Training TR-102 Report
Day 8

21ˢᵗ June, 2024

The eighth day of the TR-102 training continued with advanced web tools, focusing on Google Analytics, axeDevTool, the W3C Validator, Wappalyzer, and creating RDF graphs using Turtle syntax.

Web Tools

Google Analytics

- The session introduced Google Analytics, a powerful tool for tracking and analyzing web traffic.

- Participants learned how to set up Google Analytics for their websites

- Analyzed traffic data to gain insights into user behavior, interpret the data, and improve site performance.

axeDevTool

- Participants were introduced to axeDevTool, a browser extension for accessibility testing.

- Used axeDevTool to identify accessibility issues and ensure web content meets accessibility standards.

W3C Validator

- The session covered the use of the W3C Validator to check the markup validity of web documents in HTML, XHTML, SMIL, etc.

- Validated web pages to ensure they adhere to W3C standards, improving compatibility and performance.

Wappalyzer

- Participants explored Wappalyzer, a tool that uncovers the technologies used on websites.

- Analyzed various websites to identify the technologies and frameworks used, helping in understanding the tech stack behind web projects.

Creating RDF Graphs

Created RDF graphs using Turtle syntax, applying concepts learned during the session.

Key Takeaways

- **Google Analytics:** Mastered setting up and using Google Analytics to track and analyze web traffic.

- **axeDevTool:** Gained practical skills in using axeDevTool for accessibility testing.

- **W3C Validator:** Understood the importance of validating web documents against W3C standards.

- **Wappalyzer:** Learned to identify web technologies used in various websites.

- **RDF Graphs:** Enhanced skills in creating RDF graphs using Turtle syntax for structured data representation.

Conclusion

Day 8 of the TR-102 training equipped participants with advanced tools and techniques for web development. The session emphasized the importance of data analysis, accessibility, and validation in creating robust and user-friendly web applications. Participants are now better prepared to optimize their web projects using data-driven insights and industry standards.