUBMIT A TICKET

HAVE A BUSINESS NEED FOR A NEW SERVICE?
GW faculty & staff can request a new or enhanced service

Scheduled Maintenance

July 19 Tuesday
Planned GW Network Upgrade 4:00am—7:00am

July 21 Thursday
Planned GW Network Upgrade 4:00am—7:00am

I need help with...

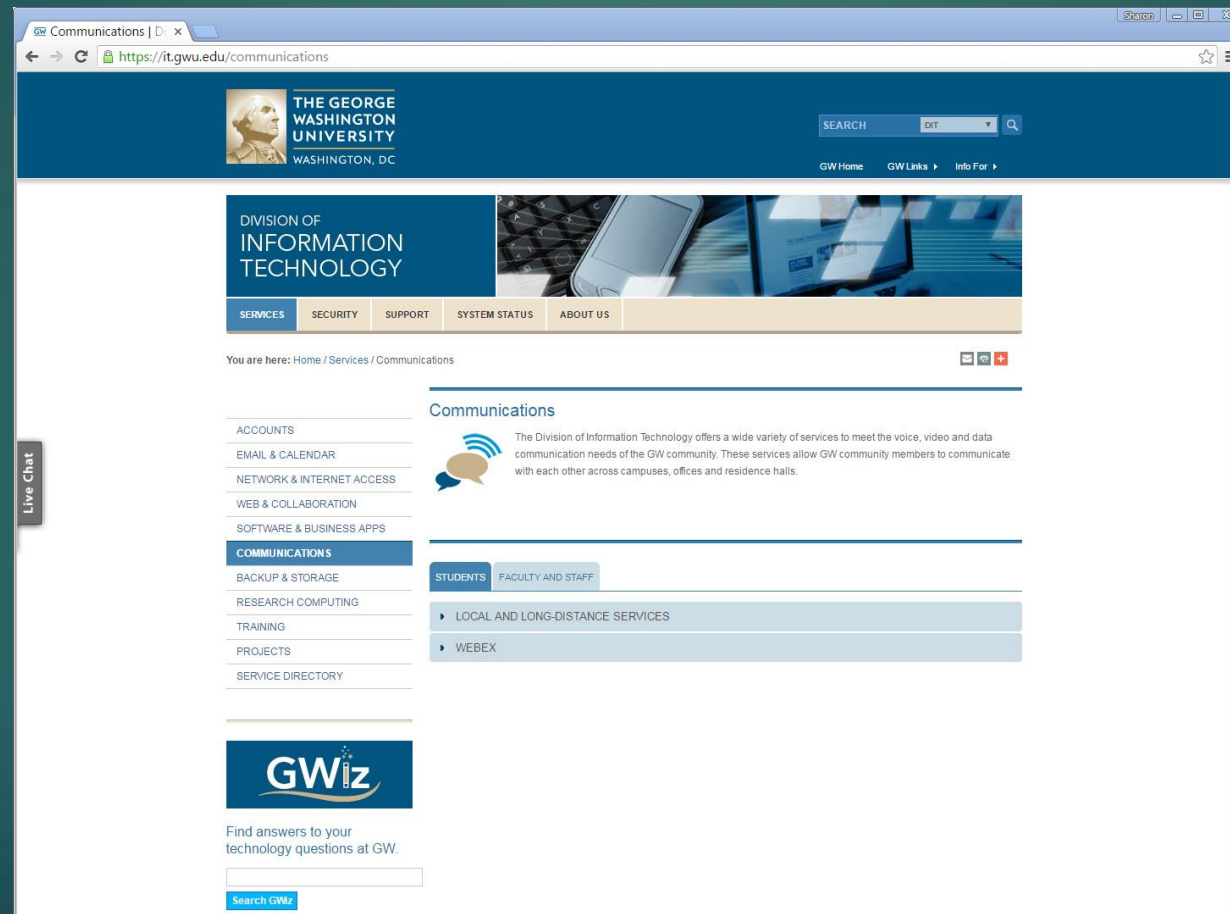
Changing my password or PIN

Reset my GWeb PIN
Change my GW email (NetID)

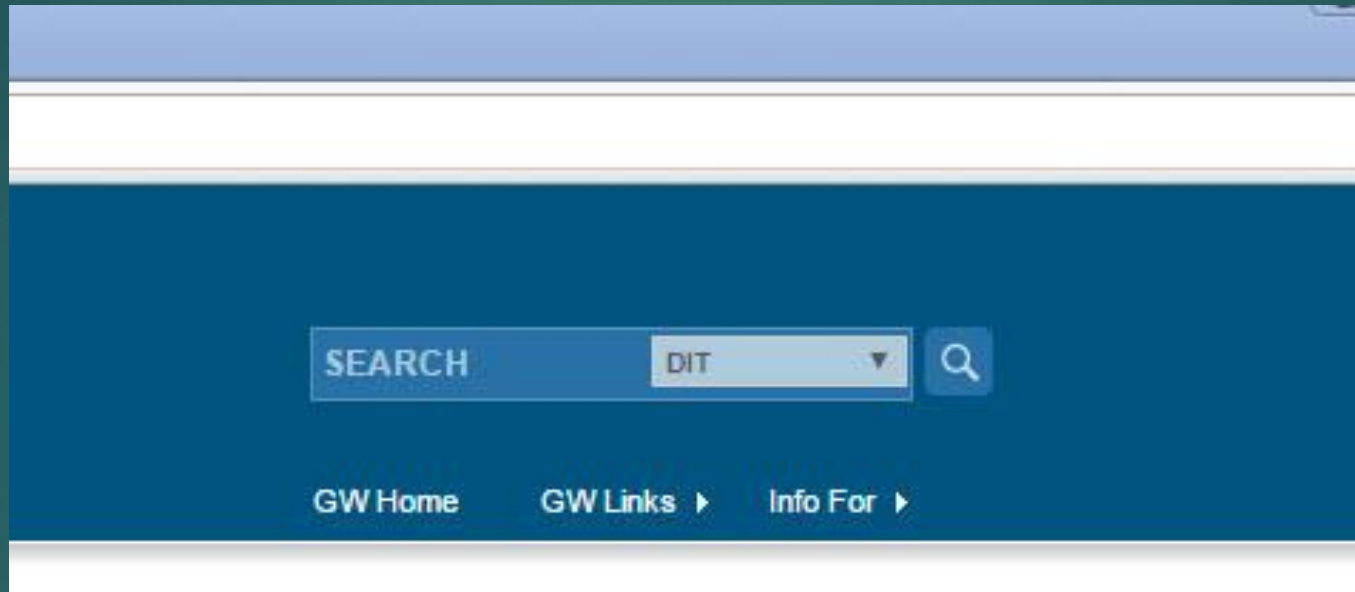
Accounts Email & Calendar Network & Connectivity

Tweets by @GWDvIT

Robert: Communications Icon seemed to be a duplicate of the “Chat Now” function, so there was a little confusion over what he supposed to do.

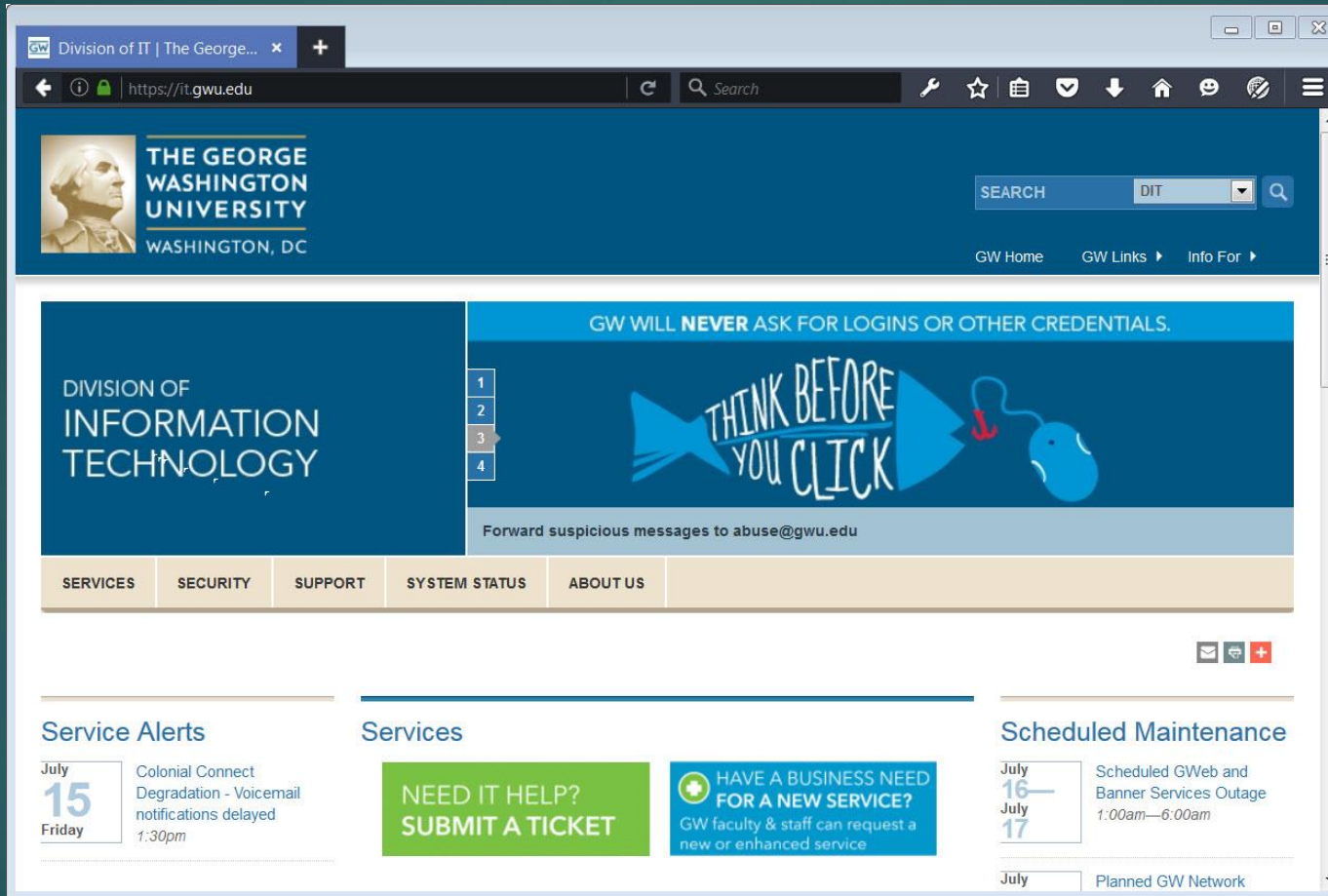


Robert: The search bar is very hard to see, and he cannot read the lettering inside the light blue portion of the search bar. When the letters were read out loud to him, the letters, “DIT” had no meaning. He also did not see the dropdown.



<https://www.cludo.com/en/blog/search-vs-navigate-people-behave-websites-search-navigate/>

Carousels are Evil....



<http://shouldiuseacarousel.com/>



Important content areas do not stand out, so in terms of “visual communication” content importance does not align with the visual hierarchy. This matters greatly for those with weak vision skills, and for general cognition.



Those with disabilities rely heavily on tabbing to navigate through a site. On this site, visual Indicators are difficult to see.

One of the elements has focus on it right now, but it is hard to tell by looking which element has focus.

Division of IT | The George... x +

https://it.gwu.edu

SEARCH DIT

GW Home GW Links Info For

THE GEORGE WASHINGTON UNIVERSITY
WASHINGTON, DC

About GW

- GW Overview
- Leadership
- Visiting Campus
- Community
- Government
- Corporations and Partners

Admissions

- Undergraduate
- Admissions
- Graduate & Professional
- Admissions
- Non-Degree
- Pre-College
- Costs & Financial Planning

Academics

- Colleges & Schools
- Undergraduate
- Graduate & Professional
- GW International
- Online Learning
- Libraries

Research

- Discoveries & Innovations
- Office of Research
- Centers & Institutes
- Facilities & Technology
- Research Training
- Faculty Expertise

University Life

- Academic Life
- Arts & Culture
- Athletics & Recreation
- Housing & Dining
- Safety & Security
- Service & Engagement
- Transportation
- University Services
- Parents

News & Events

- GW Today
- Media Room
- Events
- Follow GW

I need help with...

Changing my password or PIN

- Reset my GWeb PIN
- Change my GW email (NetID) password

Services

NEED IT HELP? SUBMIT A TICKET

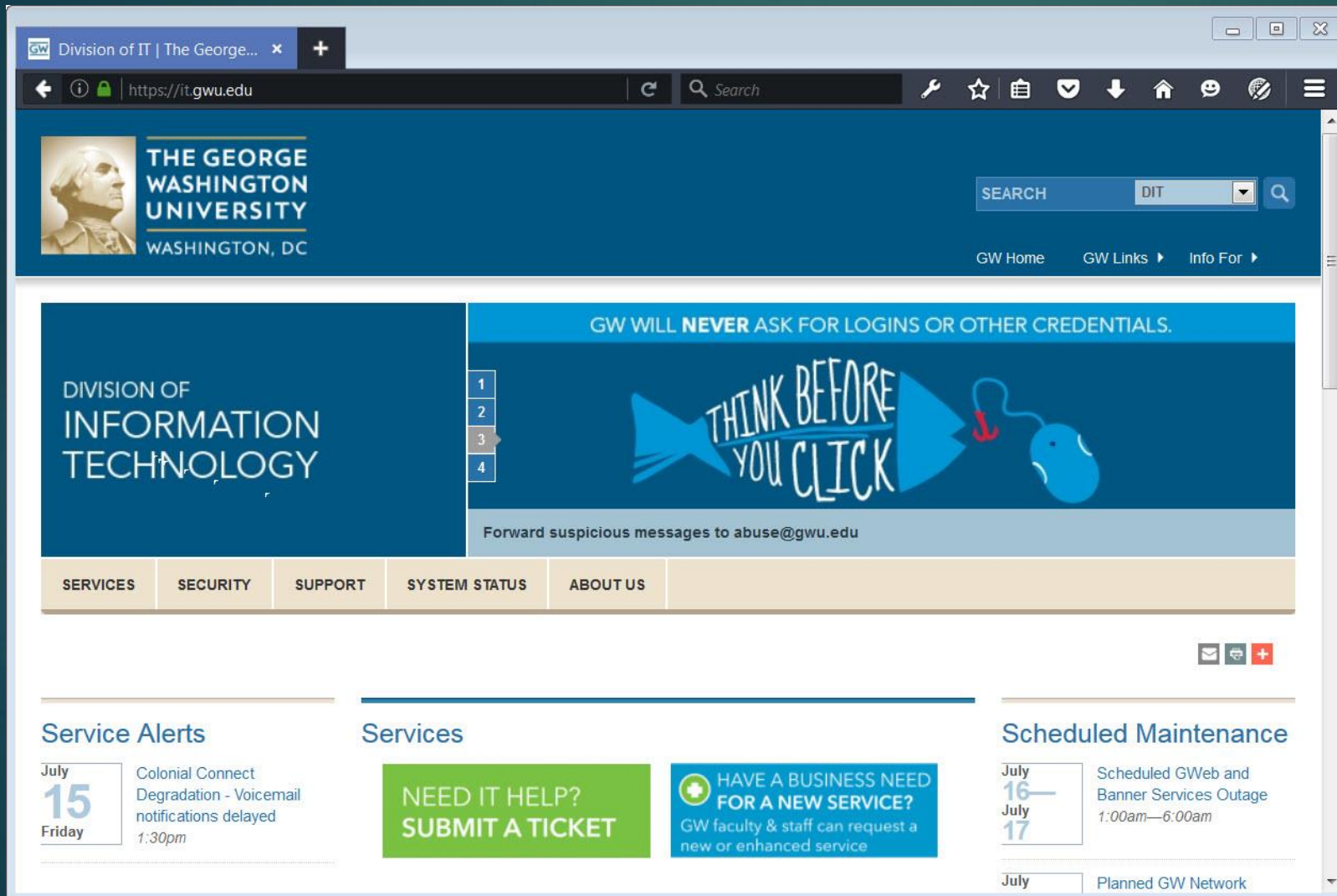
HAVE A BUSINESS NEED FOR A NEW SERVICE?
GW faculty & staff can request a new or enhanced service

Scheduled Maintenance

July 16—July 17
Scheduled GWeb and Banner Services Outage
1:00am—6:00am

July
Planned GW Network

This content must rely on the click of a mouse, or specialized knowledge of how to use a screen-reader to access.



Search is an extremely important feature on any website, not only for those with physical disabilities, but those with cognitive disabilities. This configuration is problematic on a visual level, an accessibility level, and for usability.



Use Screen Readers to test, but
always, always remember.....

YOU ARE NOT AN EXPERT...

The ONLY experts are those with disabilities who rely on the technology. If you have use of your eyes and hands, you can never be an expert without dedicated, targeted, years of study.



So why do I use screen-readers?

I AM NOT AN EXPERT...

It helps me to get a feel for how the other half lives, to test code, and to “narrow down” my questions to ask Robert on the chances I get to work with him. Time is not unlimited.




Keep in mind....

JUST BECAUSE IT PASSES A SCREEN-READER TEST
DOESN'T MAKE IT ACCESSIBLE...

Those with low-vision rely on different cues than the
linear path presented by screen-readers

About working with screen-readers, as observed by a blind developer

[Like](#) [Comment](#) | 1 6



**Bryan Garaventa** Unfortunately this is one of those things that sounds like a simple no-brainer in theory, but ends up being nearly impossible when attempting to do it in practice.

I learned this the hard way when I attempted to do this years back, finding out that it was nearly impossible to get everybody on the same page regarding what accessibility even means, how accessibility can be implemented, and so on across differing platforms and APIs, and the near impossibility of getting everybody who is contributing code to these projects to see things in the same way. Here is a list that shows how many projects would need to be worked on in order to demonstrate this:

https://en.wikipedia.org/wiki/Comparison_of_JavaScript_frameworks#Features

[Unlike](#) | You ... 2d

What would a screen reader see?



THE GEORGE WASHINGTON UNIVERSITY
WASHINGTON, DC

SEARCH


[GW Home](#) [GW Links](#) [Info For](#)

DIVISION OF
INFORMATION
TECHNOLOGY

- 1
- 2
- 3
- 4




KEEP LEARNING AT LYNDA.IT.GWU.EDU

lynda.com



Visit lynda.it.gwu.edu to access online courses

[SERVICES](#) [SECURITY](#) [SUPPORT](#) [SYSTEM STATUS](#) [ABOUT US](#)

Service Alerts

July 15 Friday
Colonial Connect Degradation - Voicemail notifications delayed 1:30pm

Services

**NEED IT HELP?
SUBMIT A TICKET**

**HAVE A BUSINESS NEED
FOR A NEW SERVICE?**
GW faculty & staff can request a new or enhanced service




Scheduled Maintenance

July 16-17
Scheduled GWeb and Banner Services Outage 1:00am—6:00am


July 19 Tuesday
Planned GW Network Upgrade 4:00am—7:00am

July 21
Planned GW Network Upgrade


I need help with...

Another screen reader...



THE GEORGE WASHINGTON UNIVERSITY
WASHINGTON, DC

help 

GW Home GW Links ▶ Info For ▶

DIVISION OF
INFORMATION
TECHNOLOGY


1

2

3




4

GW WILL **NEVER** ASK FOR LOGINS OR OTHER CREDENTIALS.



Forward suspicious messages to abuse@gwu.edu

SERVICES SECURITY SUPPORT SYSTEM STATUS ABOUT US

Service Alerts

July 15 Friday
Colonial Connect Degradation - Voicemail notifications delayed 1:30pm

Services

NEED IT HELP?
SUBMIT A TICKET

HAVE A BUSINESS NEED FOR A NEW SERVICE?
GW faculty & staff can request a new or enhanced service


Scheduled Maintenance




July 16-17
Scheduled GWeb and Banner Services Outage 1:00am—6:00am

July 19 Tuesday
Planned GW Network Upgrade 4:00am—7:00am

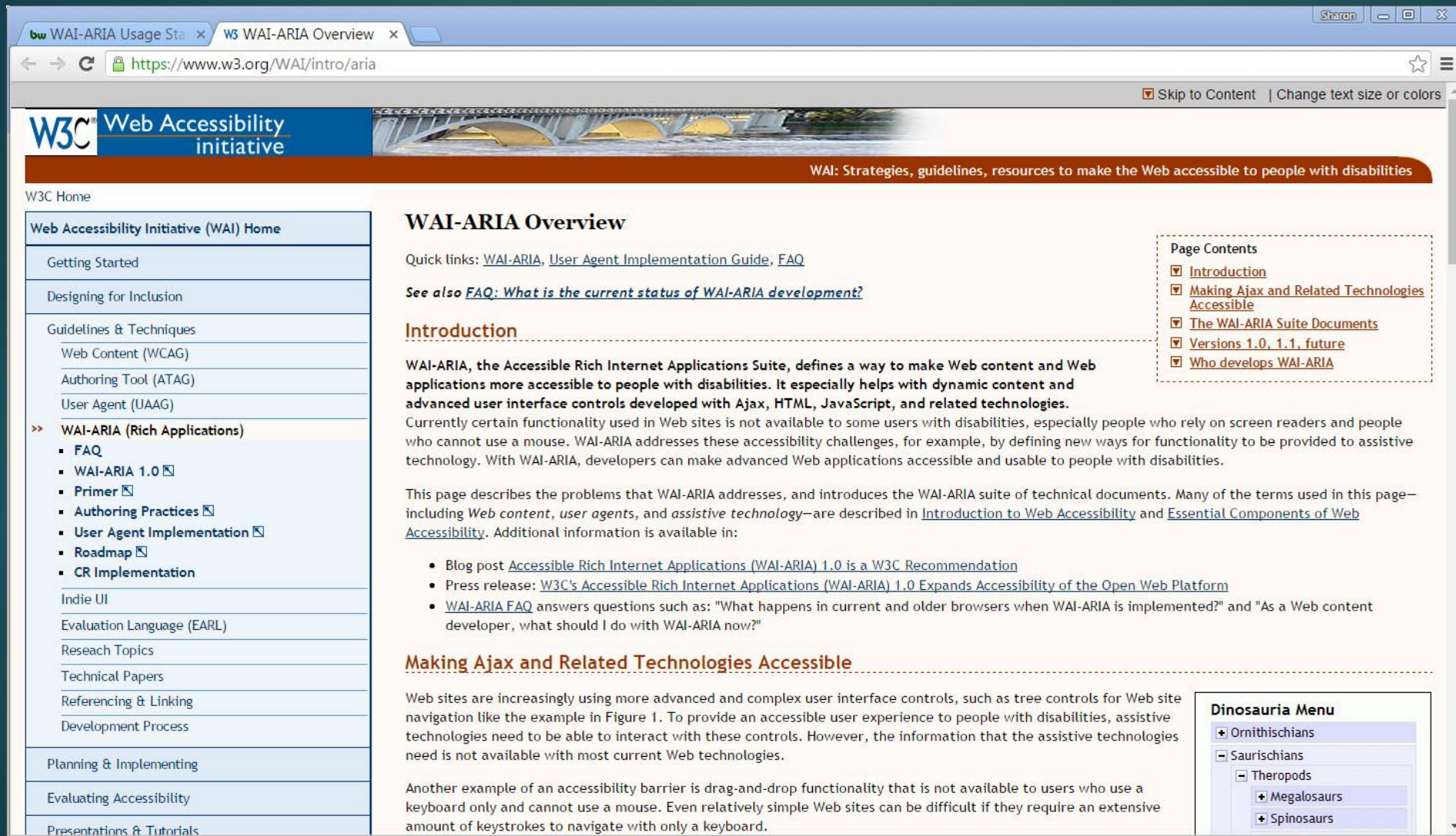
July 21
Planned GW Network Upgrade

I need help with...

Changing my password or PIN 

General Guidelines...



The screenshot shows a web browser window with two tabs: "W3C WAI-ARIA Overview" and "W3C WAI-ARIA Usage Sta...". The address bar shows the URL "https://www.w3.org/WAI/intro/aria". The page features a blue header with the W3C logo and the text "Web Accessibility initiative". Below the header is a navigation bar with the text "WAI: Strategies, guidelines, resources to make the Web accessible to people with disabilities". The main content area is titled "WAI-ARIA Overview" and includes a "Page Contents" sidebar on the right. The sidebar lists links to "Introduction", "Making Ajax and Related Technologies Accessible", "The WAI-ARIA Suite Documents", "Versions 1.0, 1.1, future", and "Who develops WAI-ARIA". The main content area contains a "Quick links" section, a "See also" section, an "Introduction" section, and a "Making Ajax and Related Technologies Accessible" section. The "Introduction" section describes WAI-ARIA as the Accessible Rich Internet Applications Suite, which defines a way to make Web content and Web applications more accessible to people with disabilities. It mentions that WAI-ARIA addresses accessibility challenges by defining new ways for functionality to be provided to assistive technology. The "Making Ajax and Related Technologies Accessible" section discusses the increasing use of advanced and complex user interface controls, such as tree controls for Web site navigation, and the need for accessible user experience for people with disabilities.

W3C Home

Web Accessibility Initiative (WAI) Home

- Getting Started
- Designing for Inclusion
- Guidelines & Techniques
 - Web Content (WCAG)
 - Authoring Tool (ATAG)
 - User Agent (UAAG)
- >> **WAI-ARIA (Rich Applications)**
 - FAQ
 - WAI-ARIA 1.0
 - Primer
 - Authoring Practices
 - User Agent Implementation
 - Roadmap
 - CR Implementation
- Indie UI
- Evaluation Language (EARL)
- Research Topics
- Technical Papers
- Referencing & Linking
- Development Process
- Planning & Implementing
- Evaluating Accessibility
- Presentations & Tutorials

WAI-ARIA Overview

Quick links: [WAI-ARIA](#), [User Agent Implementation Guide](#), [FAQ](#)

See also [FAQ: What is the current status of WAI-ARIA development?](#)

Introduction

WAI-ARIA, the Accessible Rich Internet Applications Suite, defines a way to make Web content and Web applications more accessible to people with disabilities. It especially helps with dynamic content and advanced user interface controls developed with Ajax, HTML, JavaScript, and related technologies. Currently certain functionality used in Web sites is not available to some users with disabilities, especially people who rely on screen readers and people who cannot use a mouse. WAI-ARIA addresses these accessibility challenges, for example, by defining new ways for functionality to be provided to assistive technology. With WAI-ARIA, developers can make advanced Web applications accessible and usable to people with disabilities.

This page describes the problems that WAI-ARIA addresses, and introduces the WAI-ARIA suite of technical documents. Many of the terms used in this page—including *Web content*, *user agents*, and *assistive technology*—are described in [Introduction to Web Accessibility](#) and [Essential Components of Web Accessibility](#). Additional information is available in:

- Blog post [Accessible Rich Internet Applications \(WAI-ARIA\) 1.0 is a W3C Recommendation](#)
- Press release: [W3C's Accessible Rich Internet Applications \(WAI-ARIA\) 1.0 Expands Accessibility of the Open Web Platform](#)
- [WAI-ARIA FAQ](#) answers questions such as: "What happens in current and older browsers when WAI-ARIA is implemented?" and "As a Web content developer, what should I do with WAI-ARIA now?"

Making Ajax and Related Technologies Accessible

Web sites are increasingly using more advanced and complex user interface controls, such as tree controls for Web site navigation like the example in Figure 1. To provide an accessible user experience to people with disabilities, assistive technologies need to be able to interact with these controls. However, the information that the assistive technologies need is not available with most current Web technologies.

Another example of an accessibility barrier is drag-and-drop functionality that is not available to users who use a keyboard only and cannot use a mouse. Even relatively simple Web sites can be difficult if they require an extensive amount of keystrokes to navigate with only a keyboard.

Page Contents

- ☒ [Introduction](#)
- ☒ [Making Ajax and Related Technologies Accessible](#)
- ☒ [The WAI-ARIA Suite Documents](#)
- ☒ [Versions 1.0, 1.1, future](#)
- ☒ [Who develops WAI-ARIA](#)

Dinosauria Menu

- ☒ Ornithischians
- ☒ Saurischians
 - ☒ Theropods
 - ☒ Megalosaurus
 - ☒ Spinosaurus

This page did well with screen-readers..

The screenshot shows the GWiz help page. At the top, the GWiz logo is on the left, and 'Logged into the Guest Group' and 'Welcome guest' are on the right. Below the logo is a 'Back to Home' link. The main content area is divided into three columns. The left column has a 'Did You know' section with the message 'No useful tips were found.' and a 'My Recent Views' section with five links: 'How to: Change your NetID password', 'Error: I tried to create a NetID online, but I got an error message. Why?', 'What is a NetID?', 'How to connect to the eduroam wireless network', and 'How to: Set up Outlook for GW e-mail for the first time'. Below these is a 'Search Zones' section with a checkbox for 'George Washington Univ. Guest'. The middle column contains a search bar with 'help' entered, a 'SEARCH' button, and a 'HELP' link. Below the search bar are filters: 'Reset', 'Show Advanced Search', 'Search Within Results', and 'Search All'. The 'Filter By' section has three dropdown menus: 'All Browse Categories', 'All Titles', and 'All Classifications'. The right column shows the search results, titled 'Results', with the message 'Showing 1-5 of 5 Results for "help"'. There are five results listed, each with an icon, a title, a description, and a star rating. The results are: 1. 'How to: Request Desktop and Computer Support' (pencil icon), 2. 'GWDocuments Help Guide' (document icon), 3. 'GWscan Help Documentation' (document icon), 4. 'How to get remote technology assistance with TeamViewer' (pencil icon), and 5. 'Problem: I scanned my computer with Symantec Anti-Virus and found no viruses on my computer. However, my computer is still not working correctly. What should I do?' (pencil icon).

GWiz

Logged into the Guest Group
Welcome guest

Back to Home

Did You know
No useful tips were found.

My Recent Views

- [How to: Change your NetID password](#)
- [Error: I tried to create a NetID online, but I got an error message. Why?](#)
- [What is a NetID?](#)
- [How to connect to the eduroam wireless network](#)
- [How to: Set up Outlook for GW e-mail for the first time](#)

Search Zones

☐ George Washington Univ. Guest

help

SEARCH

Reset | Show Advanced Search | Search Within Results | Search All

HELP

Filter By

All Browse Categories > All Titles > All Classifications

Results

Showing 1-5 of 5 Results for "help"

- [How to: Request Desktop and Computer Support](#) . desktop, computer, help, ticket, help ticket
- [GWDocuments Help Guide](#)
- [GWscan Help Documentation](#)
- [How to get remote technology assistance with TeamViewer](#) , remote desktop, remote help TeamViewer
- [Problem: I scanned my computer with Symantec Anti-Virus and found no viruses on my computer. However, my computer is still not working correctly. What should I do?](#) protection, help Please contact

FROM TYPING "HELP" IN LOWER SEARCH BOX

Tools to help...tenon.io

The screenshot shows the Tenon.io web accessibility testing tool interface. The browser window has two tabs: "Division of IT | The G..." and "Tenon.io". The address bar shows the URL "https://tenon.io/testNow.php?url=https://it.gwu.edu/". The Tenon.io logo is in the top left, and navigation links (BLOG, PRICING, DOCS, SERVICES, GET CODE, REGISTER, LOGIN) are in the top right. The main heading is "Simplify Your Accessibility". Below it is a text input field containing "https://it.gwu.edu/" and a "Show Options" link. A green button labeled "Analyze Your Webpage" is centered below the input field. The "Stored Test Results" section shows a share link "https://goo.gl/UU8ZTf" and a "Copy" button. It reports "67 issues found for https://it.gwu.edu/" and provides details: "Processed in 5.23sec", "Screen Size: 800w x 600h", and "Page size: 99kb". A "Download CSV" button is also present. A donut chart displays "Tests = 76" with a red segment of 11 and a green segment of 65. A chat window for the "Tenon.io Team" is open on the right, showing a message input field and a "Close" button. A small pie chart below the chat shows "17.9%". At the bottom, a file download bar shows "DEFAULT_PROJ....csv" and a "Show all downloads..." link.

Division of IT | The G... x Tenon.io x

← → ↻ 🔒 https://tenon.io/testNow.php?url=https://it.gwu.edu/ ☆ ☰

TENON BLOG PRICING DOCS SERVICES GET CODE REGISTER LOGIN ↻

Simplify Your Accessibility

1 https://it.gwu.edu/

Show Options

Analyze Your Webpage

Stored Test Results

(Show sample code)

Share Link: https://goo.gl/UU8ZTf Copy

67 issues found for
https://it.gwu.edu/

⌚ Processed in 5.23sec
Screen Size: 800w x 600h
Page size: 99kb

Download CSV 📄

Tests = 76

11 65

Tenon.io Team
Have a question? Chat with us

Send a message...

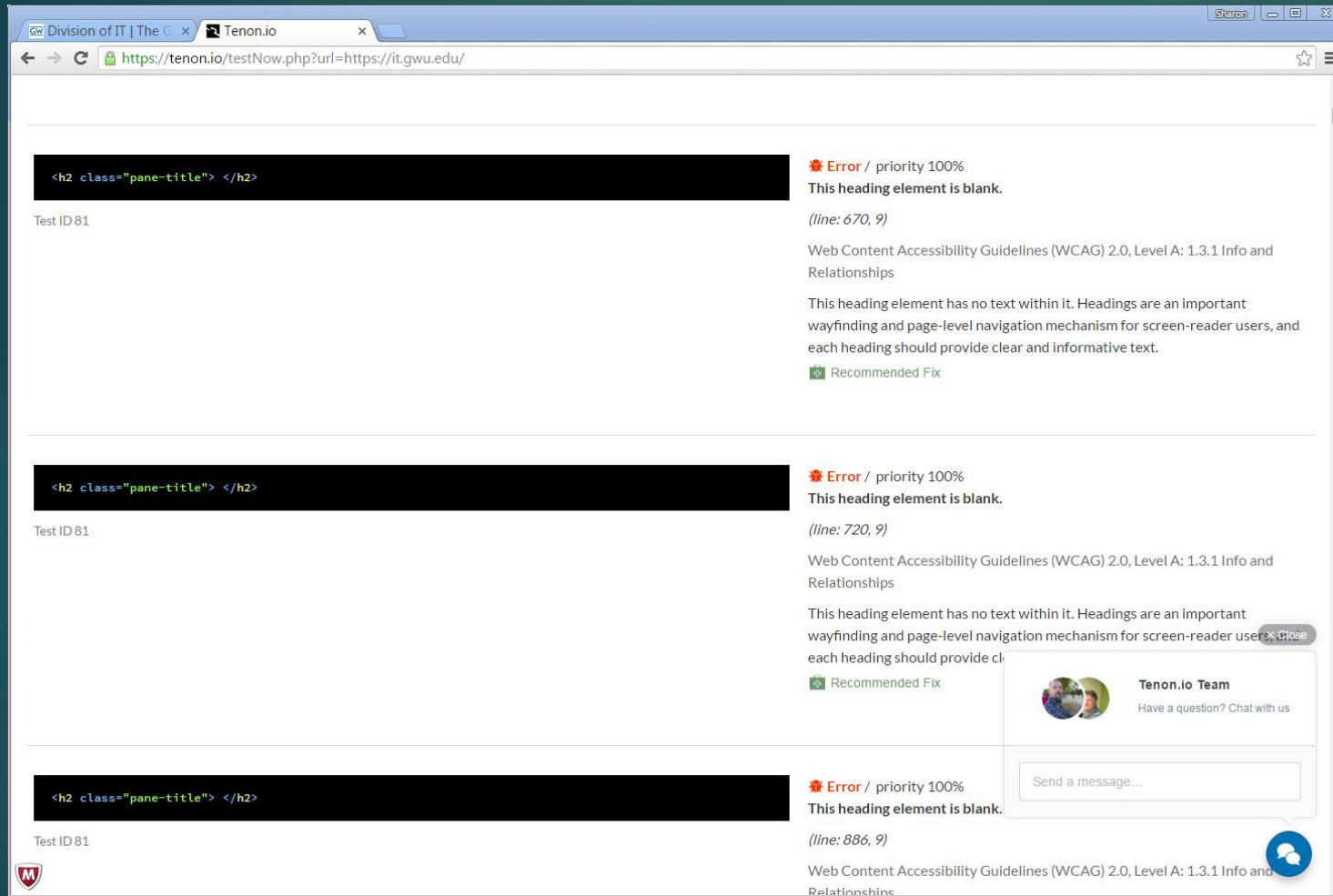
17.9%

Percentage issues per criteria for this page

📄 DEFAULT_PROJ....csv

📄 Show all downloads...

Tools to help ... tenon.io



Screen readers often navigate by headings...leaving them empty sends blind users on a wild goose chase for content.

Also, please ensure headers are in a logical order...h2 before h3, and don't use for styling.

Tools to help ... tenon.io

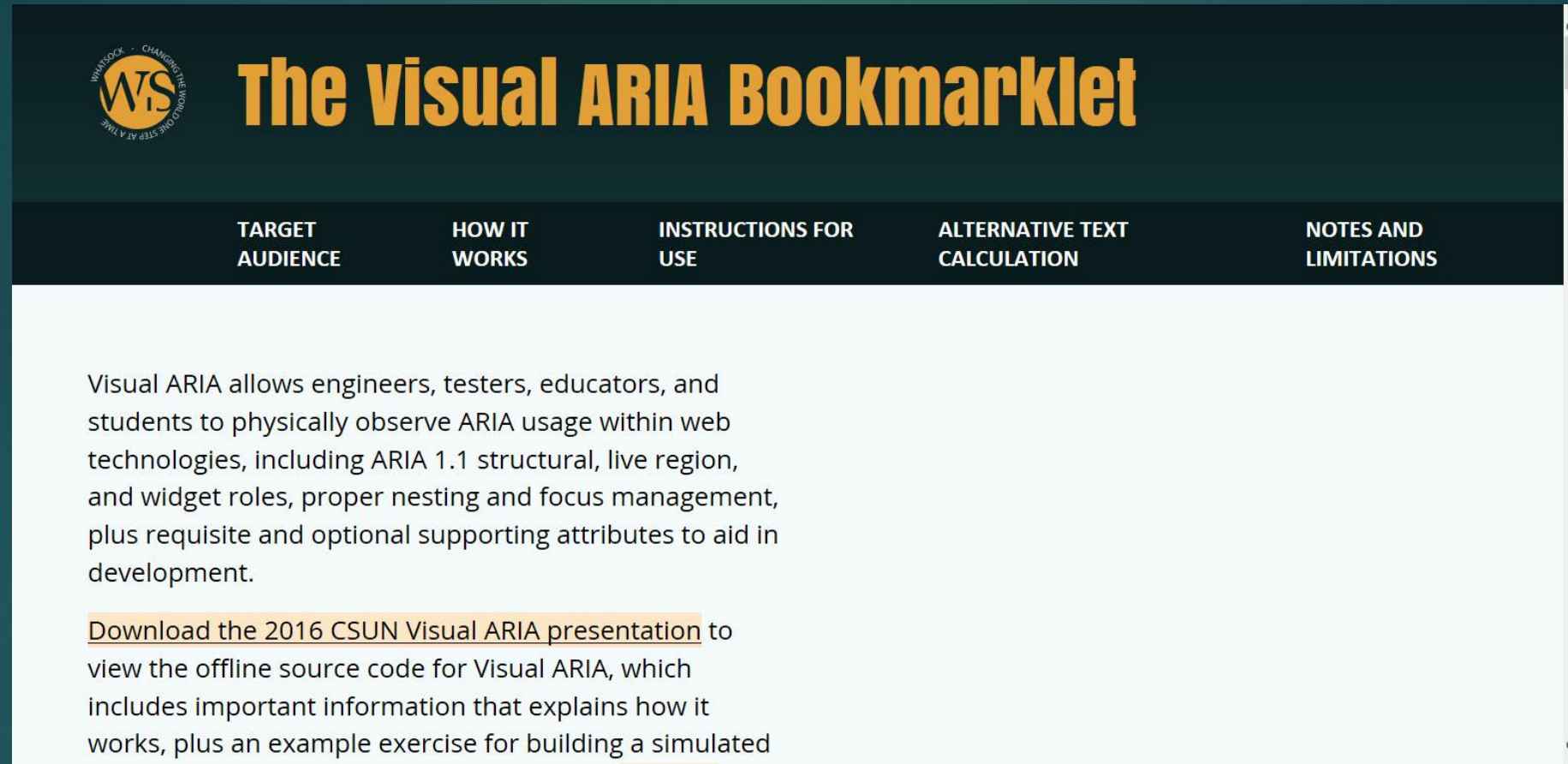
The screenshot shows the Tenon.io web accessibility testing tool interface. The browser window displays the URL `https://tenon.io/testNow.php?url=https://it.gwu.edu/`. The tool has identified three accessibility errors on the page:

- Error 1:** A heading element lacks a label. The code snippet is `<h2 class="quick-dropdown form-select">Changing my password or PIN</h2>`. The error message is "This form element has no label." (line: 558, 2). The recommended fix is to "Give all controls a label. This allows all users to understand the type of information expected in the field."
- Error 2:** A text input field lacks a label. The code snippet is `<input type="text" style="width:220px" name="QueryText" value="">`. The error message is "This form element has no label." (line: 697, 1). The recommended fix is to "Give all controls a label. This allows all users to understand the type of information expected in the field."
- Error 3:** An image has the same alt text as another image. The code snippet is ``. The error message is "Same ALT text on images with Web Content Accessibility Guidelines Content" (line: 411, 3). The recommended fix is to "This image has the same alt attribute value as another image but the images have different file names. This probably means that these images are different and that they should each have their own distinct alt attribute values."

A chat window from the Tenon.io Team is open in the bottom right corner, with a "Send a message..." input field and a "Close" button.

Support this, and all such tools, if you can. Sign up and/or donate.

Tools to Help....



The screenshot shows a web page titled "The Visual ARIA Bookmarklet". On the left is a circular logo with "WTS" in the center, "WHARFLOCK" on the top arc, and "CHANGING THE WORLD ONE STEP AT A TIME" on the bottom arc. The title "The Visual ARIA Bookmarklet" is in large orange text. Below the title is a dark navigation bar with five white links: "TARGET AUDIENCE", "HOW IT WORKS", "INSTRUCTIONS FOR USE", "ALTERNATIVE TEXT CALCULATION", and "NOTES AND LIMITATIONS". The "TARGET AUDIENCE" link is selected. The main content area is white and contains a paragraph about Visual ARIA and a link to a 2016 CSUN presentation.

The Visual ARIA Bookmarklet

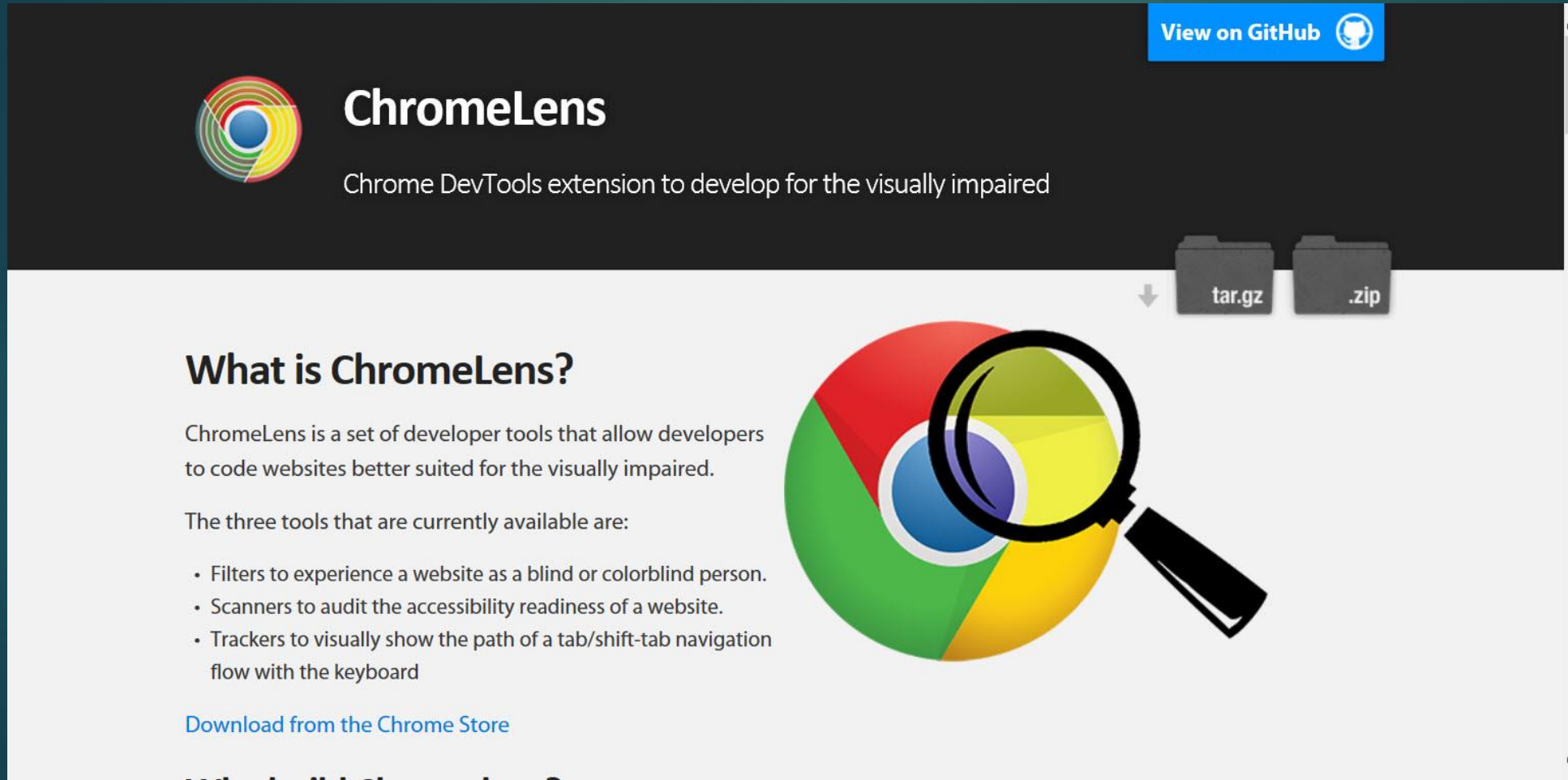
TARGET AUDIENCE

Visual ARIA allows engineers, testers, educators, and students to physically observe ARIA usage within web technologies, including ARIA 1.1 structural, live region, and widget roles, proper nesting and focus management, plus requisite and optional supporting attributes to aid in development.

[Download the 2016 CSUN Visual ARIA presentation](#) to view the offline source code for Visual ARIA, which includes important information that explains how it works, plus an example exercise for building a simulated

CAUTION WHEN USING ARIA...CAN DO MORE HARM THAN GOOD IF USED INCORRECTLY.....TEST, TEST, TEST, AND TEST SOME MORE WITH ACTUAL BLIND USERS.

Tools to help ... ChromeLens



The screenshot shows the ChromeLens extension page. At the top, there's a dark header with the ChromeLens logo (a colorful circle with a magnifying glass) and the text "ChromeLens" in white. Below the logo, it says "Chrome DevTools extension to develop for the visually impaired". To the right of the header, there's a blue button that says "View on GitHub" with a GitHub icon. Below the header, there are two download buttons: "tar.gz" and ".zip". The main content area has a white background. On the left, there's a section titled "What is ChromeLens?" with a description: "ChromeLens is a set of developer tools that allow developers to code websites better suited for the visually impaired." Below this, it says "The three tools that are currently available are:" followed by a bulleted list: "Filters to experience a website as a blind or colorblind person.", "Scanners to audit the accessibility readiness of a website.", and "Trackers to visually show the path of a tab/shift-tab navigation flow with the keyboard". At the bottom left, there's a link "Download from the Chrome Store". On the right side of the main content area, there's a large image of the ChromeLens logo, which is a colorful circle with a magnifying glass over it.

ChromeLens

Chrome DevTools extension to develop for the visually impaired

[View on GitHub](#)

[tar.gz](#) [.zip](#)

What is ChromeLens?

ChromeLens is a set of developer tools that allow developers to code websites better suited for the visually impaired.

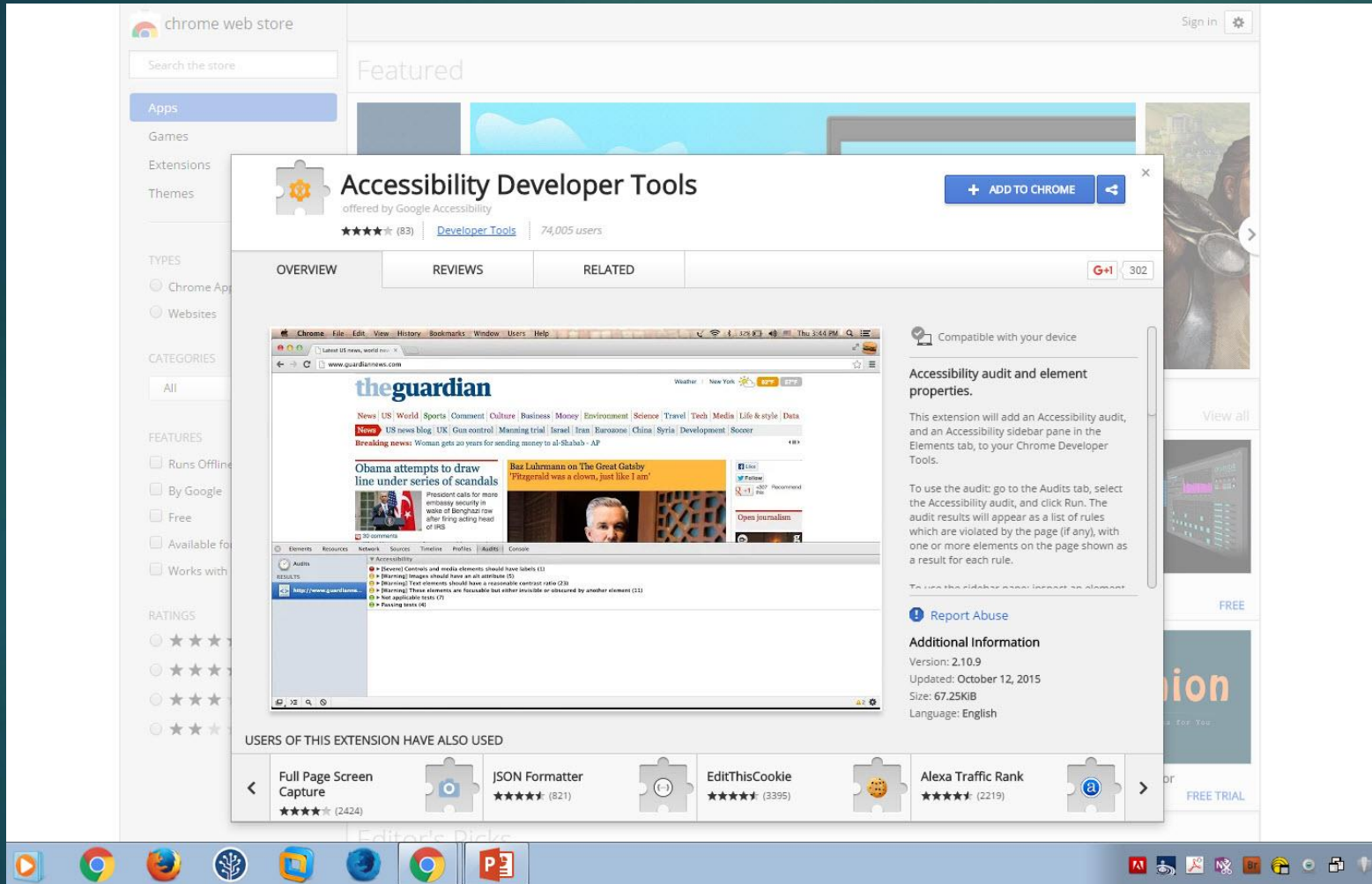
The three tools that are currently available are:

- Filters to experience a website as a blind or colorblind person.
- Scanners to audit the accessibility readiness of a website.
- Trackers to visually show the path of a tab/shift-tab navigation flow with the keyboard

[Download from the Chrome Store](#)

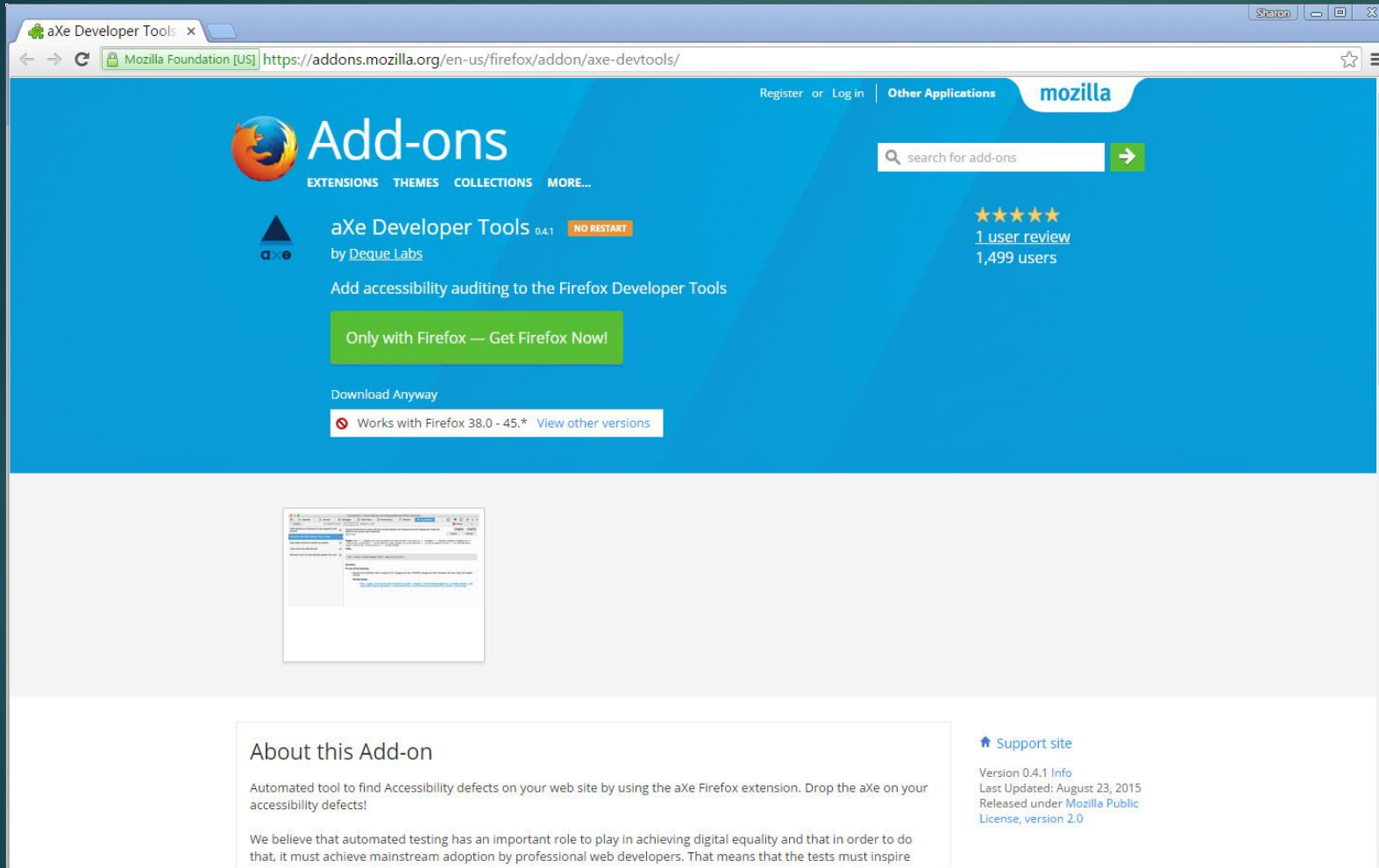
<https://chrome.google.webstore>

Tools to help Chrome Plugins



<https://chrome.google.com/webstore>

Tools to help ... Firefox



The screenshot shows a web browser window with the address bar displaying <https://addons.mozilla.org/en-us/firefox/addon/axe-devtools/>. The page features the Mozilla logo and the word "Add-ons" in large text. Below this, there are tabs for "EXTENSIONS", "THEMES", "COLLECTIONS", and "MORE...". The main content area displays the "aXe Developer Tools" add-on by Deque Labs. It includes a star rating of 5 stars, a link to "1 user review", and a count of "1,499 users". A green button labeled "Only with Firefox — Get Firefox Now!" is prominent. Below this, there is a "Download Anyway" link and a note that the add-on "Works with Firefox 38.0 - 45.*" with a link to "View other versions". A small thumbnail image shows the aXe tool interface. At the bottom, there is an "About this Add-on" section with text describing the tool's purpose and a "Support site" link.

Register or Log in | Other Applications | mozilla

Add-ons

EXTENSIONS THEMES COLLECTIONS MORE...

aXe Developer Tools 0.4.1 **NO RESTART**

by Deque Labs

Add accessibility auditing to the Firefox Developer Tools

Only with Firefox — Get Firefox Now!

Download Anyway

Works with Firefox 38.0 - 45.* [View other versions](#)

★★★★★
1 user review
1,499 users

[Support site](#)

Version 0.4.1 [Info](#)
Last Updated: August 23, 2015
Released under [Mozilla Public License, version 2.0](#)

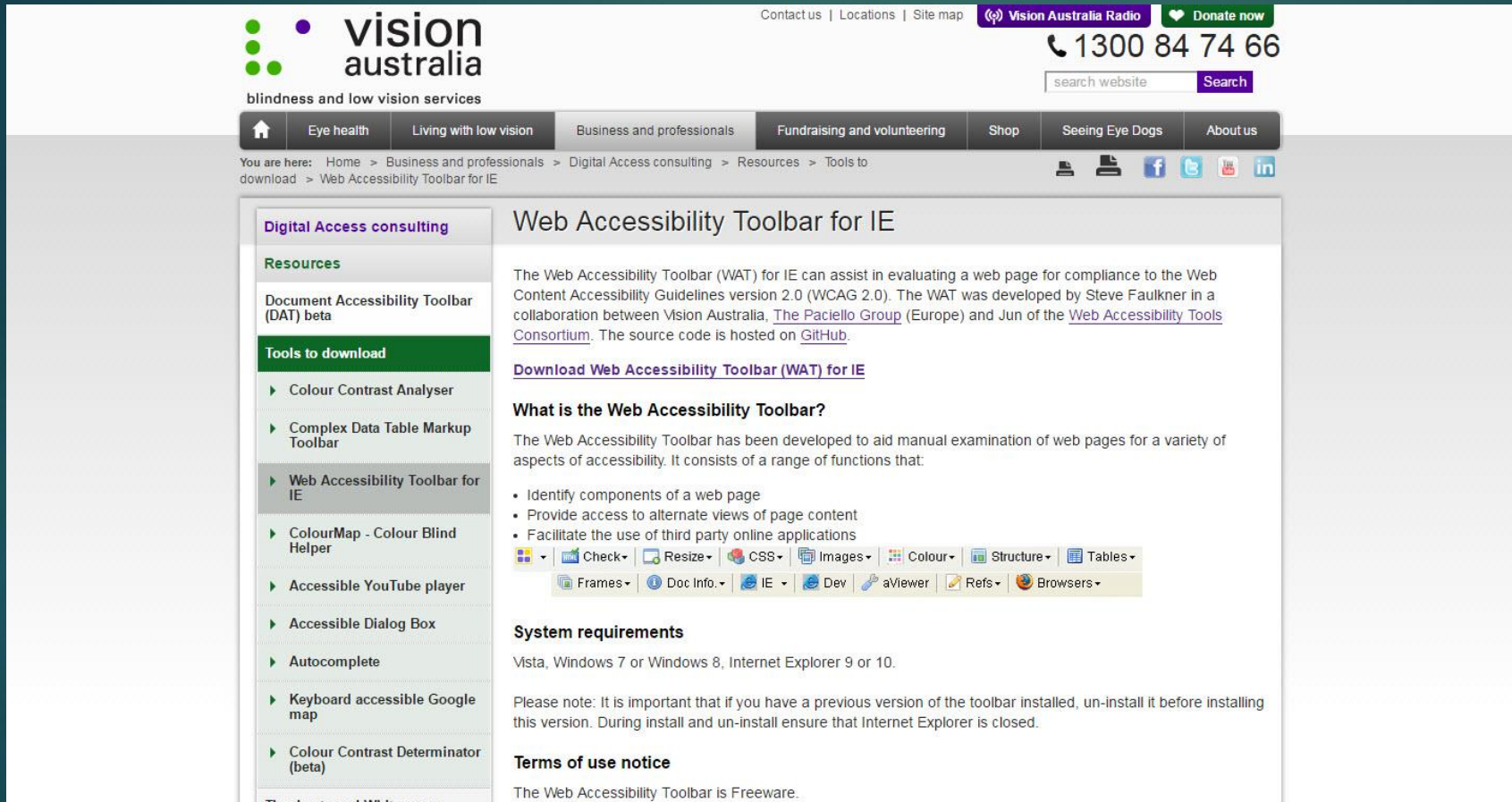
About this Add-on

Automated tool to find Accessibility defects on your web site by using the aXe Firefox extension. Drop the aXe on your accessibility defects!

We believe that automated testing has an important role to play in achieving digital equality and that in order to do that, it must achieve mainstream adoption by professional web developers. That means that the tests must inspire


<https://addons.Mozilla.org/en-us/firefox/addon/axe-devtools>

Tools to help ... IE



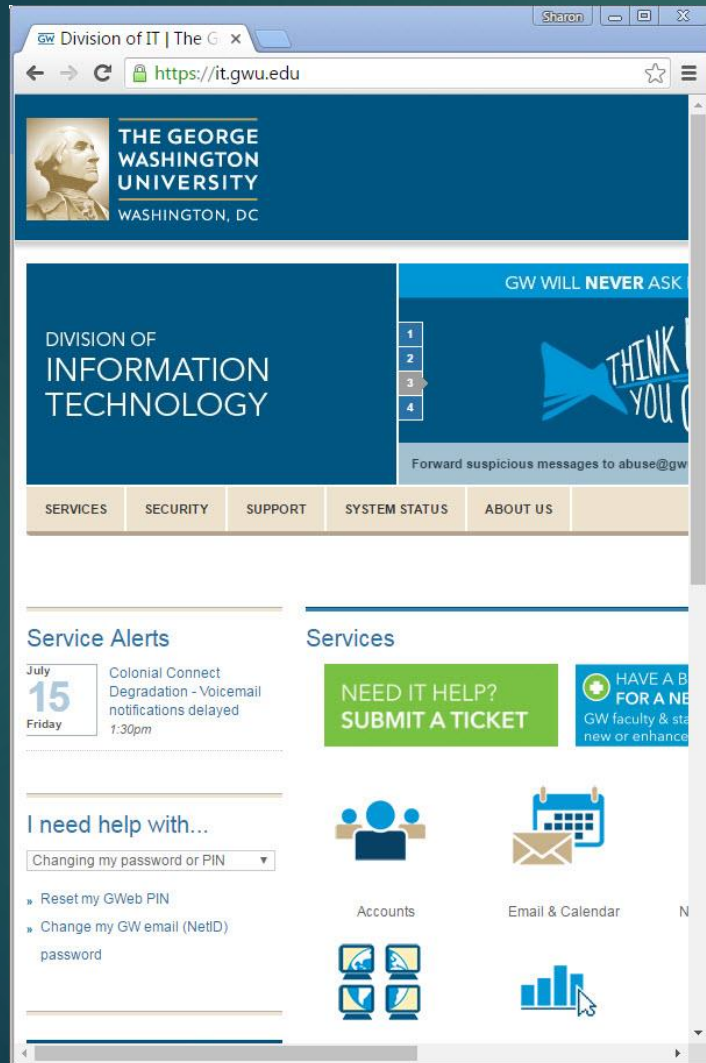
The screenshot shows the Vision Australia website with the following elements:

- Header:** Vision Australia logo, contact information (1300 84 74 66), and navigation links (Contact us, Locations, Site map, Vision Australia Radio, Donate now).
- Navigation Bar:** Home, Eye health, Living with low vision, Business and professionals, Fundraising and volunteering, Shop, Seeing Eye Dogs, About us.
- Breadcrumbs:** You are here: Home > Business and professionals > Digital Access consulting > Resources > Tools to download > Web Accessibility Toolbar for IE.
- Left Sidebar:**
 - Digital Access consulting**
 - Resources**
 - Document Accessibility Toolbar (DAT) beta
 - Tools to download**
 - Colour Contrast Analyser
 - Complex Data Table Markup Toolbar
 - Web Accessibility Toolbar for IE**
 - ColourMap - Colour Blind Helper
 - Accessible YouTube player
 - Accessible Dialog Box
 - Autocomplete
 - Keyboard accessible Google map
 - Colour Contrast Determinator (beta)
 - Tin sheets and Whitepapers
- Main Content Area:**
 - ## Web Accessibility Toolbar for IE
 - The Web Accessibility Toolbar (WAT) for IE can assist in evaluating a web page for compliance to the Web Content Accessibility Guidelines version 2.0 (WCAG 2.0). The WAT was developed by Steve Faulkner in a collaboration between Vision Australia, [The Paciello Group](#) (Europe) and Jun of the [Web Accessibility Tools Consortium](#). The source code is hosted on [GitHub](#).
 - [Download Web Accessibility Toolbar \(WAT\) for IE](#)
 - ### What is the Web Accessibility Toolbar?
 - The Web Accessibility Toolbar has been developed to aid manual examination of web pages for a variety of aspects of accessibility. It consists of a range of functions that:

 - Identify components of a web page
 - Provide access to alternate views of page content
 - Facilitate the use of third party online applications
 - 
 - ### System requirements
 - Vista, Windows 7 or Windows 8, Internet Explorer 9 or 10.
 - Please note: It is important that if you have a previous version of the toolbar installed, un-install it before installing this version. During install and un-install ensure that Internet Explorer is closed.
 - ### Terms of use notice
 - The Web Accessibility Toolbar is Freeware.

www.visionaustralia.org/digital-access-wat

Usability is a kind of accessibility too.



At a minimum, sites need to be mobile friendly. A narrow screen hides the search box on this site, creating problems for individuals with certain disabilities.

Article in 2015: Mobile Searches Surpass Desktop Searches At Google For The First Time

<https://techcrunch.com/2015/10/08/mobile-searches-surpass-desktop-searches-at-google-for-the-first-time/>

What this means.....

CAN'T RELY ON CLICK EVENTS ALONE...

SMALL FILE SIZES.....GIGANTIC IMAGES, OR RESOURCE-INTENSIVE
PROCESSES MAY EFFECTIVELY PREVENT SOME OF YOUR USERS FROM
ACCESSING CONTENT



Questions?

THANK YOU!