

PŘÍSTUPNOST V PROSTŘEDÍ ÚŘADU – PRAKTICKÉ UKÁZKY TESTOVÁNÍ

ISSS

ISSS 2018

Program

Registrace

Informace

Spolupráce

Kontakt



A photograph of a conference stage. A large screen in the center displays the conference title 'ISSS/V4DIS' and the dates '9.-10. dubna 2018'. The screen also shows logos for 'ČESKÁ spořitelna' and various sponsors like 'AtoS', 'ICZ', and 'VITA'. The stage is lit with spotlights, and an audience is visible in the foreground.

21. ročník konference ISSS

9.–10. dubna 2018, Hradec Králové, Kongresové centrum Aldis

A vertical poster for the ISSS conference. It features a colorful abstract design with yellow, blue, and purple shapes. The text on the poster reads: 'ISSS', '9.–10. dubna 2018', and 'Kongresové centrum Aldis, Hradec Králové'.

Generální partner

ČESKÁ 
společnost

 Program

 Fotogalerie

 Sborník

RADEK PAVLÍČEK, STŘEDISKO TEIRESIÁS MASARYKOVY UNIVERZITY

**PŘÍSTUPNÝ WEB, APLIKACE
ČI DOKUMENT SE SNÁZE
POUŽÍVÁ I BĚŽNÝM
NÁVŠTĚVNÍKŮM**

CESTA K PŘÍSTUPNÉMU WEBU ÚŘADU

ZNALOSTI

NÁSTROJE

NADŠENÍ PRO
VĚC

**PERSONÁLNÍ
I FINANČNÍ
ZDROJE**

ZNALOSTI

MATERIÁLY NA WEBU

W3C Home

**Web Accessibility Initiative (WAI)
Home**[Getting Started](#)[Designing for Inclusion](#)[Guidelines & Techniques](#)[Planning & Implementing](#)[Evaluating Accessibility](#)[Presentations & Tutorials](#)[Getting Involved with WAI](#)

Discover new resources for people with disabilities, policy makers, managers, and you!

अनुवाद Translations

"The power of the Web is in its universality. Access by everyone regardless of disability is an essential aspect."

-- [Tim Berners-Lee](#), W3C Director and inventor of the World Wide

Web Accessibility Initiative (WAI)

Highlights

For Review: ATAG Last Call Working Draft updated

The Authoring Tool Accessibility Guidelines [ATAG 2.0](#) Working Draft is updated based on public comments and clarifications identified while developing tests for ATAG. The updates, which include [3 substantive changes](#), are available for review through **1 October 2013**. The ATAG Working Group has prepared a test suite and preliminary data on ATAG 2.0 implementations, and is looking for people interested in coordinating with the Group to help test specific authoring tools for conformance to ATAG 2.0. (2013-Sept-10)

WCAG2ICT Note: Guidance on Applying WCAG 2.0 to Non-Web ICT

WAI is pleased to announce publication of the completed [Guidance on Applying WCAG 2.0 to Non-Web Information and Communications Technologies \(WCAG2ICT\)](#) as an informative W3C Working Group Note. WCAG2ICT provides guidance on the interpretation and application of WCAG 2.0 to non-web documents and software. It is the result of a collaborative effort to support harmonized accessibility solutions across a range of technologies. Learn more from the [WCAG2ICT Overview](#). (2013-Sept-05)

WAI develops...

- guidelines widely regarded as the international standard for Web accessibility
- support materials to help understand and implement Web accessibility
- resources, through international collaboration

WAI welcomes...

- participation from around the world
- volunteers to review, implement, and promote guidelines
- dedicated participants in working groups

Announcements

- [Web Accessibility Specialist position open](#), based in Europe
- [WAI-ACT Project](#)
- [Get WAI Announcements](#)

Events, Meetings, Presentations

- EOWG face-to-face meeting in conjunction with [W3C TPAC](#) 11-15 November in Shenzhen, China

[[WAI Presentations](#)]

[[Past WAI Events](#)]



Web Content Accessibility Guidelines (WCAG) 2.0

W3C Recommendation

This version:

<http://www.w3.org/TR/2008/REC-WCAG20-20081211/>

Latest version:

<http://www.w3.org/TR/WCAG20/>

Previous version:

<http://www.w3.org/TR/2008/PR-WCAG20-20081103/>

Editors:

Ben Caldwell, Trace R&D Center, University of Wisconsin-Madison

Michael Cooper, W3C

Loretta Guarino Reid, Google, Inc.

Gregg Vanderheiden, Trace R&D Center, University of Wisconsin-Madison

Previous Editors:

Wendy Chisholm (until July 2006 while at W3C)

John Slatin (until June 2006 while at Accessibility Institute, University of Texas at Austin)

Jason White (until June 2005 while at University of Melbourne)

Web Content Accessibility Guidelines (WCAG) 2.1



W3C Candidate Recommendation 30 January 2018

This version:

<https://www.w3.org/TR/2018/CR-WCAG21-20180130/>

Latest published version:

<https://www.w3.org/TR/WCAG21/>

Latest editor's draft:

<https://w3c.github.io/wcag21/guidelines/>

Implementation report:

<https://www.w3.org/WAI/WCAG21/implementation-report/>

Previous version:

<https://www.w3.org/TR/2017/WD-WCAG21-20171207/>

Latest Recommendation:

<https://www.w3.org/TR/WCAG20/>

Editors:

[Andrew Kirkpatrick](#), Adobe, akirkpat@adobe.com

[Joshue O Connor](#), Invited Expert, InterAccess, josh@interaccess.ie

[Michael Cooper](#), W3C, cooper@w3.org

WCAG 2.0 Editors:





Techniques for WCAG 2.0

Techniques and Failures for Web Content Accessibility Guidelines 2.0

W3C Working Group Note 3 January 2012

This version:

<http://www.w3.org/TR/2012/NOTE-WCAG20-TECHS-20120103/>

Latest version:

<http://www.w3.org/TR/WCAG20-TECHS/>

Previous version:

<http://www.w3.org/TR/2010/NOTE-WCAG20-TECHS-20101014/>

Editors:

Michael Cooper, W3C

Loretta Guarino Reid, Google, Inc.

Gregg Vanderheiden, Trace R&D Center, University of Wisconsin-Madison

Previous Editors:

Ben Caldwell (until September 2010 while at Trace R&D Center, University of Wisconsin-Madison)

Wendy Chisholm (until July 2006 while at W3C)

John Slatin (until June 2006 while at Accessibility Institute, University of Texas at Austin)

Accessible Rich Internet Applications (WAI-ARIA) 1.1



W3C Recommendation 14 December 2017

This version:

<https://www.w3.org/TR/2017/REC-wai-aria-1.1-20171214/>

Latest published version:

<https://www.w3.org/TR/wai-aria-1.1/>

Latest editor's draft:

<https://w3c.github.io/aria/>

Implementation report:

<https://w3c.github.io/test-results/wai-aria/>

Previous version:

<https://www.w3.org/TR/2017/PR-wai-aria-1.1-20171102/>

Previous Recommendation:

<https://www.w3.org/TR/wai-aria-1.0/>

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[James Craig](#), Apple Inc., jcraig@apple.com (until May 2016)

Please check the [errata](#) for any errors or issues reported since publication.



[Introduction to Web Accessibility](#)[WebAIM Training](#)

Articles

[Home](#) > [Articles](#)

The User's Perspective



- [Introduction to Web Accessibility](#)
- [Constructing a POUR \(Perceivable, Operable, Understandable, Robust\) Website](#)
- [Disability Types](#)
 - [Visual](#)
 - [Auditory](#)
 - [Motor](#)
 - [Cognitive](#)
 - [Seizure](#)
- [Design Considerations](#)
- [Considering the User Perspective: A Summary of Design Issues](#)

HTML Accessibility



- [Content and Structure](#)
 - [Semantic Structure](#)
 - [Designing for Screen Reader Compatibility](#)
 - [Links & Hypertext](#)
 - [Site Searches, Indexes, and Site Maps](#)
 - ["Skip Navigation" Links](#)

BBC Future Media Standards and Guidelines

BBC Guidelines

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Accessibility Standards and Guidelines

The [BBC HTML Accessibility Standards](#) and [BBC Mobile Accessibility Standards and Guidelines](#) outline the requirements and recommendations necessary for ensuring the BBC's digital products are accessible to the widest possible audience.

They cover the technical aspects of accessibility and some user experience guidelines where these cross-over with technical implementation. Specific user experience guidelines are included in the [BBC Global Experience Language](#).

BBC Accessibility Standards and Guidelines not only cover technology agnostic best practices recommended for the development of BBC's web content but they also include guidance and techniques developed specifically for hybrid and native applications on mobile platforms. Each web or mobile platform standard or guideline is listed with example code for implementing in HTML, Android, and iOS which is accompanied by recommended steps for testing.

These standards and guidelines were developed specifically for UK audiences and for use with technology commonly available in the UK. They are intended for use by BBC employees and suppliers when developing BBC digital products however they can be referenced by anyone involved in the design and development of digital products or services.

Using the standards and guidelines

You can use and re-use the the BBC Accessibility Standards and Guidelines under an Open Government Licence for Public Sector Information.

Accessibility

One of Android's missions is to organize the world's information and make it universally accessible and useful. Accessibility is the measure of how successfully a product can be used by people with varying abilities. Our mission applies to all users—including people with disabilities such as visual impairment, color deficiency, hearing loss, and limited dexterity.



DEVELOPER DOCS
[Implementing Accessibility](#)

Universal design is the practice of making products that are inherently accessible to all users, regardless of ability. The Android design patterns were created in accordance with universal design principles, and following them will help your app meet basic usability standards. Adhering to universal design and enabling Android's accessibility tools will make your app as accessible as possible.

Robust support for accessibility will increase your app's user base. It may also be required for adoption by some organizations.

[Learn more about Google and accessibility.](#)

Android's Accessibility Tools

Android includes several features that support access for users with visual impairments; they don't require drastic visual changes to your app.

- **TalkBack** is a pre-installed screen reader service provided by Google. It uses spoken feedback to describe the results of actions such as launching an app, and events such as notifications.
- **Explore by Touch** is a system feature that works with TalkBack, allowing you to touch your device's screen and hear what's under your finger via spoken feedback. This feature is helpful to users with low vision.
- **Accessibility settings** let you modify your device's display and sound options, such as increasing the text size, changing the speed at which text is spoken, and more.

Some users use hardware or software directional controllers (such as a D-pad, trackball, keyboard) to jump from selection to selection on a screen. They interact with the structure of your app in a linear fashion, similar to 4-way remote control



Accessibility for Developers

[Overview](#)

[iOS](#)

[OS X](#)



WWW.IHENI.COM/MOBILE-ACCESSIBILITY-GUIDELINES

General

The guidelines below either directly or indirectly relate to making mobile websites, and applications accessible.

- **Mobile Accessibility: How WCAG 2.0 and Other W3C/WAI Guidelines Apply to Mobile** – this includes a break down of issues and requirements for mobile as well as links to techniques that are currently being written by the working group.
- **BBC Mobile Accessibility Guidelines** – a set of technology agnostic best practices for mobile web content, hybrid and native apps (Disclaimer: I was lead editor)
- **Mobile Web Best Practices 1.0** – best practices for mobile web design and development
- **Web Content Accessibility Guidelines 2.0** – the definitive set of guidelines for building accessible content from the W3C's Web Accessibility Initiative
- **Relationship between Mobile Web Best Practices and the Web Content Accessibility Guidelines** – published by the W3C Web Accessibility Initiative this document highlights the cross over between the two sets of guidelines based on the barriers of disabled users experience on the web and limitations of mobile
- **Barriers Common to Mobile Device Users and People with Disabilities** – useful background information as to who is affected and how
- **Widget Accessibility Best Practices** – written by Steve Lee these look at building standards compliant cross platform widgets that are accessible.
- **Mobile Website Guidelines** – published by the University of Austin.
- **Funka Mobile Accessibility Guidelines** – published by Funka Nu
- **Mobile Accessibility Checklist** – Mozilla Developer Network

MOOC

FREE COURSE

Web Accessibility by Google

FREE ONLINE COURSE

Digital Accessibility: Enabling Participation in the Information Society

With a better understanding of users' needs, technologies can be developed to be accessible & provide a more inclusive environment

Information and Communication Technology (ICT) Accessibility

Learn how to identify issues and design solutions for information and communication technology (ICT) accessibility for customers and employees with disabilities.



ŠKOLENÍ



SuperKoděři

@SuperKoderi

Following



Včera jsme měli super školení od [@cjneti](#) a [@radlicek](#) na téma přístupného webu! Borci moc děkujem - byl to zážitek

Translate from Czech



KNIHY

NTK

14.9.2017, 14.00-16.00
Národní institut pro technickou kulturu
Národní ústav pro technickou kulturu

Web knihovny jako nástroj k propagaci služeb a informací

Motto knihovny: Služba bezúplatně zdarma, Technická 6, 160 00 Praha 6

Událost: Cyfrování záznamů NTK / ZMP
Datum: 9. ún. 16. 16. 2017 (10:00 - 16:00 hod.)

Program:

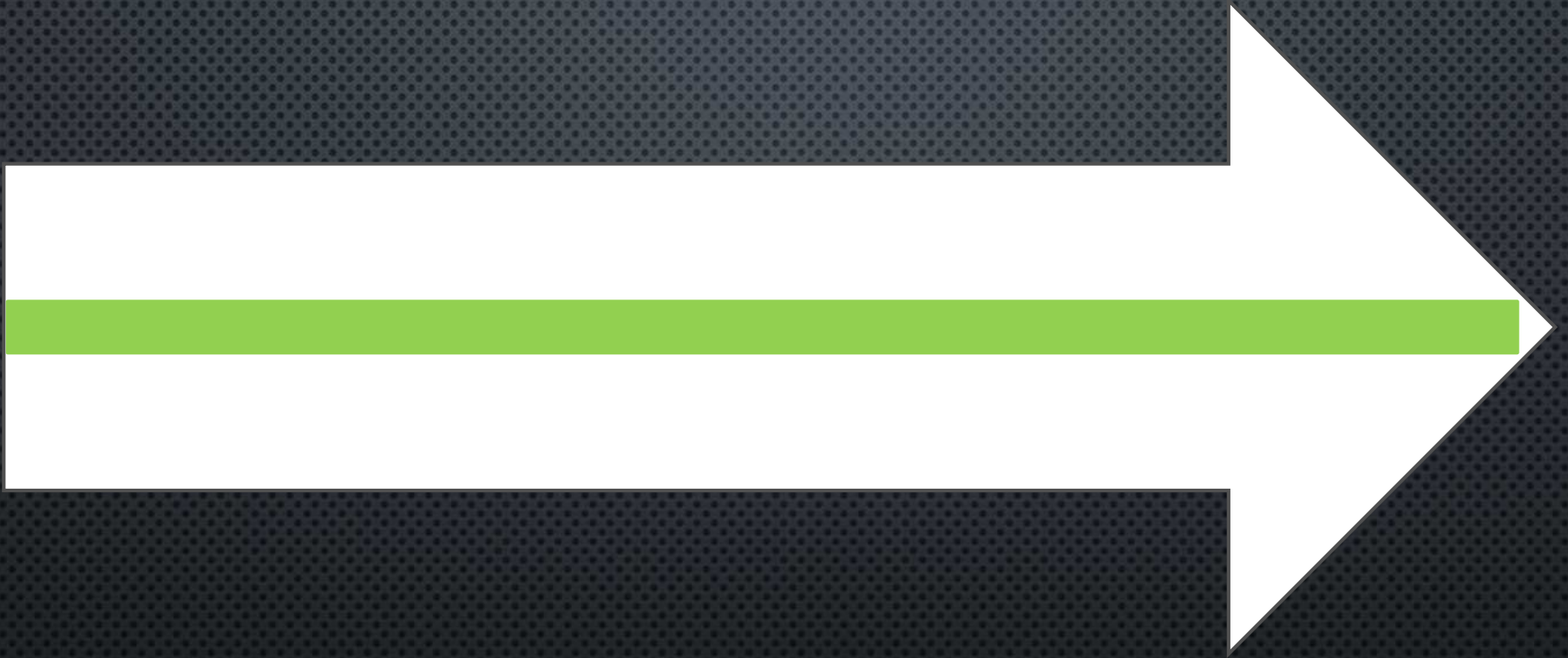
10:00 - 10:30 Registrace
10:30 - 11:00 Úvodní slovo
11:00 - 11:30 Prezentace knihovny NTK
11:30 - 12:00 Oběd
12:00 - 13:00 Prezentace knihovny ZMP
13:00 - 14:00 Diskuse



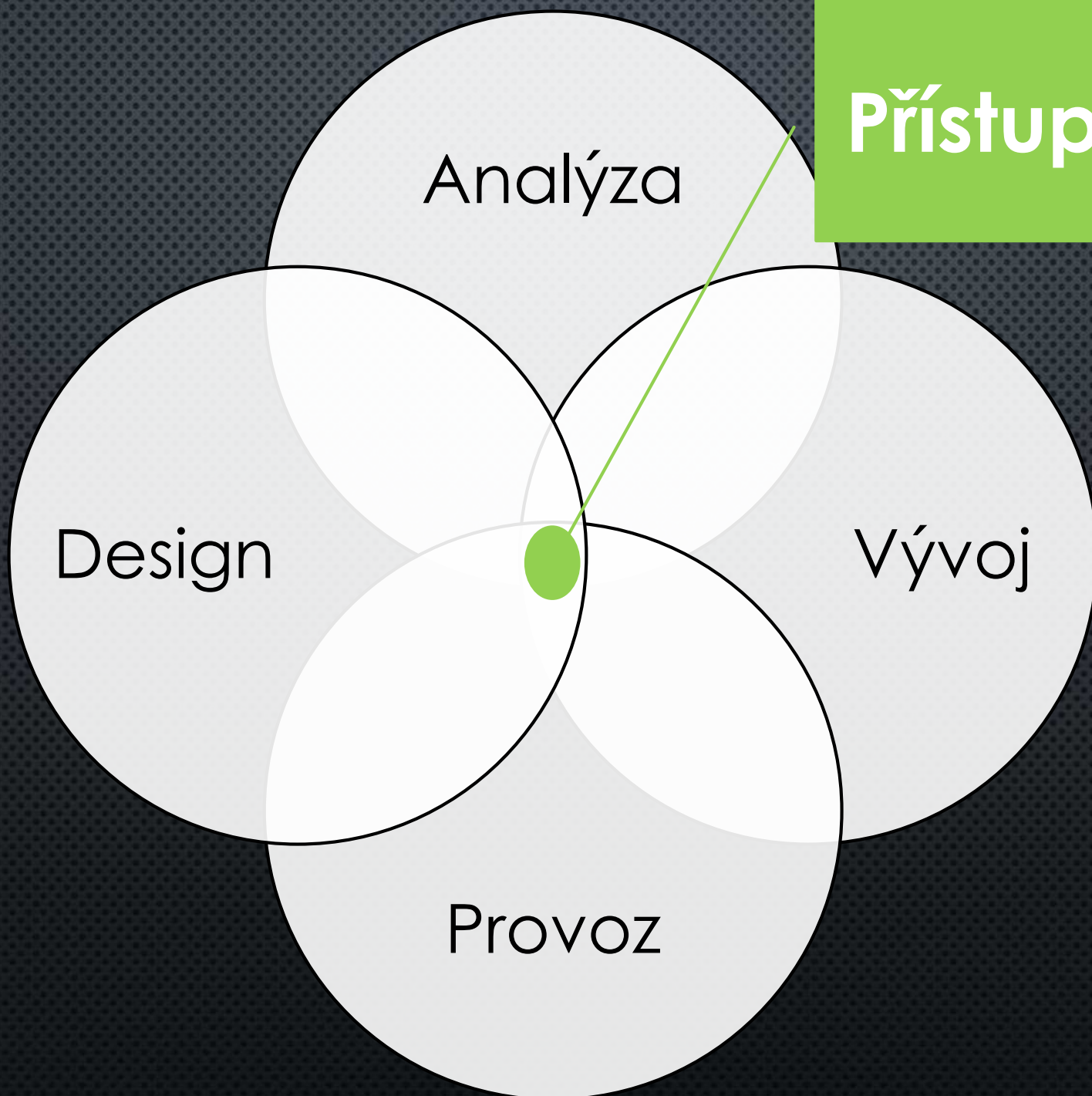
**KDY A JAK
ZAČÍT**

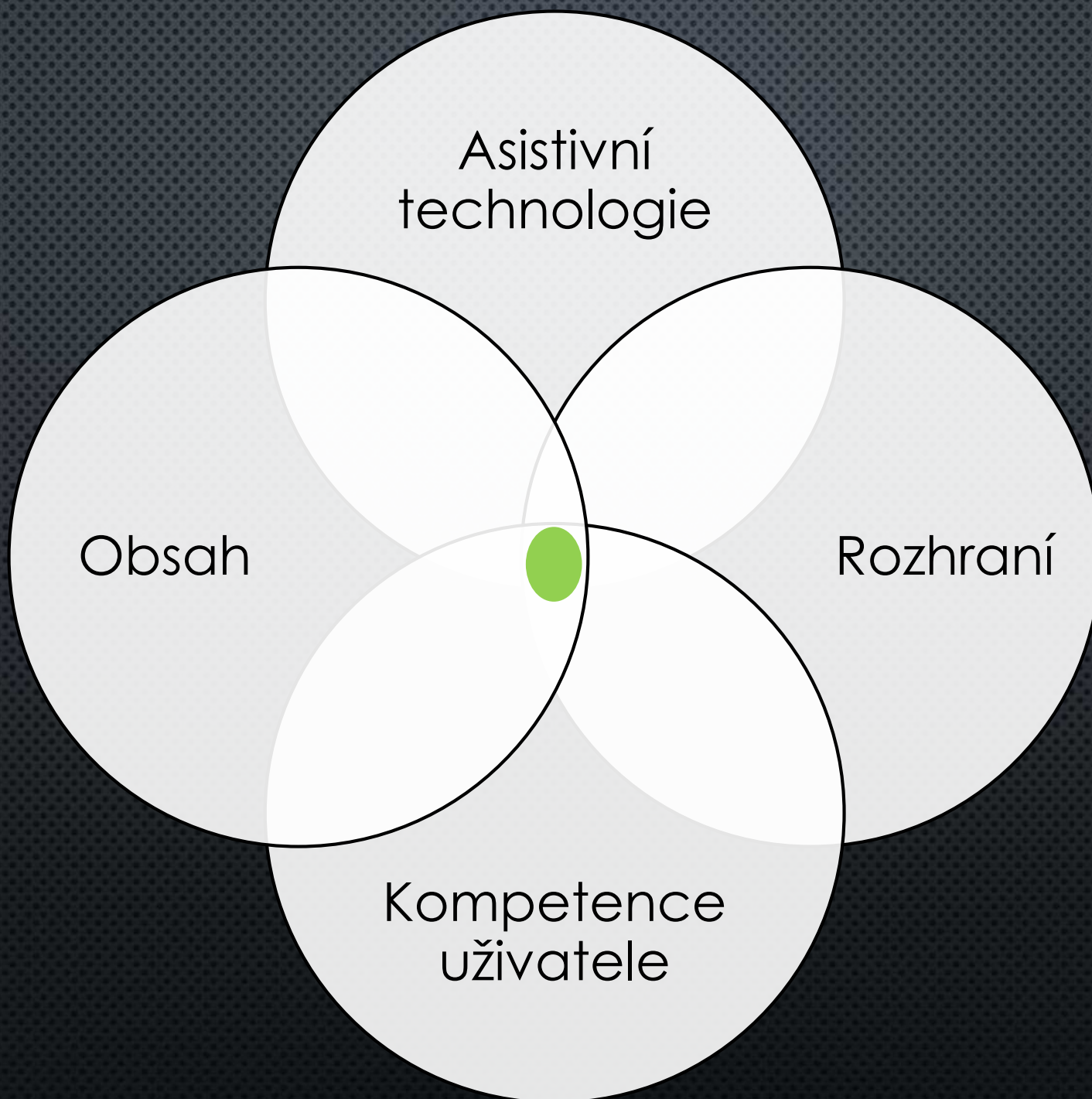
CO NEJDŘÍVE





Přístupnost





NÁSTROJE



ROZŠÍŘENÍ PRO PROHLÍZEČE



Web Developer

Adds a toolbar button with various web developer tools.

PODROBNOSTI

ODEBRAT



Disable Cookies CSS Forms Images Information Miscellaneous Outline Resize Tools Options

Disable All Styles	Disable Linked Style Sheets	Edit CSS
Disable Browser Default Styles	Disable Print Styles	Reload Linked Style Sheets
Disable Embedded Styles	Display Handheld Styles	Use Border Box Model
Disable Inline Styles	Display Print Styles	View CSS

<http://www.isss.cz/>

☐ 18 headings

<h1> ISSS

<h2> 21. ročník konference ISSS

<h2> Předávání ceny Český zavináč v Klicperově divadle

<h2> Právě probíhá

<h3> Velký sál

<h3> Malý sál

<h3> Přednáškový sál

<h3> Eliščin sál

<h3> Jednací sál

alt="ISSS"

ISSS

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alt="Předávání ceny Český zavináč v Klicperově divadle"



alt="ISSS"

ISSS

9.–10. dubna 2018

Kongresové centrum Aldis,
Hradec Králové

alt="Česká spořitelna, a. s."

 Disable  Cookies  CSS  Forms  Images  Information  Miscellaneous  Outline  Resize  Tools  Options

[Check All Checkboxes](#)

[Uncheck All Checkboxes](#)

[Clear Form Fields](#)

[Clear Radio Buttons](#)

[Convert Form GETs To POSTs](#)

[Convert Form POSTs To GETs](#)

[Convert Select Elements To Text Inputs](#)

[Convert Text Inputs To Textareas](#)

[Display Form Details](#)

[Display Passwords](#)

[Enable Auto Completion](#)

[Enable Form Fields](#)

[Expand Select Elements](#)

[Make Form Fields Writable](#)

[Outline Form Fields Without Labels](#)

[Populate Form Fields](#)

[Remove Form Validation](#)

[Remove Maximum Lengths](#)

[View Form Information](#)

AUTOMATICKÉ TESTOVÁNÍ

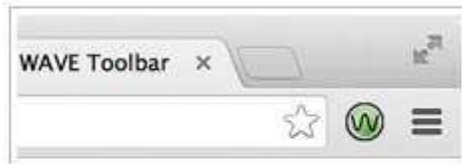


Web page address... →

Powered by [WebAIM](#)



WAVE Chrome Extension



The WAVE Chrome extension allows you to evaluate web content for accessibility issues **directly within Chrome**. Because the extension runs entirely within your web browser, **no information is sent to the WAVE server**. This ensures **100% private and secure accessibility reporting**. The extension can check intranet, password-protected, dynamically generated, or sensitive web pages. Also, because the WAVE Chrome extension evaluates the rendered version of your page, **locally displayed styles and dynamically-generated content from scripts or AJAX** can be evaluated.

Install now



[WAVE Chrome Extension at the Google Web Store](#)




Updates to the WAVE extension will automatically be sent to your Chrome browser when they are made available.

Summary


WAVE has detected the following:

- 3 Errors
- 26 Alerts
- 20 Features
- 39 Structural Elements
- 26 HTML5 and ARIA
- 3 Contrast Errors


Panel Options

-  **DETAILS:** A listing of all the WAVE icons in your page.
-  **DOCUMENTATION:** Explanation of the WAVE icons and how you can make your page more accessible.
-  **OUTLINE:** The heading structure of the web page.


tion", aria-haspopup="true", aria-expanded="false"

Program  "role="button", aria-haspopup="true", aria-expanded="false"

tion", aria-haspopup="true", aria-expanded="false"

Spolupráce  "role="button", aria-haspopup="true", aria-expanded="false"

n", aria-haspopup="true", aria-expanded="false"

 "role="button", aria-haspopup="true", aria-expanded="false"

Velký sál

14.40–15.25 **SmartCity II**

Chytré město v chytré ekonomice aneb Od popelnic k informacím
David Navrátil, Česká spořitelna, a. s., 30'

Malý sál

14.25–15.10 **Další rozvoj informatizace veřejné správy III**

Změny právních předpisů a agendové informační systémy
RNDr. Ivana Havlíková, VITA software, s. r. o., 30'
Už je to tady, občane! aneb úřady jsou nám opět trochu blíží
Pavel Číž, ICZ a. s., 15'

Přednáškový sál

14.20–15.15 **Právní aspekty eGovernmentu**

eSbírka a eLegislativa
Mgr. Aleš Gola, Ministerstvo vnitra ČR, 20'

Eliščin sál

Check Accessibility By:

Web Page URL

HTML File Upload

Paste HTML Markup

Address:

Check It

► [Options](#)

Welcome to AChecker. This tool checks single HTML pages for conformance with accessibility standards to ensure the content can be accessed by everyone. See the Handbook link to the upper right for more about the Web Accessibility Checker.

Translate to [English](#) | [German](#) | [Italiano](#)

Accessibility Review

Export Format: Report to Export:

Accessibility Review (Guidelines: [WCAG 2.0 \(Level AA\)](#))

Known Problems (2)

Likely Problems (3)

Potential Problems (336)

HTML Validation

CSS Validation

1.4 Distinguishable: Make it easier for users to see and hear content including separating foreground from background.

Success Criteria 1.4.4 Resize text (AA)

Check 116: [b \(bold\) element used.](#)

Repair: Replace your b (bold) elements with em or strong.

✘ Line 435, Column 19:

```
<b>9.-10. dubna 2018</b>
```

✘ Line 436, Column 6:

```
<b>Kongresové centrum Aldis, Hradec&nbsp;Králové</b>
```



Audits to perform

- Performance
How long does this app take to show content and become usable
- Progressive Web App
Does this page meet the standard of a Progressive Web App
- Best practices
Does this page follow best practices for modern web development
- Accessibility
Is this page usable by people with disabilities or impairments
- SEO
Is this page optimized for search engine results ranking

Run audit

Cancel

Accessibility

94

These checks highlight opportunities to [improve the accessibility of your web app](#). Only a subset of accessibility issues can be automatically detected so manual testing is also encouraged.

ARIA Attributes Follow Best Practices

These are opportunities to improve the usage of ARIA in your application which may enhance the experience for users of assistive technology, like a screen reader.

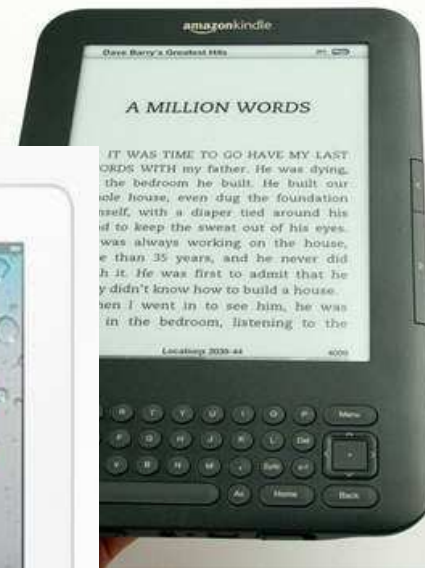
▶ Elements with `[role]` that require specific children `[role]`s, are missing. ✘

▶ 18 Passed Audits

▶ 16 Not Applicable Audits

▶ Additional items to manually check

ASISTIVNÍ TECHNOLOGIE



Technet.cz





Plocha

Knihovny

Uzivatel

Pocitac

Sit

AUTOMATICKÉ VS. RUČNÍ TESTOVÁNÍ

Testability of Best Practices by WCAG Level

WCAG Level	Auto	Manual Ver. %	Manual Only %
Level A	25%	29%	46%
Level AA	17%	41%	41%
Level AAA	23%	24%	53%
Testability by Type (Avg.)	18%	31%	47%

What does this mean?

In short, it means that relying solely on automatic testing is probably a bad idea.

▼ Additional items to manually check

These items address areas which an automated testing tool cannot cover. Learn more in our [guide on conducting an accessibility review](#).

- ▶ The page has a logical tab order
- ▶ Interactive controls are keyboard focusable
- ▶ The user's focus is directed to new content added to the page
- ▶ User focus is not accidentally trapped in a region
- ▶ Custom controls have associated labels
- ▶ Custom controls have ARIA roles
- ▶ Visual order on the page follows DOM order
- ▶ Offscreen content is hidden from assistive technology
- ▶ Headings don't skip levels
- ▶ HTML5 landmark elements are used to improve navigation

KAM DÁL?



Jak na jednoduchý audit přístupnosti – otestujte si bezbariérovost svého webu

🕒 8. 1. 2018 📁 [Asistivní software a hardware](#), [Nástroje](#), [Návody](#), [Přístupnost webu](#) 🗨️ [Klávesnice](#),
[kontrast](#), [Oblasti stránky](#), [Screen Reader](#), [Strukturování obsahu](#), [Testování přístupnosti](#) ✎ [Upravit](#)

[HTTP://POSLEPU.CZ/JAK-NA-JEDNODUCHY-AUDIT-PRISTUPNOSTI-OTESTUJTE-SI-BEZBARIEROVOST-SVEHO-WEBU/](http://poslepu.cz/jak-na-jednoduchy-audit-pristupnosti-otestujte-si-bezbarierovost-sveho-webu/)

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[@RADLICEK](#)

WWW.POSLEPU.CZ



Teiresiás