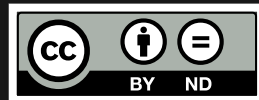


# DER WEB-A11Y- AUDITOR

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# AKTUELLER STAND

- Manuelles Testen zeitaufwendig
- Vorhandene Tools helfen nur bedingt

# IDEE

- Viele wiederholende Formulierungen in Techniques for WCAG oder ACT Rules
- Zerlegen in atomare Tests
- Deklaratives Modell
- Tools nutzen Modell als Grundlage

# STAND

- Modell fertig
- OWL Ontologie
- Auf Basis ACT Rules
- Prototyp eines Tools: web-a11y-auditor

# DER WEB-A11Y-AUDITOR

- Web Service
- Weitgehend Automatisiert
- Tests über Selenium
- Unterstützung des Testers bei manuellen Tests

**DEMO**

# ÜBERSICHT

## Evaluations



### Start new evaluation

Document URL

Start evaluation

Cancel

## Active evaluations

Document URL	Evaluations Status	Waiting for manual evaluation
 <a href="http://localhost/devel/web-a11y-auditor/page-a.html">http://localhost/devel/web-a11y-auditor/page-a.html</a>	<b>Document analyzed</b> No <b>Tested elements</b> 0/0 	0

## Finished evaluations

Document URL	Passed rules	Failed rules
<a href="http://localhost/web/web-a11y/missing-lang.html">http://localhost/web/web-a11y/missing-lang.html</a>	3	1



# MANUELLE TESTS

# Status of accessibility evaluation for <http://localhost/web/web-a11y/missing-lang.html>

## Document analyzed?

Yes

## Tested elements

229 of 231

## Test tasks requiring manual evaluation

Number	Question	Element	Answer question
1	Does the content of the title element describe the page?	html > head:nth-Child(1) > title:nth-Child(2)	<a href="#">Evaluate</a>
2	Does the highlighted heading describe the content of its associated section?	html > body:nth-Child(2) > h1:nth-Child(1)	<a href="#">Evaluate</a>

# MANUELLE TEST DURCHFÜHREN

# Status of a lang.html

Document analyzed?  
Yes

Tested elements  
229 of 231

## Test tasks

Number	Question
1	Does the
2	Does the section?

### Manual evaluation



#### A simple Test

This is test document for the web-a11y-auditor service

Screenshot of the evaluated document



Does the highlighted heading describe the content of its associated section? **No**

Submit

Answer question

Evaluate

Evaluate

# ERGEBNISSE EINER EVALUATION

Buttons have an accessible name **INAPPLICABLE**

Element with `aria-hidden` has no focusable content **INAPPLICABLE**

Element within body has valid lang attribute **INAPPLICABLE**

Filename is valid accessible name **INAPPLICABLE**

Form field has accessible name **INAPPLICABLE**

Form field label is descriptive **INAPPLICABLE**

Heading is descriptive **PASSED**

HTML has lang attribute **FAILED**

HTML lang and xml:lang match **INAPPLICABLE**

HTML Page has a title **PASSED**

HTML page title is descriptive **PASSED**

Id attribute is unique **INAPPLICABLE**

# DETAILS ERGEBNIS

Heading is descriptive **PASSED**

HTML has lang attribute **FAILED**

## Description

This rule checks that the html element has a non-empty lang or xml:lang attribute.

## Applicability

The root element of the page, if it is an html element.

## Element results

html [Show screenshot](#) **FAILED**

## Element results

html > head:nth-Child(1) [Show screenshot](#) **INAPPLICABLE**

## Element results

html > head:nth-Child(1) > meta:nth-Child(1) [Show screenshot](#) **INAPPLICABLE**

## Element results

html > head:nth-Child(1) > title:nth-Child(2) [Show screenshot](#) **INAPPLICABLE**

## Element results

html > body:nth-Child(2) [Show screenshot](#) **INAPPLICABLE**



**WELCHES ELEMENT IST GEMEINT?**

Heading is descriptive **PASSED**

HTML has lang attribute **FAILED**

Screenshot of element html



**A simple Test**

This is test document for the web-a11y-auditor service

Description

This rule checks the

Applicability

The root element of

Element results

html

Show

Element results

html > head:nth

Element results

html > head:nth

Element results

html > head:nth-Child(1) > title:nth-Child(2)

Show screenshot

INAPPLICABLE

Element results

html > body:nth-Child(2)

Show screenshot

INAPPLICABLE

# TESTER GESUCHT

- Demnächst öffentlicher Beta-Test:  
<https://www.web-a11y-auditor.net>
- Teilnehmer für Studie gesucht

**FRAGEN, ANMERKUNGEN?**