|  |
| --- |
| LlmDispatch  Branch : main  Version not provided  Code analysis |

|  |
| --- |
| **By: Administrator**  **2025-04-02** |

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# Introduction

This document contains results of the code analysis of LlmDispatch.

# Configuration

* Quality Profiles
  + Names: Sonar way [CSS]; Sonar way [JavaScript]; Sonar way [Python]; Sonar way [HTML];
  + Files: 37520852-6ef2-4222-b055-b37bd8085976.json; 7491f079-597d-4b07-81b4-794d16757986.json; be73856f-a483-4900-b3f9-5466c0dcefb8.json; 5a1237a0-a756-4199-97e2-5e65beb6d9d6.json;
* Quality Gate
  + Name: Sonar way
  + File: Sonar way.xml

# Synthesis

## Analysis Status

|  |  |  |  |
| --- | --- | --- | --- |
| Reliability | Security | Security Review | Maintainability |
| A.png | **A.png** | **A.png** | **A.png** |

## Quality gate status

|  |  |
| --- | --- |
| Quality Gate Status | **OK.png** |



## Metrics

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Coverage | Duplication | Comment  density | Median number of lines of code per file | Adherence to coding standard |
| 0.0 % | **0.0 %** | **3.8 %** | **43.5** | **99.9 %** |

## Tests

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Total | Success Rate | Skipped | Errors | Failures |
| 0 | **0 %** | **0** | **0** | **0** |

## Detailed technical debt

|  |  |  |  |
| --- | --- | --- | --- |
| Reliability | Security | Maintainability | Total |
| - | - | 0d 0h 26min | 0d 0h 26min |

## Metrics Range

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | Cyclomatic  Complexity | Cognitive  Complexity | Lines of code per file | Comment  density (%) | Coverage | Duplication (%) |
| Min | 0.0 | 0.0 | 5.0 | 0.0 | 0.0 | 0.0 |
| Max | 46.0 | 11.0 | 392.0 | 16.7 | 0.0 | 0.0 |

## Volume

|  |  |
| --- | --- |
| Language | Number |
| CSS | 56 |
| JavaScript | 323 |
| Python | 186 |
| HTML | 13 |
| Total | 578 |

# Issues

## Charts

## Issues count by severity and type

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Type / Severity | INFO | MINOR | MAJOR | CRITICAL | BLOCKER |
| BUG | 0 | 0 | 0 | 0 | 0 |
| VULNERABILITY | 0 | 0 | 0 | 0 | 0 |
| CODE\_SMELL | 0 | 1 | 5 | 0 | 0 |

## Issues List

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Name | Description | Type | Severity | Number |
| Unused assignments should be removed |  | CODE\_SMELL | MAJOR | 1 |
| JSX list components should not use array indexes as key |  | CODE\_SMELL | MAJOR | 4 |
| Unused local variables and functions should be removed |  | CODE\_SMELL | MINOR | 1 |

# Security Hotspots

## Security hotspots count by category and priority

|  |  |  |  |
| --- | --- | --- | --- |
| Category / Priority | LOW | MEDIUM | HIGH |
| LDAP Injection | 0 | 0 | 0 |
| Object Injection | 0 | 0 | 0 |
| Server-Side Request Forgery (SSRF) | 0 | 0 | 0 |
| XML External Entity (XXE) | 0 | 0 | 0 |
| Insecure Configuration | 0 | 0 | 0 |
| XPath Injection | 0 | 0 | 0 |
| Authentication | 0 | 0 | 0 |
| Weak Cryptography | 0 | 0 | 0 |
| Denial of Service (DoS) | 0 | 0 | 0 |
| Log Injection | 0 | 0 | 0 |
| Cross-Site Request Forgery (CSRF) | 0 | 0 | 0 |
| Open Redirect | 0 | 0 | 0 |
| Permission | 0 | 0 | 0 |
| SQL Injection | 0 | 0 | 0 |
| Encryption of Sensitive Data | 0 | 0 | 0 |
| Traceability | 0 | 0 | 0 |
| Buffer Overflow | 0 | 0 | 0 |
| File Manipulation | 0 | 0 | 0 |
| Code Injection (RCE) | 0 | 0 | 0 |
| Cross-Site Scripting (XSS) | 0 | 0 | 0 |
| Command Injection | 0 | 0 | 0 |
| Path Traversal Injection | 0 | 0 | 0 |
| HTTP Response Splitting | 0 | 0 | 0 |
| Others | 0 | 0 | 0 |

## Security hotspots List