



Unlocking Accessibility in MidPoint

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Agenda for this webinar

Introduction

- What is accessibility and WCAG?
- Cooperation with university
- Quickscan results
- Implemented improvements
- Live demonstration
- Conclusion
- Discussion



Why accessibility matters

What is accessibility and WCAG?

- Significance of Accessibility
 - Ensures a broader audience can access and use digital content
 - Addresses diverse needs, including those with visual, auditory, cognitive, and motor impairments
 - Fosters inclusivity and digital equality
- What is WCAG?
 - Stands for Web Content Accessibility Guidelines
 - A set of guidelines developed by the World Wide Web Consortium (W3C)
 - Designed to make web content more accessible to people with disabilities



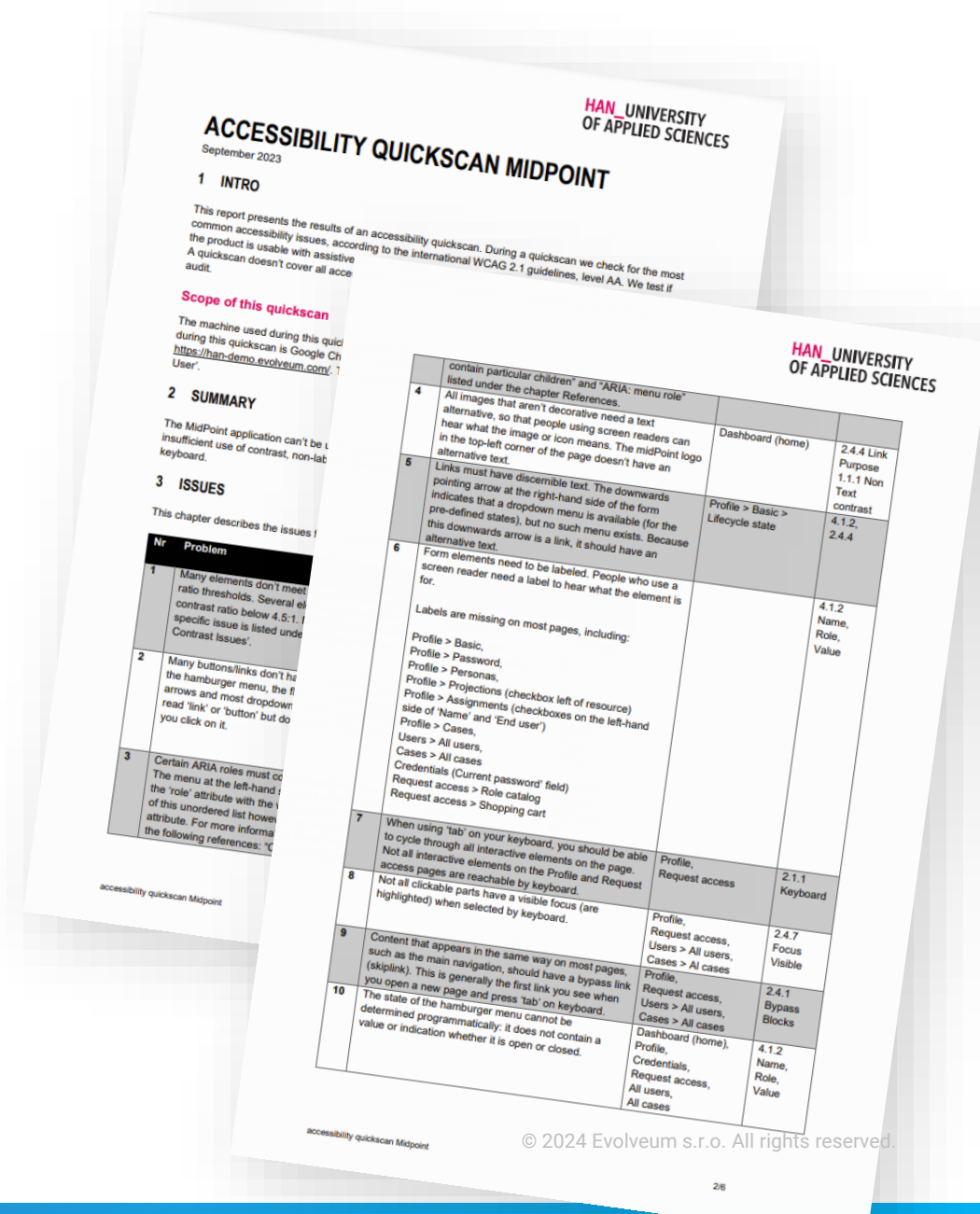
WCAG Levels



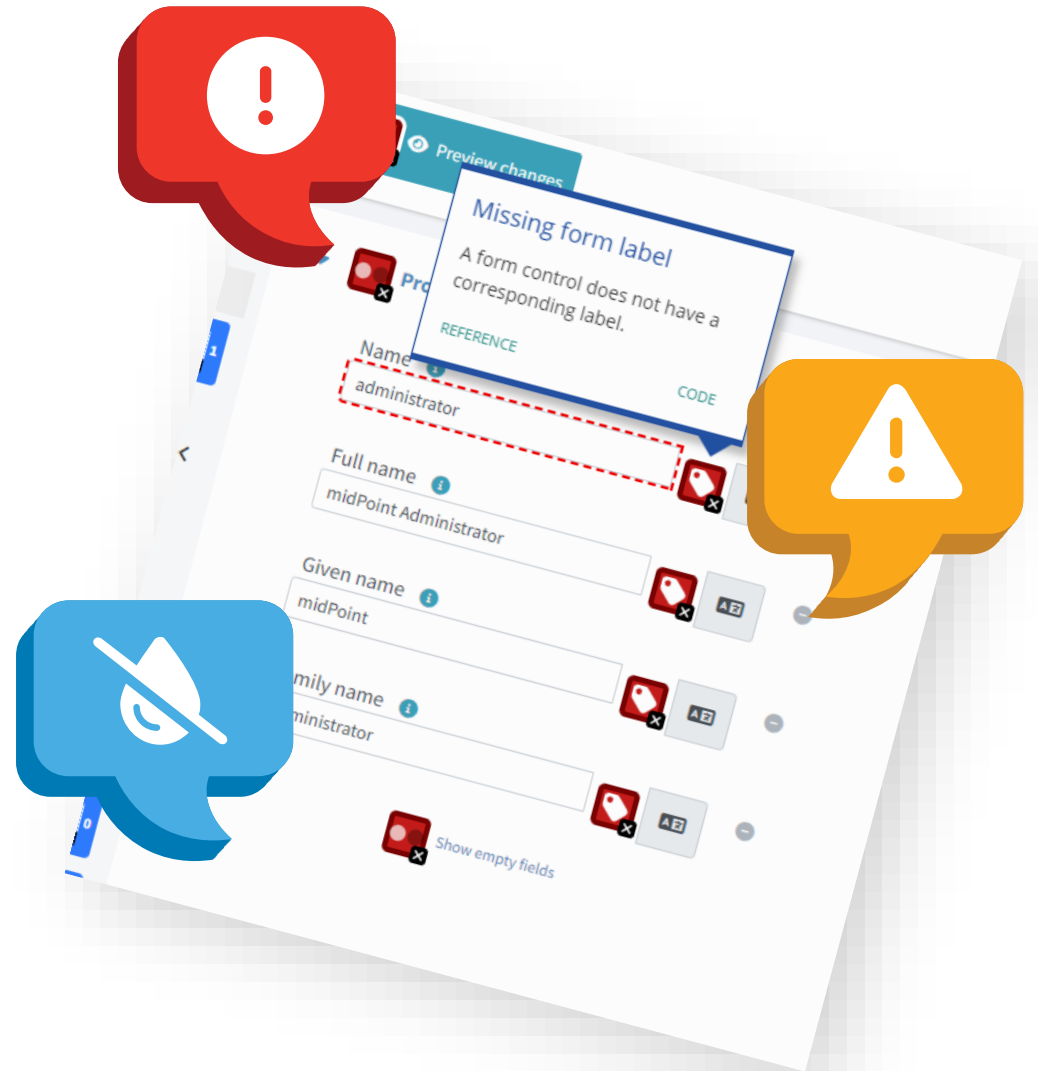
"None of us is as smart as all of us"

Cooperation with university

- Evolveum is part of NGI0 (Zero)
- University created a team of experts
- Created the cooperation plan and setting the milestones
- Created the **Quickscan** report of the environment



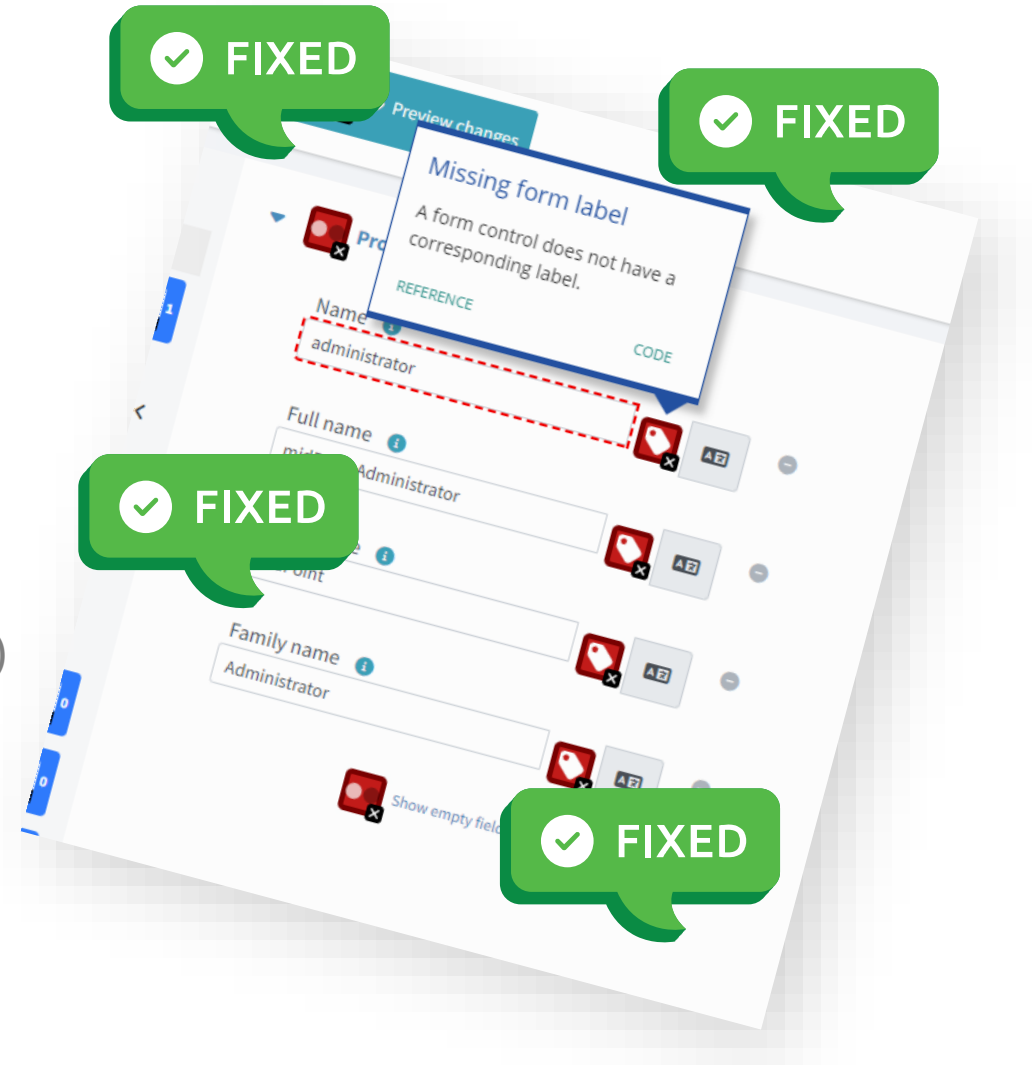
- Tested mix of most common of level A and AA guidelines
- Result
 - **11 major issues** limiting the work with screen reader
 - **5 minor problems** that were mostly bugs
 - **49 color contrast ratio problems**
- Some of the issues
 - Buttons and links missing label tags
 - Form inputs and labels not connected by ARIA
 - Not all interactive elements are reachable by keyboard
 - Missing highlight when :focus-visible (css)
 - And more...

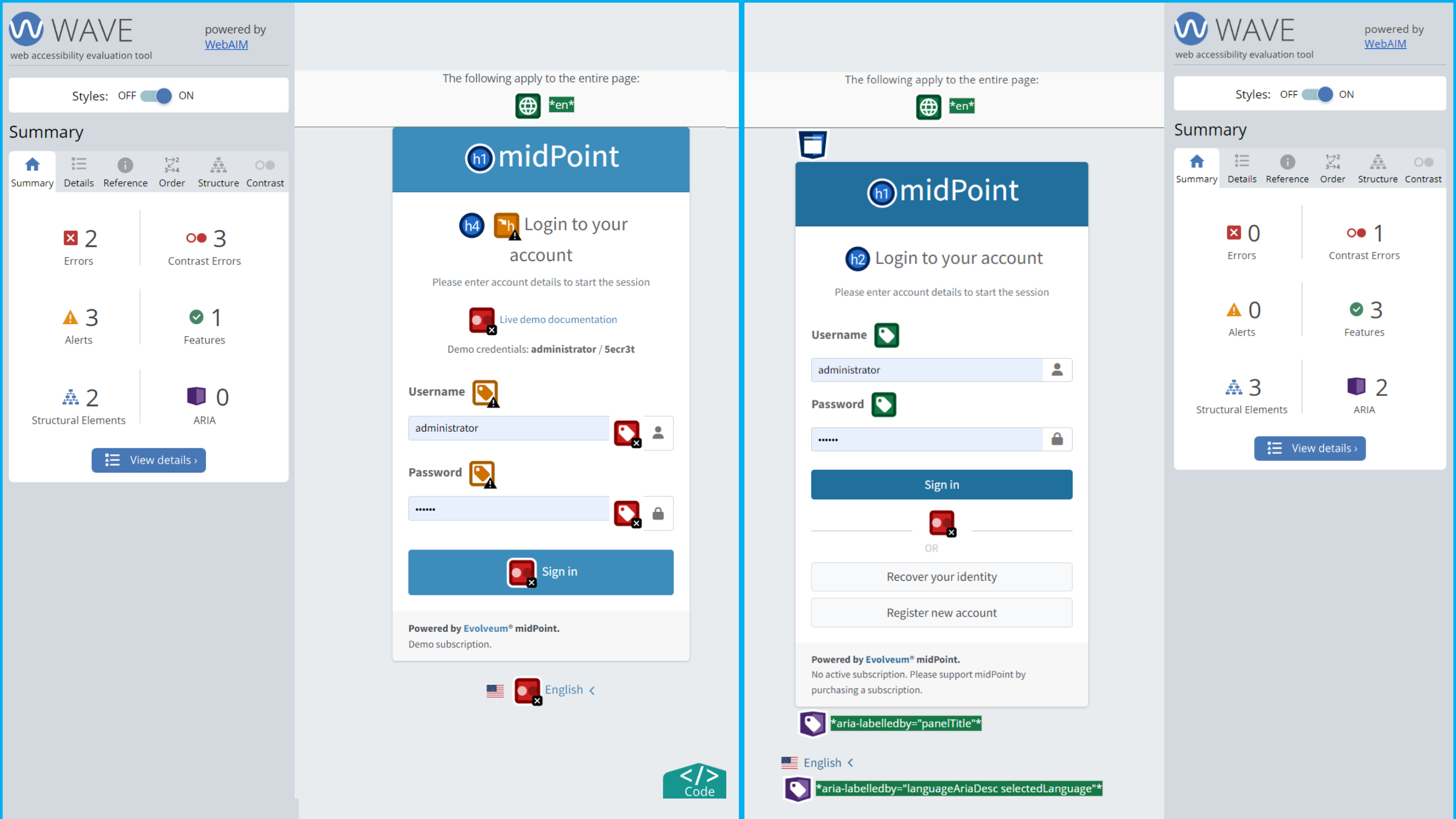
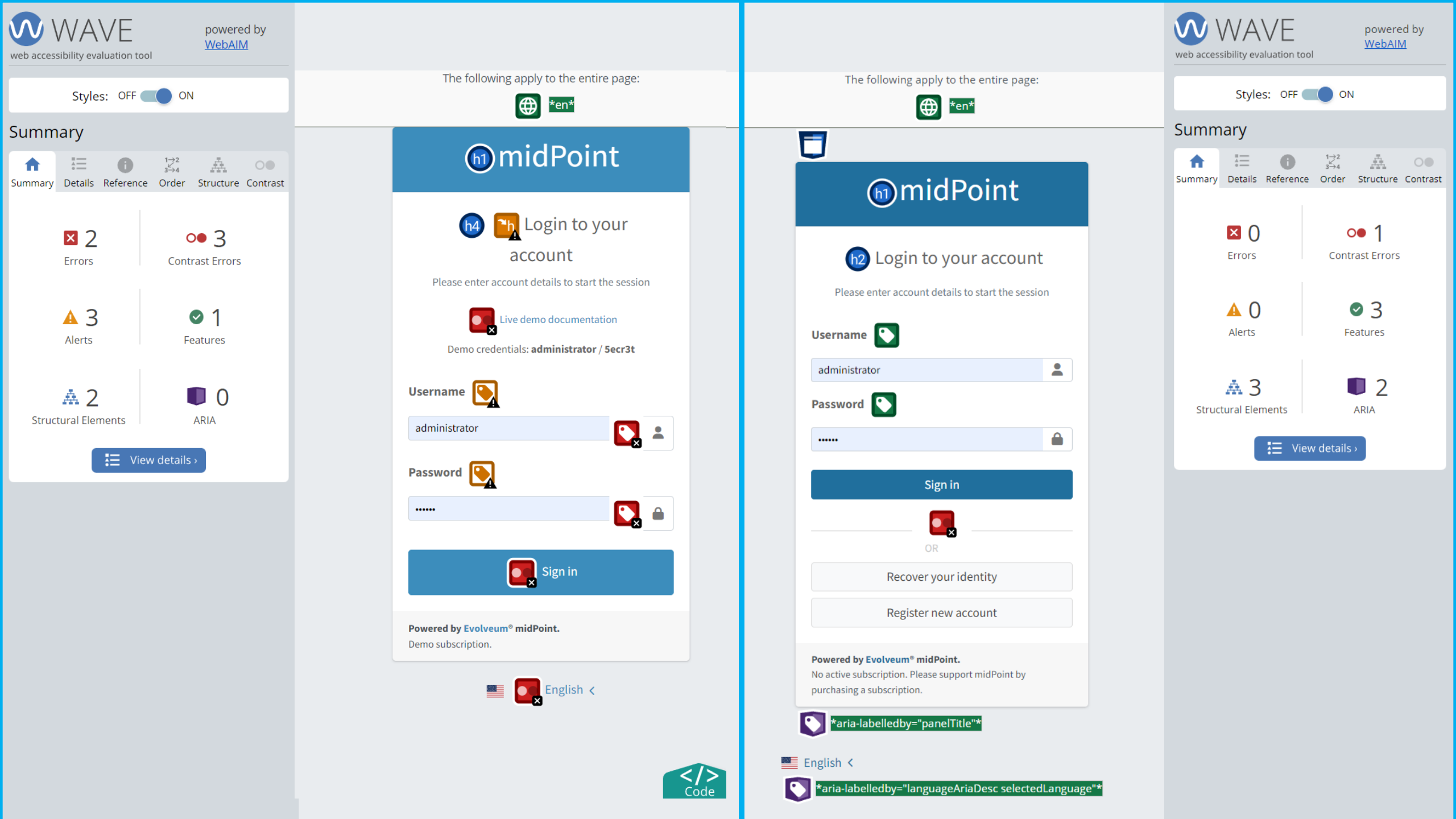


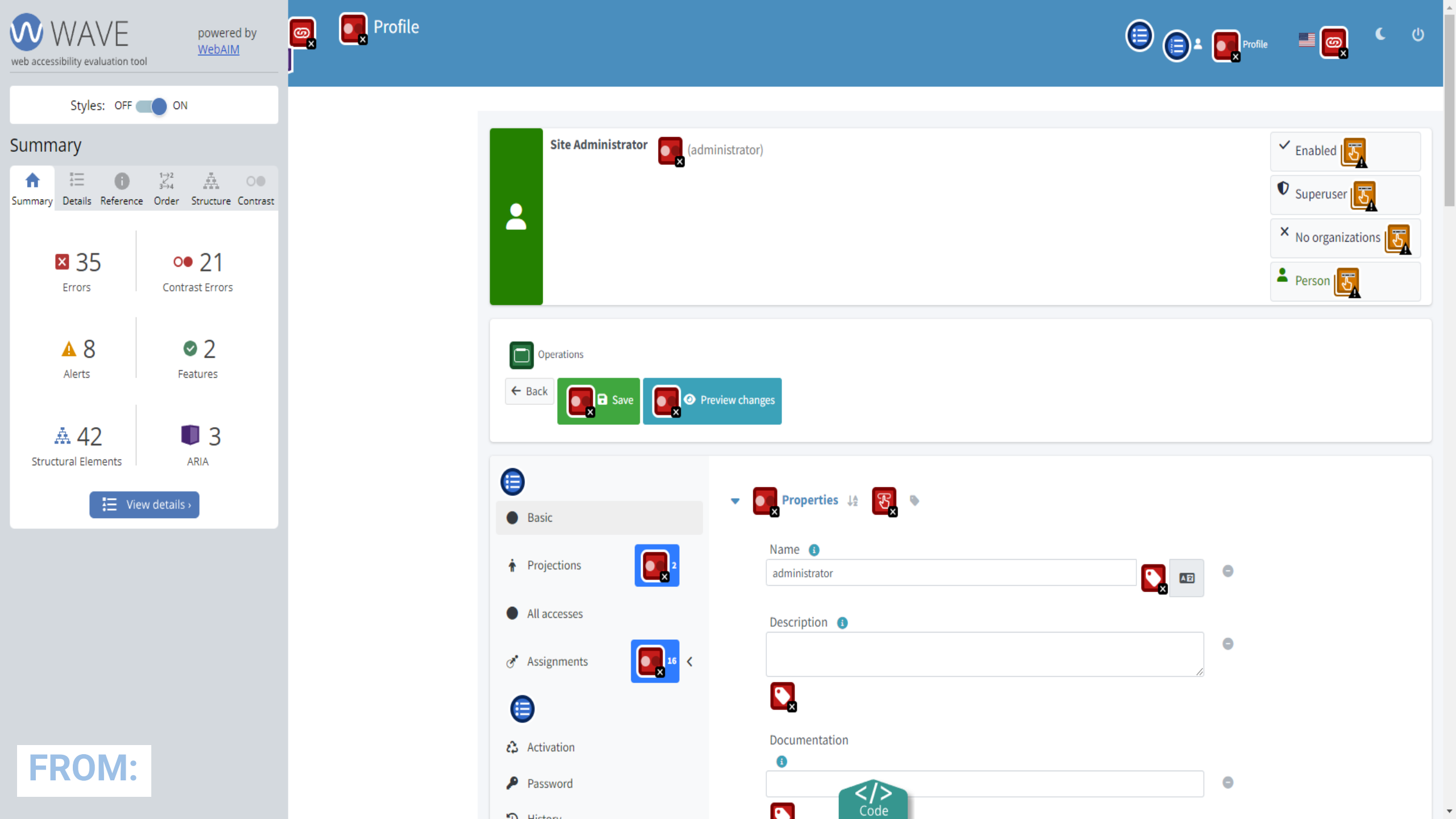
Resolving the Rubik's cube (List of fixes)

Implemented improvements

- Main bypass link to main content was added
- Labels with inputs in forms were connected
- Identified and fixed unreachable action elements
- Most of color contrast issues were fixed
- Fixed ARIA roles in sidemenus/menus
- Implemented more ARIA features (labeledby, description, etc.)
- Fixed/implemented visible focus (highlights) for elements when using keyboard







FROM:



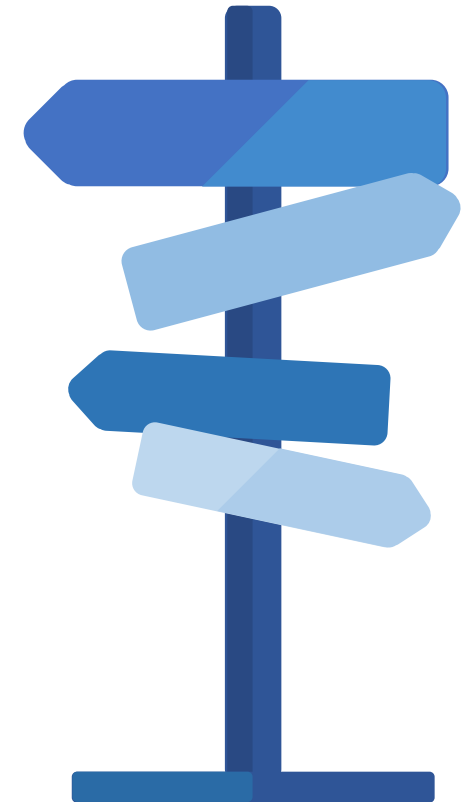
Demonstration

Live demonstration of latest environment with NVDA screen reader in action.

Results from the first batch

Conclusion

- The start of the evolution of a new dimension of midPoint
- Better accessibility, better experience
- Getting rid of discrimination
- Boost of midPoint attractiveness
- New connections
- Cleaner code and better usage of elements
- Quicksan 2.0
- Future steps:
 - Considering backport to 4.8 family
 - Accessible certifications
 - Remaster request access deeper
 - A lot of challenges are waiting to be fixed



When we can see each other again?

Upcoming webinars

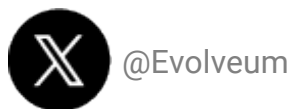
- **Request Access**
 - 22nd of February 2024 – Viliam Repan
- **How to search for information in midPoint**
 - 7th of March 2024 – Martin Spanik
- **Smart Correlation**
 - 21st of March 2024 – Pavol Mederly



Thank you for your attention

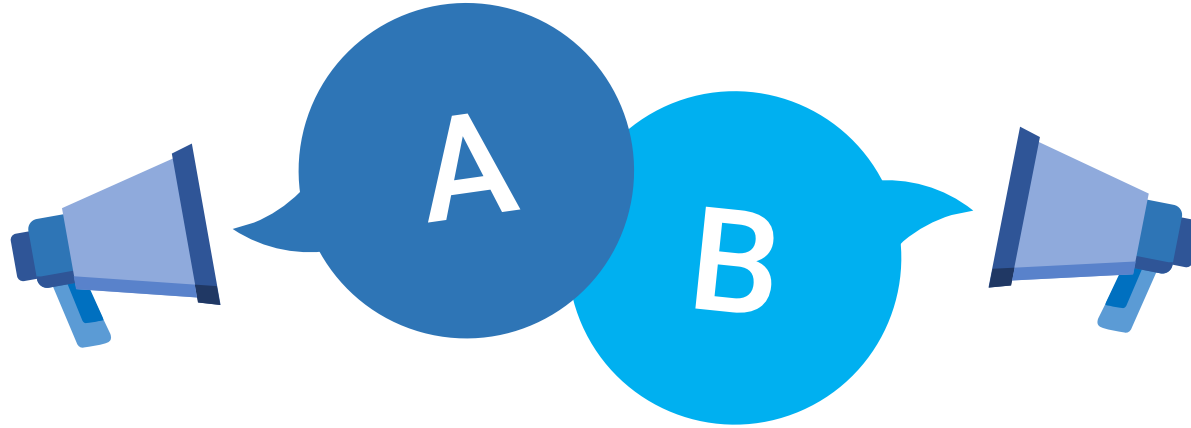
Do you have any **questions**? Feel free to contact us at info@evolveum.com

Follow us on social media or **join us** at GitHub or Gitter!



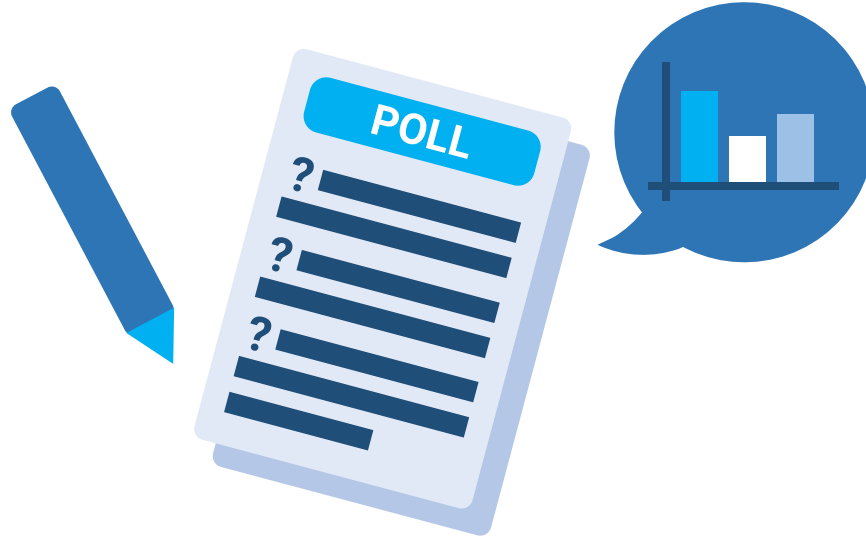
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Let's discuss

If you have any questions, now it's the time to shine



Just one last thing

Kindly take a moment to complete the poll and help us gather valuable data.