Style Rules Rule

DocScanner AI Writing Rule Documentation

Rule Overview

Name: Style Rules
File: style_rules.py
Description: Enforces consistent writing style and formatting guidelines
Purpose: Maintain professional and consistent documentation standards

Functions

_get_nlp()

check(content)

Checks Performed

• Passive Voice Detection
• Adverb Usage

Regular Expression Patterns

```
) text_content = soup.get_text() try: nlp_model = _get_nlp() doc =
nlp_model(text_content) except Exception as e: doc = None #
---------------------------- # Regex-based style checks #
---------------------------- # Check for passive voice using
\bby\s+\w+ed\b
!{2,}
\b[A-Z]{5,}\b
(info|warning|note|tip|caution)\s*
```

Code Examples

```
RAG helper not available for {__name__} - using basic rules
+ past participle if re.search(r
, text_content, flags=re.IGNORECASE): suggestions.append(
```

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 3MB
• Extract plain text (remove HTML if present)
• -----------------------------

Generated on 2025-10-17 18:29:07
DocScanner AI - Writing Quality Enhancement System