Consistency Rules Rule

DocScanner AI Writing Rule Documentation

Rule Overview

Name: Consistency Rules
File: consistency_rules.py
Description: Ensures consistent formatting and style throughout documents
Purpose: Maintain uniform presentation and professional appearance

Functions

_get_nlp()

check(content)

Checks Performed

• Consistency Checking

Regular Expression Patterns

```
) text_content = soup.get_text() # ----------------------------- # Step numbering
consistency # ---------------------------- step_pattern = re.compile(r
\b\d+\s?(ms|sec|s|MB|Mb|KB|Gb|%)\b
^#+\s+(.+)$
```

Code Examples

```
RAG helper not available for {__name__} - using basic rules
, re.MULTILINE) steps = step_pattern.findall(text_content) if steps: expected = [f
Inconsistent step numbering detected. Ensure sequential numbering (1., 2., 3., ...).
```

Dependencies

• logging
• title_utils.is_title_or_heading
• re
• spacy
• rag_rule_helper.check_with_rag
• bs4.BeautifulSoup

Implementation Notes

• Import RAG system with fallback
• Load spaCy model lazily to avoid startup issues
• Increase max_length to handle large documents
• Extract plain text (strip HTML if present)
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