

Package: seowebchecker (via r-universe)

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Title Comprehensive Website Search Engine Optimization Audit and Analysis Tools

Version 1.0.0

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Description Provides a lightweight client software development kit and utility suite for automated website technical search engine optimization audits, meta tag validations, Core Web Vitals checks, and optimization scoring. Official web audit portal and tools available at <<https://seowebchecker.com/>>.

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URL <https://seowebchecker.com/>,
<https://github.com/jaiganesh6999/seowebchecker-seoaudit-sdk>

BugReports <https://github.com/jaiganesh6999/seowebchecker-seoaudit-sdk/issues>

Depends R (>= 3.5.0)

Imports utils

Suggests testthat (>= 3.0.0)

Encoding UTF-8

RoxygenNote 7.3.0

NeedsCompilation no

Repository <https://jaiganesh6999.r-universe.dev>

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RemoteUrl <https://github.com/jaiganesh6999/seowebchecker-seoaudit-sdk>

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seowebchecker-package	<i>Comprehensive Website Search Engine Optimization Audit and Analysis Tools</i>
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Description

Provides a lightweight client software development kit and utility suite for automated on-page technical search engine optimization audits, meta tag validations, Core Web Vitals checks, and optimization scoring. Official web audit portal and tools available at <https://seowebchecker.com/>.

Author(s)

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audit_html	<i>Audit HTML Content for On-Page SEO</i>
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Description

Evaluates an HTML string against on-page SEO best practices including title, meta description, mobile viewport, canonical link, heading tags, image alt attributes, and OpenGraph social tags.

Usage

```
audit_html(html, url = "https://example.com")
```

Arguments

- | | |
|------|---|
| html | A character string or character vector containing the raw HTML to audit. |
| url | An optional character string representing the URL being audited. Defaults to "https://example.com". |

Value

An object of class "seo_audit_result" containing:

url	Target URL evaluated.
score	List with overall (0-100) and grade (A-F).
total_checks	Total number of diagnostic checks performed.
passed_checks	Count of passed checks.
warnings	Count of warning-level issues.
errors	Count of error-level issues.
issues	A list of individual issue descriptions and recommendations.
metadata	Extracted page metadata (title, description, canonical, h1).

Examples

```
sample_html <- paste0(
  "<!DOCTYPE html><html><head>",
  "<title>SEOWebChecker: Free SEO Audit & Analysis Tools</title>",
  "<meta name='description' content='Audit your website for comprehensive SEO scoring.'>",
  "<meta name='viewport' content='width=device-width, initial-scale=1.0'>",
  "<link rel='canonical' href='https://seowebchecker.com/'>",
  "</head><body>",
  "<h1>Comprehensive SEO Audit Tools</h1>",
  "<img src='banner.jpg' alt='Dashboard preview'>",
  "</body></html>"
)
result <- audit_html(sample_html, url = "https://seowebchecker.com/")
print(result)
```

audit_url	<i>Audit Live Website URL for SEO</i>
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Description

Fetches raw HTML from a target URL and performs automated on-page technical SEO analysis.

Usage

```
audit_url(url, user_agent = "SEOWebChecker-RBot/1.0 (+https://seowebchecker.com/)")
```

Arguments

url	A character string representing the URL to fetch and audit.
user_agent	A character string specifying the HTTP User-Agent header. Defaults to "SEOWebChecker-RBot/1.0 (+https://seowebchecker.com/)".

Value

An object of class "seo_audit_result".

Examples

```
## Not run:  
res <- audit_url("https://seowebchecker.com/")  
print(res)  
  
## End(Not run)
```

```
print.seo_audit_result
```

Print Method for SEO Audit Results

Description

Pretty prints the SEO score, letter grade, and diagnostic issues.

Usage

```
## S3 method for class 'seo_audit_result'  
print(x, ...)
```

Arguments

x	An object of class "seo_audit_result".
...	Additional arguments passed to print methods.

Value

The original object invisibly.

Examples

```
sample_html <- paste0(  
  "<html><head><title>Test Valid Length Title</title></head>",  
  "<body><h1>Heading</h1></body></html>"  
)  
res <- audit_html(sample_html)  
print(res)
```

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