# SonarQube Report

Generated for brais-difi-test



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## **INTRODUCTION**

- This document contains results of the code analysis of brais-difi-test.
- Branch: master
- Date: 2025-01-31 09:16:47+0000

## **CONFIGURATION**

- Quality Profiles: Sonar way [css], Sonar way [docker], Sonar way [js], Sonar way [php], Sonar way [plsql], Boehringer way [py], Sonar way [ts], Sonar way [web], Sonar way [xml].
- Quality Gate: Sonar way.

## **SYNTHESIS**

#### **ANALYSIS STATUS**

Reliability	Security	Security Review	Maintainability
E	E	Е	A

### **QUALITY GATE STATUS**

| Quality Gate Status | OK |

#### **METRICS**

Coverage	Duplications	Comment Density	Lines of Code	Cyclomatic Complexity	Cognitive Complexity
0.0%	21.5%	6.0%	363809	41231	35342

#### **TESTS**

Total	Success Rate	Skipped	Errors	Failures
0	0%	0	0	0

#### **DETAILED TECHNICAL DEBTS**

Reliability	Security	Maintainability	Total
2d 07h 27m	0d 01h 05m	18d 10h 41m	20d 19h 13m

#### **LINES PER LANGUAGE**

Language	Number of Lines	Total Percent
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Language	Number of Lines	Total Percent
css	6431	1.77%
docker	87	0.02%
js	1670	0.46%
plsql	6	0.00%
ру	145389	39.96%
ts	209477	57.58%
web	732	0.20%
xml	17	0.00%

## **SECURITY HOTSPOTS**

## SECURITY HOTSPOTS COUNT BY CATEGORY AND PRIORITY

Categories	Security	Security Hotspots
Buffer Overflow	0 [A]	0 [A]
SQL Injection	0 [A]	0 [A]
Code Injection (RCE)	0 [A]	2 [E]
Object Injection	0 [A]	0 [A]
Command Injection	0 [A]	0 [A]
Path Traversal Injection	0 [A]	0 [A]
LDAP Injection	0 [A]	0 [A]
XPath Injection	0 [A]	0 [A]
Log Injection	0 [A]	0 [A]
XML External Entity(XXE)	0 [A]	0 [A]
Cross-Site Scripting (XSS)	0 [A]	0 [A]
Denial of Service (DoS)	0 [A]	25 [E]
Server-Side Request Forgery (SSRF)	0 [A]	0 [A]
Cross-Site Request Forgery (CSRF)	0 [A]	3 [E]
HTTP Responde Splitting	0 [A]	0 [A]
Open Redirect	0 [A]	0 [A]
Weak Cryptography	4 [D]	22 [E]
Authentication	1 [E]	201 [E]
Insecure Configuration	0 [A]	1 [E]
File Manipulation	0 [A]	0 [A]
Encryption of Sensitive Data	0 [A]	56 [E]
Traceability	0 [A]	0 [A]
Permission	0 [A]	5 [E]
Others	0 [A]	14 [E]

## **SECURITY HOTSPOT LIST**

- Make sure disabling CSRF protection is safe here.



- Vulnerability Probability: HIGH
- Count: 3
- Locations: api/tests/integration\_tests/tools/\_\_mock\_server/openapi\_todo.py: 4 | api/tests/unit\_tests/configs/test\_dify\_config.py: 68 | api/tests/unit\_tests/conftest.py: 12
- Root Cause/How to fix: python:S4502
- Copying recursively might inadvertently add sensitive data to the container. Make sure it is safe here.
  - Vulnerability Probability: MEDIUM
  - **Count:** 2
  - Locations: api/Dockerfile: 73 | web/Dockerfile: 28
  - Root Cause/How to fix: docker:S6470
- Make sure the regex used here, which is vulnerable to super-linear runtime due to backtracking, cannot lead to denial of service.
  - Vulnerability Probability: MEDIUM
  - **Count:** 7
  - Locations: web/app/components/base/icons/script.js: 147 | web/app/components/base/icons/script.js: 150 | web/public/vs/basic-languages/wgsl/wgsl.js: 305 | web/public/vs/basic-languages/wgsl/wgsl.js: 305 | web/public/vs/basic-languages/wgsl/wgsl.js: 305 | web/public/vs/basic-languages/wgsl/wgsl.js: 305 | web/public/vs/basic-languages/wgsl/wgsl.js: 305
  - Root Cause/How to fix: javascript:S5852
- This image runs with "root" or "containerAdministrator" as the default user. Make sure it is safe here.
  - Vulnerability Probability: MEDIUM
  - **Count:** 3



• Locations: .devcontainer/Dockerfile: 1 | api/Dockerfile: 34 | docker/couchbase-server/Dockerfile: 1

• Root Cause/How to fix: docker:S6471

#### - Make sure that using this pseudorandom number generator is safe here.

• Vulnerability Probability: MEDIUM

• Count: 18

```
• Locations: api/core/helper/moderation.py: 34 |
api/core/model_runtime/model_providers/volcengine_maas/legacy/volc_sdk/common.py: 47 |
api/core/tools/provider/builtin/azuredalle/tools/dalle3.py: 82 |
api/core/tools/provider/builtin/baidu_translate/tools/fieldtranslate.py: 47 |
api/core/tools/provider/builtin/baidu_translate/tools/language.py: 36 |
api/core/tools/provider/builtin/baidu_translate/tools/translate.py: 42 |
api/core/tools/provider/builtin/cogview/tools/cogview3.py: 92 |
api/core/tools/provider/builtin/comfyui/tools/comfyui_client.py: 82 |
api/core/tools/provider/builtin/comfyui/tools/comfyui_client.py: 84 |
api/core/tools/provider/builtin/comfyui/tools/comfyui_stable_diffusion.py: 286 |
api/core/tools/provider/builtin/dalle/tools/dalle3.py: 114 |
api/core/workflow/nodes/http_request/executor.py: 394 | api/libs/helper.py: 176 |
api/services/account_service.py: 260 | api/services/account_service.py: 409 |
api/services/account_service.py: 441 | api/services/dataset_service.py: 831 |
api/tests/unit_tests/core/helper/test_ssrf_proxy.py: 37
```

• Root Cause/How to fix: python:S2245

## - "password" detected here, review this potentially hard-coded credential.

• Vulnerability Probability: HIGH

• **Count:** 8

• Locations: api/libs/password.py: 6 | api/tests/integration\_tests/vdb/elasticsearch/test\_elasticsearch.py: 14 | api/tests/integration\_tests/vdb/milvus/test\_milvus.py: 17 | api/tests/integration\_tests/vdb/oceanbase/test\_oceanbase.py: 26 | api/tests/integration\_tests/vdb/oracle/test\_oraclevector.py: 19 | api/tests/integration\_tests/vdb/pgvecto\_rs/test\_pgvecto\_rs.py: 18 | api/tests/integration\_tests/vdb/pgvector/test\_pgvector.py: 18 | api/tests/unit\_tests/core/rag/datasource/vdb/milvus/test\_milvus.py: 8

• Root Cause/How to fix: python:S2068



- "token" detected here, make sure this is not a hard-coded secret.
  - Vulnerability Probability: HIGH
  - Count: 4
  - Locations: api/tests/integration\_tests/vdb/upstash/test\_upstash\_vector.py: 14 | api/tests/integration\_tests/vdb/weaviate/test\_weaviate.py: 16 | api/tests/unit\_tests/services/workflow/test\_workflow\_converter.py: 75 | api/tests/unit\_tests/services/workflow/test\_workflow\_converter.py: 136
  - Root Cause/How to fix: python:S6418
- "max\_tokensTip" detected here, make sure this is not a hard-coded secret.
  - Vulnerability Probability: HIGH
  - **Count:** 9
  - Locations: web/i18n/hi-IN/common.ts: 115 | web/i18n/ja-JP/common.ts: 115 | web/i18n/ko-KR/common.ts: 107 | web/i18n/ru-RU/common.ts: 115 | web/i18n/th-TH/common.ts: 110 | web/i18n/uk-UA/common.ts: 111 | web/i18n/vi-VN/common.ts: 111 | web/i18n/zh-Hans/common.ts: 115 | web/i18n/zh-Hant/common.ts: 111
  - Root Cause/How to fix: typescript:S6418
- Make sure this debug feature is deactivated before delivering the code in production.
  - Vulnerability Probability: LOW
  - **Count:** 1
  - Locations: api/tests/integration\_tests/tools/\_\_mock\_server/openapi\_todo.py: 40
  - Root Cause/How to fix: python:S4507
- Make sure automatically installing recommended packages is safe here.
  - Vulnerability Probability: LOW



• Count: 1

• Locations: api/Dockerfile: 60

• Root Cause/How to fix: docker:S6500

#### - Using http protocol is insecure. Use https instead

• Vulnerability Probability: LOW

• Count: 55

• Locations: api/configs/feature/\_\_init\_\_.py: 73 | api/core/helper/ssrf\_proxy.py: 16 | api/core/model\_runtime/model\_providers/baichuan/text\_embedding/text\_embedding.py: 36 | api/core/model\_runtime/model\_providers/huggingface\_tei/tei\_helper.py: 62 | api/core/model\_runtime/model\_providers/xinference/xinference\_helper.py: 86 | api/core/ops/entities/config\_entity.py: 34 | api/core/ops/entities/config\_entity.py: 83 | api/core/rag/datasource/vdb/elasticsearch/elasticsearch\_vector.py: 58 | api/core/rag/datasource/vdb/elasticsearch/elasticsearch\_vector.py: 58 | api/core/rag/extractor/word\_extractor.py: 218 | api/core/tools/provider/builtin/hap/tools/add\_worksheet\_record.py: 30 | api/core/tools/provider/builtin/hap/tools/delete\_worksheet\_record.py: 29 | api/core/tools/provider/builtin/hap/tools/get\_worksheet\_fields.py: 27 | api/core/tools/provider/builtin/hap/tools/get\_worksheet\_pivot\_data.py: 38 | api/core/tools/provider/builtin/hap/tools/list\_worksheet\_records.py: 30 | api/core/tools/provider/builtin/hap/tools/list\_worksheets.py: 24 | api/core/tools/provider/builtin/hap/tools/update\_worksheet\_record.py: 33 | api/core/tools/provider/builtin/spark/tools/spark\_img\_generation.py: 84 | api/core/tools/provider/builtin/tianditu/tools/geocoder.py: 19 api/core/tools/provider/builtin/tianditu/tools/poisearch.py: 19 | api/core/tools/provider/builtin/tianditu/tools/poisearch.py: 20 | api/core/tools/provider/builtin/tianditu/tools/staticmap.py: 20 | api/core/tools/provider/builtin/tianditu/tools/staticmap.py: 21 | api/core/workflow/nodes/http\_request/executor.py: 114 | api/services/external\_knowledge\_service.py: 75 | api/tests/integration\_tests/model\_runtime/vessl\_ai/test\_llm.py: 34 | api/tests/integration\_tests/tools/api\_tool/test\_api\_tool.py: 6 | api/tests/integration\_tests/vdb/lindorm/test\_lindorm.py: 10 | api/tests/integration\_tests/workflow/nodes/\_\_mock/http.py: 22 | api/tests/integration\_tests/workflow/nodes/test\_http.py: 73 | api/tests/integration\_tests/workflow/nodes/test\_http.py: 106 | api/tests/integration\_tests/workflow/nodes/test\_http.py: 135 | api/tests/integration\_tests/workflow/nodes/test\_http.py: 168 |

api/tests/integration\_tests/workflow/nodes/test\_http.py: 203 |



```
api/tests/integration_tests/workflow/nodes/test_http.py: 244 |
api/tests/integration_tests/workflow/nodes/test_http.py: 290 |
api/tests/integration_tests/workflow/nodes/test_http.py: 339 |
api/tests/integration_tests/workflow/nodes/test_http.py: 371 |
api/tests/integration_tests/workflow/nodes/test_http.py: 399 |
api/tests/integration_tests/workflow/nodes/test_http.py: 412 |
api/tests/integration_tests/workflow/nodes/test_http.py: 417 |
api/tests/integration_tests/workflow/nodes/test_http.py: 430 |
api/tests/unit_tests/configs/test_dify_config.py: 101 |
api/tests/unit_tests/configs/test_dify_config.py: 102 |
api/tests/unit_tests/core/helper/test_ssrf_proxy.py: 15 |
api/tests/unit_tests/core/helper/test_ssrf_proxy.py: 28 |
api/tests/unit_tests/core/helper/test_ssrf_proxy.py: 48 |
api/tests/unit_tests/core/workflow/nodes/http_request/test_http_request_executor.py: 275 |
api/tests/unit_tests/core/workflow/nodes/http_request/test_http_request_executor.py: 305 |
api/tests/unit_tests/core/workflow/nodes/http_request/test_http_request_node.py: 25 |
api/tests/unit_tests/core/workflow/nodes/http_request/test_http_request_node.py: 109 |
api/tests/unit_tests/core/workflow/nodes/test_continue_on_error.py: 66 |
api/tests/unit_tests/libs/test_yarl.py: 10 | api/tests/unit_tests/libs/test_yarl.py: 11 |
api/tests/unit_tests/libs/test_yarl.py: 12
```

• Root Cause/How to fix: python:S5332

# - Make sure the regex used here, which is vulnerable to polynomial runtime due to backtracking, cannot lead to denial of service.

```
• Vulnerability Probability: MEDIUM
```

• **Count:** 7

```
• Locations: api/core/indexing_runner.py: 505 | api/core/llm_generator/llm_generator.py: 55 | api/core/llm_generator/llm_generator.py: 242 | api/core/model_runtime/model_providers/sagemaker/llm/llm.py: 140 | api/core/rag/extractor/markdown_extractor.py: 98 | api/core/rag/index_processor/processor/qa_index_processor.py: 190 | api/models/model.py: 845
```

• Root Cause/How to fix: python:S5852

## - Make sure that this dynamic injection or execution of code is safe.

• Vulnerability Probability: MEDIUM

• Count: 2



- Locations: web/i18n/auto-gen-i18n.js: 55 | web/i18n/check-i18n.js: 29
- Root Cause/How to fix: javascript:S1523
- Omitting "--ignore-scripts" can lead to the execution of shell scripts. Make sure it is safe here.
  - Vulnerability Probability: LOW
  - Count: 1
  - Locations: web/Dockerfile: 22
  - Root Cause/How to fix: docker:S6505
- Make sure using this hardcoded IP address "8.8.8.8" is safe here.
  - Vulnerability Probability: LOW
  - Count: 1
  - Locations: api/configs/remote\_settings\_sources/apollo/utils.py: 46
  - Root Cause/How to fix: python:\$1313
- Make sure that hashing data is safe here.
  - Vulnerability Probability: LOW
  - Count: 10
  - Locations: api/configs/remote\_settings\_sources/apollo/client.py: 181 | api/configs/remote\_settings\_sources/apollo/utils.py: 18 | api/controllers/inner\_api/wraps.py: 52 | api/core/model\_runtime/model\_providers/tencent/speech2text/flash\_recognizer.py: 125 | api/core/tools/provider/builtin/aippt/tools/aippt.py: 362 | api/core/tools/provider/builtin/baidu\_translate/\_baidu\_translate\_tool\_base.py: 11 | api/core/tools/provider/builtin/baidu\_translate/tools/fieldtranslate.py: 78 | api/extensions/storage/baidu\_obs\_storage.py: 30 | api/libs/gmpy2\_pkcs10aep\_cipher.py: 119 | api/libs/gmpy2\_pkcs10aep\_cipher.py: 176
  - Root Cause/How to fix: python:S4790



### - Make sure that using clear-text protocols is safe here.

• Vulnerability Probability: LOW

• Count: 1

• Locations: api/Dockerfile: 55

• Root Cause/How to fix: docker:S5332

#### - Review this potentially hard-coded password.

• Vulnerability Probability: HIGH

• Count: 180

• Locations: web/i18n/de-DE/common.ts: 167 | web/i18n/de-DE/common.ts: 168 | web/i18n/de-DE/login.ts: 6 | web/i18n/de-DE/login.ts: 7 | web/i18n/de-DE/login.ts: 43 | web/i18n/de-DE/login.ts: 49 | web/i18n/de-DE/login.ts: 54 | web/i18n/de-DE/login.ts: 55 | web/i18n/de-DE/login.ts: 56 | web/i18n/en-US/common.ts: 174 | web/i18n/en-US/common.ts: 175 | web/i18n/en-US/login.ts: 6 | web/i18n/en-US/login.ts: 7 | web/i18n/en-US/login.ts: 49 | web/i18n/en-US/login.ts: 56 | web/i18n/en-US/login.ts: 61 | web/i18n/en-US/login.ts: 62 | web/i18n/en-US/login.ts: 63 | web/i18n/es-ES/common.ts: 171 | web/i18n/es-ES/common.ts: 172 | web/i18n/es-ES/login.ts: 6 | web/i18n/es-ES/login.ts: 7 | web/i18n/es-ES/login.ts: 44 | web/i18n/es-ES/login.ts: 50 | web/i18n/es-ES/login.ts: 55 | web/i18n/es-ES/login.ts: 56 | web/i18n/es-ES/login.ts: 57 | web/i18n/fa-IR/common.ts: 171 | web/i18n/fa-IR/common.ts: 172 | web/i18n/fa-IR/login.ts: 6 | web/i18n/fa-IR/login.ts: 7 | web/i18n/fa-IR/login.ts: 44 | web/i18n/fa-IR/login.ts: 50 | web/i18n/fa-IR/login.ts: 55 | web/i18n/fa-IR/login.ts: 56 | web/i18n/fa-IR/login.ts: 57 | web/i18n/fr-FR/common.ts: 167 | web/i18n/fr-FR/common.ts: 168 | web/i18n/fr-FR/login.ts: 6 | web/i18n/fr-FR/login.ts: 7 | web/i18n/fr-FR/login.ts: 43 | web/i18n/fr-FR/login.ts: 49 | web/i18n/fr-FR/login.ts: 54 | web/i18n/fr-FR/login.ts: 55 | web/i18n/fr-FR/login.ts: 56 | web/i18n/hi-IN/common.ts: 176 | web/i18n/hi-IN/common.ts: 178 | web/i18n/hi-IN/login.ts: 6 | web/i18n/hi-IN/login.ts: 7 | web/i18n/hi-IN/login.ts: 48 | web/i18n/hi-IN/login.ts: 54 | web/i18n/hi-IN/login.ts: 59 | web/i18n/hi-IN/login.ts: 60 | web/i18n/hi-IN/login.ts: 62 | web/i18n/it-IT/common.ts: 176 | web/i18n/it-IT/common.ts: 178 | web/i18n/it-IT/login.ts: 6 | web/i18n/it-IT/login.ts: 7 | web/i18n/it-IT/login.ts: 52 | web/i18n/it-IT/login.ts: 59 | web/i18n/it-IT/login.ts: 64 | web/i18n/it-IT/login.ts: 65 | web/i18n/it-IT/login.ts: 67 | web/i18n/ja-JP/common.ts: 171 | web/i18n/ja-JP/common.ts: 172 | web/i18n/ja-JP/login.ts: 6 | web/i18n/ja-JP/login.ts: 7 | web/i18n/ja-JP/login.ts: 44 | web/i18n/ja-JP/login.ts: 50 | web/i18n/ja-JP/login.ts: 55 | web/i18n/ja-JP/login.ts: 56 | web/i18n/ja-JP/login.ts: 57 | web/i18n/ko-KR/common.ts: 163 | web/i18n/ko-KR/common.ts: 164 | web/i18n/ko-KR/login.ts: 6 | web/i18n/ko-KR/login.ts: 7 | web/i18n/ko-KR/login.ts: 43 | web/i18n/ko-KR/login.ts: 49 | web/i18n/ko-KR/login.ts: 54 | web/i18n/ko-KR/login.ts: 55 | web/i18n/ko-KR/login.ts: 56 |



```
web/i18n/pl-PL/common.ts: 172 | web/i18n/pl-PL/common.ts: 174 | web/i18n/pl-PL/login.ts: 6 |
web/i18n/pl-PL/login.ts: 7 | web/i18n/pl-PL/login.ts: 48 | web/i18n/pl-PL/login.ts: 54 |
web/i18n/pl-PL/login.ts: 59 | web/i18n/pl-PL/login.ts: 61 | web/i18n/pl-PL/login.ts: 62 |
web/i18n/pt-BR/common.ts: 167 | web/i18n/pt-BR/common.ts: 168 | web/i18n/pt-BR/login.ts: 6 |
web/i18n/pt-BR/login.ts: 7 | web/i18n/pt-BR/login.ts: 43 | web/i18n/pt-BR/login.ts: 49 |
web/i18n/pt-BR/login.ts: 54 | web/i18n/pt-BR/login.ts: 55 | web/i18n/pt-BR/login.ts: 56 |
web/i18n/ro-RO/common.ts: 167 | web/i18n/ro-RO/common.ts: 168 | web/i18n/ro-RO/login.ts: 6 |
web/i18n/ro-RO/login.ts: 7 | web/i18n/ro-RO/login.ts: 44 | web/i18n/ro-RO/login.ts: 50 |
web/i18n/ro-RO/login.ts: 55 | web/i18n/ro-RO/login.ts: 56 | web/i18n/ro-RO/login.ts: 57 |
web/i18n/ru-RU/common.ts: 171 | web/i18n/ru-RU/common.ts: 172 | web/i18n/ru-RU/login.ts: 6 |
web/i18n/ru-RU/login.ts: 7 | web/i18n/ru-RU/login.ts: 44 | web/i18n/ru-RU/login.ts: 50 |
web/i18n/ru-RU/login.ts: 55 | web/i18n/ru-RU/login.ts: 56 | web/i18n/ru-RU/login.ts: 57 |
web/i18n/sl-SI/common.ts: 174 | web/i18n/sl-SI/common.ts: 175 | web/i18n/sl-SI/login.ts: 6 |
web/i18n/sl-SI/login.ts: 7 | web/i18n/sl-SI/login.ts: 44 | web/i18n/sl-SI/login.ts: 50 |
web/i18n/sl-SI/login.ts: 55 | web/i18n/sl-SI/login.ts: 56 | web/i18n/sl-SI/login.ts: 57 |
web/i18n/th-TH/common.ts: 169 | web/i18n/th-TH/common.ts: 170 | web/i18n/th-TH/login.ts: 6 |
web/i18n/th-TH/login.ts: 7 | web/i18n/th-TH/login.ts: 49 | web/i18n/th-TH/login.ts: 56 |
web/i18n/th-TH/login.ts: 61 | web/i18n/th-TH/login.ts: 62 | web/i18n/th-TH/login.ts: 63 |
web/i18n/tr-TR/common.ts: 171 | web/i18n/tr-TR/common.ts: 172 | web/i18n/tr-TR/login.ts: 6 |
web/i18n/tr-TR/login.ts: 7 | web/i18n/tr-TR/login.ts: 44 | web/i18n/tr-TR/login.ts: 50 |
web/i18n/tr-TR/login.ts: 55 | web/i18n/tr-TR/login.ts: 56 | web/i18n/tr-TR/login.ts: 57 |
web/i18n/uk-UA/common.ts: 167 | web/i18n/uk-UA/common.ts: 168 | web/i18n/uk-UA/login.ts: 6 |
web/i18n/uk-UA/login.ts: 7 | web/i18n/uk-UA/login.ts: 43 | web/i18n/uk-UA/login.ts: 49 |
web/i18n/uk-UA/login.ts: 54 | web/i18n/uk-UA/login.ts: 55 | web/i18n/uk-UA/login.ts: 56 |
web/i18n/vi-VN/common.ts: 167 | web/i18n/vi-VN/common.ts: 168 | web/i18n/vi-VN/login.ts: 6 |
web/i18n/vi-VN/login.ts: 7 | web/i18n/vi-VN/login.ts: 43 | web/i18n/vi-VN/login.ts: 49 |
web/i18n/vi-VN/login.ts: 54 | web/i18n/vi-VN/login.ts: 55 | web/i18n/vi-VN/login.ts: 56 |
web/i18n/zh-Hans/common.ts: 174 | web/i18n/zh-Hans/common.ts: 175 |
web/i18n/zh-Hans/login.ts: 6 | web/i18n/zh-Hans/login.ts: 7 | web/i18n/zh-Hans/login.ts: 49 |
web/i18n/zh-Hans/login.ts: 56 | web/i18n/zh-Hans/login.ts: 61 | web/i18n/zh-Hans/login.ts: 62 |
web/i18n/zh-Hans/login.ts: 63 | web/i18n/zh-Hant/common.ts: 167 |
web/i18n/zh-Hant/common.ts: 168 | web/i18n/zh-Hant/login.ts: 6 | web/i18n/zh-Hant/login.ts: 7 |
web/i18n/zh-Hant/login.ts: 43 | web/i18n/zh-Hant/login.ts: 49 | web/i18n/zh-Hant/login.ts: 54 |
web/i18n/zh-Hant/login.ts: 55 | web/i18n/zh-Hant/login.ts: 56
```

• Root Cause/How to fix: typescript:S2068

# - Make sure the regex used here, which is vulnerable to super-linear runtime due to backtracking, cannot lead to denial of service.

• Vulnerability Probability: MEDIUM

• Count: 11



• Locations: web/app/components/app/configuration/features/chat-group/opening-statement/index.tsx: 36 |

web/app/components/app/configuration/prompt-value-panel/utils.ts: 4 |

web/app/components/base/block-input/index.tsx: 12 |

web/app/components/base/chat/chat/utils.ts: 9 |

web/app/components/header/github-star/index.tsx: 45 |

web/app/components/workflow/nodes/\_base/components/support-var-input/index.tsx: 28 |

web/app/components/workflow/nodes/code/code-parser.ts: 71 |

web/app/components/workflow/nodes/variable-assigner/use-config.ts: 121 |

web/app/components/workflow/note-node/note-editor/utils.ts: 21 |

web/app/components/workflow/utils.ts: 441 | web/utils/format.ts: 10

• Root Cause/How to fix: typescript:S5852

### - Make sure that using this pseudorandom number generator is safe here.

• Vulnerability Probability: MEDIUM

• Count: 4

• Locations: web/app/components/base/audio-gallery/AudioPlayer.tsx: 122 |

web/app/components/base/audio-gallery/AudioPlayer.tsx: 125 | web/service/demo/index.tsx: 23 |

web/utils/index.ts: 30

• Root Cause/How to fix: typescript:S2245

## - Make sure not using "noopener" is safe here.

• Vulnerability Probability: LOW

• Count: 1

• Locations: web/app/components/app/overview/embedded/index.tsx: 106

• Root Cause/How to fix: typescript:S5148

## **ISSUES**

#### **ISSUES COUNT BY SEVERITY AND TYPES**

Type / Severity	INFO	MINOR	MAJOR	CRITICAL	BLOCKER
Bug	0	564	59	15	3
Vulnerability	0	4	1	0	0
Code Smell	2	1570	939	738	53

#### **ISSUES LIST**



## Method "\_bedrock\_retrieve\_and\_generate" has 23 parameters, which is greater than the 13 authorized.

• Type: CODE\_SMELL

• Severity: MAJOR

• Count: 16

• Locations: api/core/tools/provider/builtin/aws/tools/bedrock\_retrieve\_and\_generate.py: 124 | api/core/agent/base\_agent\_runner.py: 54 | api/core/tools/provider/builtin/aws/tools/bedrock\_retrieve\_and\_generate.py: 124 | api/core/agent/base\_agent\_runner.py: 54

• Root Cause/How to fix: python:S107

#### - Remove this unneeded "pass".

• Type: CODE\_SMELL

• Severity: MINOR

• **Count:** 8

• Locations: api/core/model\_runtime/model\_providers/sagemaker/llm/llm.py: 184 | api/core/model\_runtime/model\_providers/sagemaker/llm/llm.py: 184 |



api/core/model\_runtime/model\_providers/sagemaker/llm/llm.py: 184 | api/core/model\_runtime/model\_providers/sagemaker/llm/llm.py: 184

• Root Cause/How to fix: python:S2772

## - The length of a collection is always ">=0", so update this test to either "==0" or ">0".

• Type: BUG

• Severity: MAJOR

• Count: 8

• Locations: api/tests/integration\_tests/vdb/milvus/test\_milvus.py: 24 | api/tests/integration\_tests/vdb/milvus/test\_milvus.py: 24 |

api/tests/integration\_tests/vdb/milvus/test\_milvus.py: 24 | api/tests/integration\_tests/vdb/milvus/test\_milvus.py: 24 | api/tests/integration\_tests/vdb/milvus/test\_milvus.py: 24

• Root Cause/How to fix: python:S3981

## - '@/utils/classnames' imported multiple times.

• Type: CODE\_SMELL

• Severity: MINOR

• **Count:** 16

• Locations: web/app/components/header/account-dropdown/workplace-selector/index.tsx: 12 | web/app/components/datasets/create/step-one/index.tsx: 21 | web/app/components/datasets/create/step-one/index.tsx: 21 |



web/app/components/header/account-dropdown/workplace-selector/index.tsx: 12 | web/app/components/datasets/create/step-one/index.tsx: 21 | web/app/components/header/account-dropdown/workplace-selector/index.tsx: 12 | web/app/components/datasets/create/step-one/index.tsx: 21 | web/app/components/header/account-dropdown/workplace-selector/index.tsx: 12 | web/app/components/datasets/create/step-one/index.tsx: 21

• Root Cause/How to fix: typescript:S3863

## - Rename this variable; it shadows a builtin.

• Type: CODE\_SMELL

• Severity: MAJOR

• Count: 24 • Locations: api/core/indexing\_runner.py: 551 api/core/rag/index\_processor/processor/parent\_child\_index\_processor.py: 59 | api/core/rag/index\_processor/processor/parent\_child\_index\_processor.py: 188 | api/core/indexing\_runner.py: 551 api/core/rag/index\_processor/processor/parent\_child\_index\_processor.py: 59 | api/core/rag/index\_processor/processor/parent\_child\_index\_processor.py: 188 | api/core/indexing\_runner.py: 551 | api/core/rag/index\_processor/processor/parent\_child\_index\_processor.py: 59 | api/core/rag/index\_processor/processor/parent\_child\_index\_processor.py: 188 | api/core/indexing\_runner.py: 551 | api/core/rag/index\_processor/processor/parent\_child\_index\_processor.py: 59 | api/core/rag/index\_processor/processor/parent\_child\_index\_processor.py: 188 | api/core/indexing\_runner.py: 551 | api/core/rag/index\_processor/processor/parent\_child\_index\_processor.py: 59 | api/core/rag/index\_processor/processor/parent\_child\_index\_processor.py: 188 | api/core/indexing\_runner.py: 551 | api/core/rag/index\_processor/processor/parent\_child\_index\_processor.py: 59 | api/core/rag/index\_processor/processor/parent\_child\_index\_processor.py: 188 | api/core/indexing\_runner.py: 551 | api/core/rag/index\_processor/processor/parent\_child\_index\_processor.py: 59 | api/core/rag/index\_processor/processor/parent\_child\_index\_processor.py: 188 | api/core/indexing\_runner.py: 551 | api/core/rag/index\_processor/processor/parent\_child\_index\_processor.py: 59 | api/core/rag/index\_processor/processor/parent\_child\_index\_processor.py: 188

• Root Cause/How to fix: python:S5806



#### - Remove the unused local variable "e".

• Type: CODE\_SMELL

• Severity: MINOR

• Count: 80

• Locations: api/core/model\_runtime/model\_providers/deepseek/llm/llm.py: 132 | api/core/model\_runtime/model\_providers/sagemaker/llm/llm.py: 182 | api/controllers/console/auth/forgot\_password.py: 128 | api/controllers/console/auth/login.py: 125 | api/controllers/console/auth/login.py: 156 | api/controllers/console/auth/login.py: 194 | api/controllers/console/workspace/account.py: 283 | api/tasks/delete\_account\_task.py: 18 | api/services/dataset\_service.py: 1856 | api/core/rag/datasource/vdb/relyt\_vector.py: 68 | api/core/model\_runtime/model\_providers/deepseek/llm/llm.py: 132 | api/core/model\_runtime/model\_providers/sagemaker/llm/llm.py: 182 | api/controllers/console/auth/forgot\_password.py: 128 | api/controllers/console/auth/login.py: 125 | api/controllers/console/auth/login.py: 156 | api/controllers/console/auth/login.py: 194 | api/controllers/console/workspace/account.py: 283 | api/tasks/delete\_account\_task.py: 18 | api/services/dataset\_service.py: 1856 | api/core/rag/datasource/vdb/relyt\_relyt\_vector.py: 68 | api/core/model\_runtime/model\_providers/deepseek/llm/llm.py: 132 | api/core/model\_runtime/model\_providers/sagemaker/llm/llm.py: 182 | api/controllers/console/auth/forgot\_password.py: 128 | api/controllers/console/auth/login.py: 125 | api/controllers/console/auth/login.py: 156 | api/controllers/console/auth/login.py: 194 | api/controllers/console/workspace/account.py: 283 | api/tasks/delete\_account\_task.py: 18 | api/services/dataset\_service.py: 1856 | api/core/rag/datasource/vdb/relyt/relyt\_vector.py: 68 | api/core/model\_runtime/model\_providers/deepseek/llm/llm.py: 132 | api/core/model\_runtime/model\_providers/sagemaker/llm/llm.py: 182 | api/controllers/console/auth/forgot\_password.py: 128 | api/controllers/console/auth/login.py: 125 | api/controllers/console/auth/login.py: 156 | api/controllers/console/auth/login.py: 194 | api/controllers/console/workspace/account.py: 283 | api/tasks/delete\_account\_task.py: 18 | api/services/dataset\_service.py: 1856 | api/core/rag/datasource/vdb/relyt/relyt\_vector.py: 68 | api/core/model\_runtime/model\_providers/deepseek/llm/llm.py: 132 | api/core/model\_runtime/model\_providers/sagemaker/llm/llm.py: 182 | api/controllers/console/auth/forgot\_password.py: 128 | api/controllers/console/auth/login.py: 125 | api/controllers/console/auth/login.py: 156 | api/controllers/console/auth/login.py: 194 | api/controllers/console/workspace/account.py: 283 | api/tasks/delete\_account\_task.py: 18 | api/services/dataset\_service.py: 1856 | api/core/rag/datasource/vdb/relyt\_relyt\_vector.py: 68 | api/core/model\_runtime/model\_providers/deepseek/llm/llm.py: 132 | api/core/model\_runtime/model\_providers/sagemaker/llm/llm.py: 182 | api/controllers/console/auth/forgot\_password.py: 128 | api/controllers/console/auth/login.py: 125 | api/controllers/console/auth/login.py: 156 | api/controllers/console/auth/login.py: 194 | api/controllers/console/workspace/account.py: 283 | api/tasks/delete\_account\_task.py: 18 | api/services/dataset\_service.py: 1856 | api/core/rag/datasource/vdb/relyt/relyt\_vector.py: 68 |



```
api/core/model_runtime/model_providers/deepseek/llm/llm.py: 132 |
api/core/model_runtime/model_providers/sagemaker/llm/llm.py: 182 |
api/controllers/console/auth/forgot_password.py: 128 | api/controllers/console/auth/login.py: 125 |
api/controllers/console/auth/login.py: 156 | api/controllers/console/auth/login.py: 194 |
api/controllers/console/workspace/account.py: 283 | api/tasks/delete_account_task.py: 18 |
api/services/dataset_service.py: 1856 | api/core/rag/datasource/vdb/relyt/relyt_vector.py: 68 |
api/core/model_runtime/model_providers/deepseek/llm/llm.py: 132 |
api/core/model_runtime/model_providers/sagemaker/llm/llm.py: 182 |
api/controllers/console/auth/forgot_password.py: 128 | api/controllers/console/auth/login.py: 125 |
api/controllers/console/auth/login.py: 156 | api/controllers/console/auth/login.py: 194 |
api/controllers/console/workspace/account.py: 283 | api/tasks/delete_account_task.py: 18 |
api/services/dataset_service.py: 1856 | api/core/rag/datasource/vdb/relyt/relyt_vector.py: 68
```

• Root Cause/How to fix: python:S1481

#### - Add a <title> tag to this page.

• Type: BUG

• Severity: MAJOR

• Count: 16

• Locations: api/templates/delete\_account\_code\_email\_template\_en-US.html: 4 | api/templates/delete\_account\_success\_template\_en-US.html: 4 | api/templates/delete\_account\_code\_email\_template\_en-US.html: 4 | api/templates/delete\_account\_success\_template\_en-US.html: 4

• Root Cause/How to fix: Web:PageWithoutTitleCheck

## - Prefer using an optional chain expression instead, as it's more concise and easier to read.



```
• Type: CODE_SMELL
```

• Severity: MINOR

• Count: 32

```
• Locations: web/utils/clipboard.ts: 2 | web/app/components/app-sidebar/index.tsx: 72 |
             web/app/components/datasets/create/step-two/index.tsx: 1087 |
             web/app/components/datasets/create/step-two/index.tsx: 1098 | web/utils/clipboard.ts: 2 |
             web/app/components/app-sidebar/index.tsx: 72
             web/app/components/datasets/create/step-two/index.tsx: 1087 |
             web/app/components/datasets/create/step-two/index.tsx: 1098 | web/utils/clipboard.ts: 2 |
             web/app/components/app-sidebar/index.tsx: 72
             web/app/components/datasets/create/step-two/index.tsx: 1087 |
             web/app/components/datasets/create/step-two/index.tsx: 1098 | web/utils/clipboard.ts: 2 |
             web/app/components/app-sidebar/index.tsx: 72 |
             web/app/components/datasets/create/step-two/index.tsx: 1087 |
             web/app/components/datasets/create/step-two/index.tsx: 1098 | web/utils/clipboard.ts: 2 |
             web/app/components/app-sidebar/index.tsx: 72
             web/app/components/datasets/create/step-two/index.tsx: 1087 |
             web/app/components/datasets/create/step-two/index.tsx: 1098 | web/utils/clipboard.ts: 2 |
             web/app/components/app-sidebar/index.tsx: 72 |
             web/app/components/datasets/create/step-two/index.tsx: 1087
             web/app/components/datasets/create/step-two/index.tsx: 1098 | web/utils/clipboard.ts: 2 |
             web/app/components/app-sidebar/index.tsx: 72 |
             web/app/components/datasets/create/step-two/index.tsx: 1087 |
             web/app/components/datasets/create/step-two/index.tsx: 1098 | web/utils/clipboard.ts: 2 |
             web/app/components/app-sidebar/index.tsx: 72 |
             web/app/components/datasets/create/step-two/index.tsx: 1087 |
             web/app/components/datasets/create/step-two/index.tsx: 1098
```

• Root Cause/How to fix: typescript:S6582

#### - Replace this generic exception class with a more specific one.

• Type: CODE\_SMELL

• Severity: MAJOR

• Count: 144

• Locations: api/core/tools/provider/builtin/aws/tools/bedrock\_retrieve\_and\_generate.py: 233 |

api/core/rag/extractor/firecrawl/firecrawl\_app.py: 77 |

api/core/tools/provider/builtin/gitlab/tools/gitlab\_files.py: 42 |



```
api/core/model_runtime/model_providers/wenxin/_common.py: 52 |
api/core/rag/extractor/notion_extractor.py: 360 |
api/core/tools/provider/builtin/aippt/tools/aippt.py: 130 |
api/core/tools/provider/builtin/aippt/tools/aippt.py: 225 |
api/core/tools/provider/builtin/aippt/tools/aippt.py: 257 |
api/core/tools/provider/builtin/aippt/tools/aippt.py: 273 |
api/core/tools/provider/builtin/aippt/tools/aippt.py: 293 |
api/core/tools/provider/builtin/aippt/tools/aippt.py: 346 |
api/core/tools/provider/builtin/aippt/tools/aippt.py: 399
api/core/tools/provider/builtin/aippt/tools/aippt.py: 457 |
api/tasks/batch_clean_document_task.py: 33 | api/core/helper/module_import_helper.py: 17 |
api/core/helper/module_import_helper.py: 23 | api/core/helper/module_import_helper.py: 61 |
api/core/helper/module_import_helper.py: 63 |
api/core/tools/provider/builtin/aws/tools/bedrock_retrieve_and_generate.py: 233 |
api/core/rag/extractor/firecrawl/firecrawl_app.py: 77 |
api/core/tools/provider/builtin/gitlab/tools/gitlab_files.py: 42 |
api/core/model_runtime/model_providers/wenxin/_common.py: 52 |
api/core/rag/extractor/notion_extractor.py: 360 |
api/core/tools/provider/builtin/aippt/tools/aippt.py: 130 |
api/core/tools/provider/builtin/aippt/tools/aippt.py: 225 |
api/core/tools/provider/builtin/aippt/tools/aippt.py: 257 |
api/core/tools/provider/builtin/aippt/tools/aippt.py: 273 |
api/core/tools/provider/builtin/aippt/tools/aippt.py: 293 |
api/core/tools/provider/builtin/aippt/tools/aippt.py: 346 |
api/core/tools/provider/builtin/aippt/tools/aippt.py: 399 |
api/core/tools/provider/builtin/aippt/tools/aippt.py: 457 |
api/tasks/batch_clean_document_task.py: 33 | api/core/helper/module_import_helper.py: 17 |
api/core/helper/module_import_helper.py: 23 | api/core/helper/module_import_helper.py: 61 |
api/core/helper/module_import_helper.py: 63 |
api/core/tools/provider/builtin/aws/tools/bedrock_retrieve_and_generate.py: 233 |
api/core/rag/extractor/firecrawl/firecrawl_app.py: 77 |
api/core/tools/provider/builtin/gitlab/tools/gitlab_files.py: 42 |
api/core/model_runtime/model_providers/wenxin/_common.py: 52 |
api/core/rag/extractor/notion_extractor.py: 360 |
api/core/tools/provider/builtin/aippt/tools/aippt.py: 130 |
api/core/tools/provider/builtin/aippt/tools/aippt.py: 225 |
api/core/tools/provider/builtin/aippt/tools/aippt.py: 257 |
api/core/tools/provider/builtin/aippt/tools/aippt.py: 273 |
api/core/tools/provider/builtin/aippt/tools/aippt.py: 293 |
api/core/tools/provider/builtin/aippt/tools/aippt.py: 346 |
api/core/tools/provider/builtin/aippt/tools/aippt.py: 399 |
api/core/tools/provider/builtin/aippt/tools/aippt.py: 457
api/tasks/batch_clean_document_task.py: 33 | api/core/helper/module_import_helper.py: 17 |
api/core/helper/module_import_helper.py: 23 | api/core/helper/module_import_helper.py: 61 |
api/core/helper/module_import_helper.py: 63
```



```
api/core/tools/provider/builtin/aws/tools/bedrock_retrieve_and_generate.py: 233 |
api/core/rag/extractor/firecrawl/firecrawl_app.py: 77 |
api/core/tools/provider/builtin/gitlab/tools/gitlab_files.py: 42 |
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api/core/tools/provider/builtin/aippt/tools/aippt.py: 257 |
api/core/tools/provider/builtin/aippt/tools/aippt.py: 273 |
api/core/tools/provider/builtin/aippt/tools/aippt.py: 293 |
api/core/tools/provider/builtin/aippt/tools/aippt.py: 346 |
api/core/tools/provider/builtin/aippt/tools/aippt.py: 399 |
api/core/tools/provider/builtin/aippt/tools/aippt.py: 457 |
api/tasks/batch_clean_document_task.py: 33 | api/core/helper/module_import_helper.py: 17 |
api/core/helper/module_import_helper.py: 23 | api/core/helper/module_import_helper.py: 61 |
api/core/helper/module_import_helper.py: 63 |
api/core/tools/provider/builtin/aws/tools/bedrock_retrieve_and_generate.py: 233 |
api/core/rag/extractor/firecrawl/firecrawl_app.py: 77 |
api/core/tools/provider/builtin/gitlab/tools/gitlab_files.py: 42 |
api/core/model_runtime/model_providers/wenxin/_common.py: 52 |
api/core/rag/extractor/notion_extractor.py: 360 |
api/core/tools/provider/builtin/aippt/tools/aippt.py: 130 |
api/core/tools/provider/builtin/aippt/tools/aippt.py: 225 |
api/core/tools/provider/builtin/aippt/tools/aippt.py: 257 |
api/core/tools/provider/builtin/aippt/tools/aippt.py: 273 |
api/core/tools/provider/builtin/aippt/tools/aippt.py: 293 |
api/core/tools/provider/builtin/aippt/tools/aippt.py: 346
api/core/tools/provider/builtin/aippt/tools/aippt.py: 399 |
api/core/tools/provider/builtin/aippt/tools/aippt.py: 457 |
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api/core/helper/module_import_helper.py: 23 | api/core/helper/module_import_helper.py: 61 |
api/core/helper/module_import_helper.py: 63 |
api/core/tools/provider/builtin/aws/tools/bedrock_retrieve_and_generate.py: 233 |
api/core/rag/extractor/firecrawl/firecrawl_app.py: 77 |
api/core/tools/provider/builtin/gitlab/tools/gitlab_files.py: 42 |
api/core/model_runtime/model_providers/wenxin/_common.py: 52 |
api/core/rag/extractor/notion_extractor.py: 360 |
api/core/tools/provider/builtin/aippt/tools/aippt.py: 130 |
api/core/tools/provider/builtin/aippt/tools/aippt.py: 225 |
api/core/tools/provider/builtin/aippt/tools/aippt.py: 257 |
api/core/tools/provider/builtin/aippt/tools/aippt.py: 273 |
api/core/tools/provider/builtin/aippt/tools/aippt.py: 293 |
api/core/tools/provider/builtin/aippt/tools/aippt.py: 346 |
api/core/tools/provider/builtin/aippt/tools/aippt.py: 399 |
api/core/tools/provider/builtin/aippt/tools/aippt.py: 457
```



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api/tasks/batch_clean_document_task.py: 33 | api/core/helper/module_import_helper.py: 17 |
api/core/helper/module_import_helper.py: 23 | api/core/helper/module_import_helper.py: 61 |
api/core/helper/module_import_helper.py: 63 |
api/core/tools/provider/builtin/aws/tools/bedrock_retrieve_and_generate.py: 233 |
api/core/rag/extractor/firecrawl/firecrawl_app.py: 77 |
api/core/tools/provider/builtin/gitlab/tools/gitlab_files.py: 42 |
api/core/model_runtime/model_providers/wenxin/_common.py: 52 |
api/core/rag/extractor/notion_extractor.py: 360 |
api/core/tools/provider/builtin/aippt/tools/aippt.py: 130 |
api/core/tools/provider/builtin/aippt/tools/aippt.py: 225 |
api/core/tools/provider/builtin/aippt/tools/aippt.py: 257 |
api/core/tools/provider/builtin/aippt/tools/aippt.py: 273 |
api/core/tools/provider/builtin/aippt/tools/aippt.py: 293 |
api/core/tools/provider/builtin/aippt/tools/aippt.py: 346 |
api/core/tools/provider/builtin/aippt/tools/aippt.py: 399 |
api/core/tools/provider/builtin/aippt/tools/aippt.py: 457 |
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api/core/helper/module_import_helper.py: 23 | api/core/helper/module_import_helper.py: 61 |
api/core/helper/module_import_helper.py: 63 |
api/core/tools/provider/builtin/aws/tools/bedrock_retrieve_and_generate.py: 233 |
api/core/rag/extractor/firecrawl/firecrawl_app.py: 77 |
api/core/tools/provider/builtin/gitlab/tools/gitlab_files.py: 42 |
api/core/model_runtime/model_providers/wenxin/_common.py: 52 |
api/core/rag/extractor/notion_extractor.py: 360 |
api/core/tools/provider/builtin/aippt/tools/aippt.py: 130 |
api/core/tools/provider/builtin/aippt/tools/aippt.py: 225 |
api/core/tools/provider/builtin/aippt/tools/aippt.py: 257
api/core/tools/provider/builtin/aippt/tools/aippt.py: 273 |
api/core/tools/provider/builtin/aippt/tools/aippt.py: 293 |
api/core/tools/provider/builtin/aippt/tools/aippt.py: 346 |
api/core/tools/provider/builtin/aippt/tools/aippt.py: 399 |
api/core/tools/provider/builtin/aippt/tools/aippt.py: 457 |
api/tasks/batch_clean_document_task.py: 33 | api/core/helper/module_import_helper.py: 17 |
api/core/helper/module_import_helper.py: 23 | api/core/helper/module_import_helper.py: 61 |
api/core/helper/module_import_helper.py: 63
```

• Root Cause/How to fix: python:S112

## - Remove this useless assignment to variable "postData".

• Type: CODE\_SMELL

• Severity: MAJOR



• Count: 24

• Locations: web/app/(commonLayout)/app/(appDetailLayout)/[appId]/overview/tracing/provider-config-modal.tsx: 125 | web/app/components/datasets/documents/list.tsx: 477 | web/app/components/datasets/hit-testing/components/child-chunks-item.tsx: 17 | web/app/(commonLayout)/app/(appDetailLayout)/[appId]/overview/tracing/provider-config-modal.tsx: 125 | web/app/components/datasets/documents/list.tsx: 477 | web/app/components/datasets/hit-testing/components/child-chunks-item.tsx: 17 | web/app/(commonLayout)/app/(appDetailLayout)/[appId]/overview/tracing/provider-config-modal.tsx: 125 | web/app/components/datasets/documents/list.tsx: 477 | web/app/components/datasets/hit-testing/components/child-chunks-item.tsx: 17 | web/app/(commonLayout)/app/(appDetailLayout)/[appId]/overview/tracing/provider-config-modal.tsx: 125 | web/app/components/datasets/documents/list.tsx: 477 | web/app/components/datasets/hit-testing/components/child-chunks-item.tsx: 17 | web/app/(commonLayout)/app/(appDetailLayout)/[appId]/overview/tracing/provider-config-modal.tsx: 125 | web/app/components/datasets/documents/list.tsx: 477 | web/app/components/datasets/hit-testing/components/child-chunks-item.tsx: 17 | web/app/(commonLayout)/app/(appDetailLayout)/[appId]/overview/tracing/provider-config-modal.tsx: 125 | web/app/components/datasets/documents/list.tsx: 477 | web/app/components/datasets/hit-testing/components/child-chunks-item.tsx: 17 web/app/(commonLayout)/app/(appDetailLayout)/[appId]/overview/tracing/provider-config-modal.tsx: 125 | web/app/components/datasets/documents/list.tsx: 477 | web/app/components/datasets/hit-testing/components/child-chunks-item.tsx: 17 web/app/(commonLayout)/app/(appDetailLayout)/[appId]/overview/tracing/provider-config-modal.tsx: 125 | web/app/components/datasets/documents/list.tsx: 477 | web/app/components/datasets/hit-testing/components/child-chunks-item.tsx: 17

Root Cause/How to fix: typescript:S1854

#### - Take the required action to fix the issue indicated by this "FIXME" comment.

• Type: CODE\_SMELL

• Severity: MAJOR

• Count: 256

• Locations: api/core/model\_runtime/model\_providers/openai/llm/llm.py: 788 | api/core/tools/utils/text\_processing\_utils.py: 15 | api/services/entities/model\_provider\_entities.py: 154 | api/core/tools/entities/tool\_entities.py: 246 | api/controllers/console/app/conversation.py: 80 | api/core/agent/cot\_agent\_runner.py: 32 | api/core/agent\_runner.py: 320 | api/core/agent/cot\_chat\_agent\_runner.py: 83 | api/core/app/apps/advanced\_chat/app\_generator\_tts\_publisher.py: 77 | api/core/app/apps/agent\_chat/app\_generator.py: 203 | api/core/external\_data\_tool/factory.py: 27 |



```
api/core/helper/moderation.py: 38 | api/core/helper/module_import_helper.py: 20 |
api/core/model_runtime/model_providers/__base/model_provider.py: 107 |
api/core/model_runtime/model_providers/gitee_ai/tts/tts.py: 16 |
api/core/model_runtime/model_providers/gitee_ai/tts/tts.py: 51 |
api/core/model_runtime/model_providers/volcengine_maas/legacy/errors.py: 155 |
api/core/model_runtime/utils/encoders.py: 132 | api/core/model_runtime/utils/helper.py: 7 |
api/core/moderation/factory.py: 25 | api/core/provider_manager.py: 499 |
api/core/rag/datasource/vdb/baidu/baidu_vector.py: 88 |
api/core/rag/datasource/vdb/chroma/chroma_vector.py: 74 |
api/core/rag/datasource/vdb/chroma/chroma_vector.py: 79
api/core/rag/datasource/vdb/tidb_on_qdrant/tidb_service.py: 250 |
api/core/rag/datasource/vdb/vikingdb/vikingdb_vector.py: 126
api/core/rag/embedding/cached_embedding.py: 67
api/core/rag/embedding/cached_embedding.py: 119 | api/core/rag/extractor/extract_processor.py:
74 | api/core/rag/extractor/extract_processor.py: 99 |
api/core/rag/extractor/firecrawl/firecrawl_app.py: 52 |
api/core/rag/extractor/firecrawl/firecrawl_app.py: 85 |
api/core/model_runtime/model_providers/openai/llm/llm.py: 788 |
api/core/tools/utils/text_processing_utils.py: 15 | api/services/entities/model_provider_entities.py:
154 | api/core/tools/entities/tool_entities.py: 246 | api/controllers/console/app/conversation.py: 80
| api/core/agent/cot_agent_runner.py: 32 | api/core/agent/cot_agent_runner.py: 320 |
api/core/agent/cot_chat_agent_runner.py: 83 |
api/core/app/apps/advanced_chat/app_generator_tts_publisher.py: 77 |
api/core/app/apps/agent_chat/app_generator.py: 203 | api/core/external_data_tool/factory.py: 27 |
api/core/helper/moderation.py: 38 | api/core/helper/module_import_helper.py: 20 |
api/core/model_runtime/model_providers/__base/model_provider.py: 107 |
api/core/model_runtime/model_providers/gitee_ai/tts/tts.py: 16 |
api/core/model_runtime/model_providers/gitee_ai/tts/tts.py: 51 |
api/core/model_runtime/model_providers/volcengine_maas/legacy/errors.py: 155 |
api/core/model_runtime/utils/encoders.py: 132 | api/core/model_runtime/utils/helper.py: 7 |
api/core/moderation/factory.py: 25 | api/core/provider_manager.py: 499 |
api/core/rag/datasource/vdb/baidu/baidu_vector.py: 88 |
api/core/rag/datasource/vdb/chroma/chroma_vector.py: 74 |
api/core/rag/datasource/vdb/chroma/chroma_vector.py: 79 |
api/core/rag/datasource/vdb/tidb_on_qdrant/tidb_service.py: 250 |
api/core/rag/datasource/vdb/vikingdb/vikingdb_vector.py: 126 |
api/core/rag/embedding/cached_embedding.py: 67
api/core/rag/embedding/cached_embedding.py: 119 | api/core/rag/extractor/extract_processor.py:
74 | api/core/rag/extractor/extract_processor.py: 99 |
api/core/rag/extractor/firecrawl/firecrawl_app.py: 52 |
api/core/rag/extractor/firecrawl/firecrawl_app.py: 85 |
api/core/model_runtime/model_providers/openai/llm/llm.py: 788 |
api/core/tools/utils/text_processing_utils.py: 15 | api/services/entities/model_provider_entities.py:
154 | api/core/tools/entities/tool_entities.py: 246 | api/controllers/console/app/conversation.py: 80
| api/core/agent/cot_agent_runner.py: 32 | api/core/agent/cot_agent_runner.py: 320 |
```



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api/core/agent/cot_chat_agent_runner.py: 83 |
api/core/app/apps/advanced_chat/app_generator_tts_publisher.py: 77 |
api/core/app/apps/agent_chat/app_generator.py: 203 | api/core/external_data_tool/factory.py: 27 |
api/core/helper/moderation.py: 38 | api/core/helper/module_import_helper.py: 20 |
api/core/model_runtime/model_providers/__base/model_provider.py: 107 |
api/core/model_runtime/model_providers/gitee_ai/tts/tts.py: 16
api/core/model_runtime/model_providers/gitee_ai/tts/tts.py: 51 |
api/core/model_runtime/model_providers/volcengine_maas/legacy/errors.py: 155 |
api/core/model_runtime/utils/encoders.py: 132 | api/core/model_runtime/utils/helper.py: 7 |
api/core/moderation/factory.py: 25 | api/core/provider_manager.py: 499 |
api/core/rag/datasource/vdb/baidu/baidu_vector.py: 88 |
api/core/rag/datasource/vdb/chroma/chroma_vector.py: 74 |
api/core/rag/datasource/vdb/chroma/chroma_vector.py: 79 |
api/core/rag/datasource/vdb/tidb_on_qdrant/tidb_service.py: 250 |
api/core/rag/datasource/vdb/vikingdb/vikingdb_vector.py: 126
api/core/rag/embedding/cached_embedding.py: 67 |
api/core/rag/embedding/cached_embedding.py: 119 | api/core/rag/extractor/extract_processor.py:
74 | api/core/rag/extractor/extract_processor.py: 99 |
api/core/rag/extractor/firecrawl/firecrawl_app.py: 52 |
api/core/rag/extractor/firecrawl/firecrawl_app.py: 85 |
api/core/model_runtime/model_providers/openai/llm/llm.py: 788 |
api/core/tools/utils/text_processing_utils.py: 15 | api/services/entities/model_provider_entities.py:
154 | api/core/tools/entities/tool_entities.py: 246 | api/controllers/console/app/conversation.py: 80
| api/core/agent/cot_agent_runner.py: 32 | api/core/agent/cot_agent_runner.py: 320 |
api/core/agent/cot_chat_agent_runner.py: 83 |
api/core/app/apps/advanced_chat/app_generator_tts_publisher.py: 77 |
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api/core/helper/moderation.py: 38 | api/core/helper/module_import_helper.py: 20 |
api/core/model_runtime/model_providers/__base/model_provider.py: 107 |
api/core/model_runtime/model_providers/gitee_ai/tts/tts.py: 16 |
api/core/model_runtime/model_providers/gitee_ai/tts/tts.py: 51 |
api/core/model_runtime/model_providers/volcengine_maas/legacy/errors.py: 155 |
api/core/model_runtime/utils/encoders.py: 132 | api/core/model_runtime/utils/helper.py: 7 |
api/core/moderation/factory.py: 25 | api/core/provider_manager.py: 499 |
api/core/rag/datasource/vdb/baidu/baidu_vector.py: 88 |
api/core/rag/datasource/vdb/chroma/chroma_vector.py: 74 |
api/core/rag/datasource/vdb/chroma/chroma_vector.py: 79 |
api/core/rag/datasource/vdb/tidb_on_qdrant/tidb_service.py: 250 |
api/core/rag/datasource/vdb/vikingdb/vikingdb_vector.py: 126 |
api/core/rag/embedding/cached_embedding.py: 67
api/core/rag/embedding/cached_embedding.py: 119 | api/core/rag/extractor/extract_processor.py:
74 | api/core/rag/extractor/extract_processor.py: 99 |
api/core/rag/extractor/firecrawl/firecrawl_app.py: 52 |
api/core/rag/extractor/firecrawl/firecrawl_app.py: 85 |
api/core/model_runtime/model_providers/openai/llm/llm.py: 788 |
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api/core/tools/utils/text_processing_utils.py: 15 | api/services/entities/model_provider_entities.py:
154 | api/core/tools/entities/tool_entities.py: 246 | api/controllers/console/app/conversation.py: 80
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api/core/agent/cot_chat_agent_runner.py: 83 |
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api/core/model_runtime/model_providers/gitee_ai/tts/tts.py: 16
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api/core/model_runtime/model_providers/volcengine_maas/legacy/errors.py: 155 |
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api/core/rag/datasource/vdb/tidb_on_qdrant/tidb_service.py: 250 |
api/core/rag/datasource/vdb/vikingdb/vikingdb_vector.py: 126
api/core/rag/embedding/cached_embedding.py: 67
api/core/rag/embedding/cached_embedding.py: 119 | api/core/rag/extractor/extract_processor.py:
74 | api/core/rag/extractor/extract_processor.py: 99 |
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api/core/rag/extractor/firecrawl/firecrawl_app.py: 85 |
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154 | api/core/tools/entities/tool_entities.py: 246 | api/controllers/console/app/conversation.py: 80
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api/core/agent/cot_chat_agent_runner.py: 83 |
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api/core/model_runtime/model_providers/gitee_ai/tts/tts.py: 16 |
api/core/model_runtime/model_providers/gitee_ai/tts/tts.py: 51 |
api/core/model_runtime/model_providers/volcengine_maas/legacy/errors.py: 155 |
api/core/model_runtime/utils/encoders.py: 132 | api/core/model_runtime/utils/helper.py: 7 |
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api/core/rag/datasource/vdb/baidu/baidu_vector.py: 88 |
api/core/rag/datasource/vdb/chroma/chroma_vector.py: 74 |
api/core/rag/datasource/vdb/chroma/chroma_vector.py: 79 |
api/core/rag/datasource/vdb/tidb_on_qdrant/tidb_service.py: 250 |
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api/core/rag/embedding/cached_embedding.py: 67
api/core/rag/embedding/cached_embedding.py: 119 | api/core/rag/extractor/extract_processor.py:
74 | api/core/rag/extractor/extract_processor.py: 99 |
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api/core/rag/extractor/firecrawl/firecrawl_app.py: 52 |
api/core/rag/extractor/firecrawl/firecrawl_app.py: 85 |
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api/core/tools/utils/text_processing_utils.py: 15 | api/services/entities/model_provider_entities.py:
154 | api/core/tools/entities/tool_entities.py: 246 | api/controllers/console/app/conversation.py: 80
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api/core/agent/cot_chat_agent_runner.py: 83 |
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api/core/app/apps/agent_chat/app_generator.py: 203 | api/core/external_data_tool/factory.py: 27 |
api/core/helper/moderation.py: 38 | api/core/helper/module_import_helper.py: 20 |
api/core/model_runtime/model_providers/__base/model_provider.py: 107 |
api/core/model_runtime/model_providers/gitee_ai/tts/tts.py: 16 |
api/core/model_runtime/model_providers/gitee_ai/tts/tts.py: 51 |
api/core/model_runtime/model_providers/volcengine_maas/legacy/errors.py: 155 |
api/core/model_runtime/utils/encoders.py: 132 | api/core/model_runtime/utils/helper.py: 7 |
api/core/moderation/factory.py: 25 | api/core/provider_manager.py: 499 |
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api/core/rag/datasource/vdb/chroma/chroma_vector.py: 74 |
api/core/rag/datasource/vdb/chroma/chroma_vector.py: 79 |
api/core/rag/datasource/vdb/tidb_on_qdrant/tidb_service.py: 250 |
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api/core/rag/embedding/cached_embedding.py: 119 | api/core/rag/extractor/extract_processor.py:
74 | api/core/rag/extractor/extract_processor.py: 99 |
api/core/rag/extractor/firecrawl/firecrawl_app.py: 52 |
api/core/rag/extractor/firecrawl/firecrawl_app.py: 85 |
api/core/model_runtime/model_providers/openai/llm/llm.py: 788 |
api/core/tools/utils/text_processing_utils.py: 15 | api/services/entities/model_provider_entities.py:
154 | api/core/tools/entities/tool_entities.py: 246 | api/controllers/console/app/conversation.py: 80
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api/core/agent/cot_chat_agent_runner.py: 83 |
api/core/app/apps/advanced_chat/app_generator_tts_publisher.py: 77 |
api/core/app/apps/agent_chat/app_generator.py: 203 | api/core/external_data_tool/factory.py: 27 |
api/core/helper/moderation.py: 38 | api/core/helper/module_import_helper.py: 20 |
api/core/model_runtime/model_providers/__base/model_provider.py: 107 |
api/core/model_runtime/model_providers/gitee_ai/tts/tts.py: 16 |
api/core/model_runtime/model_providers/gitee_ai/tts/tts.py: 51 |
api/core/model_runtime/model_providers/volcengine_maas/legacy/errors.py: 155 |
api/core/model_runtime/utils/encoders.py: 132 | api/core/model_runtime/utils/helper.py: 7 |
api/core/moderation/factory.py: 25 | api/core/provider_manager.py: 499 |
api/core/rag/datasource/vdb/baidu/baidu_vector.py: 88 |
api/core/rag/datasource/vdb/chroma/chroma_vector.py: 74 |
api/core/rag/datasource/vdb/chroma/chroma_vector.py: 79 |
api/core/rag/datasource/vdb/tidb_on_qdrant/tidb_service.py: 250 |
api/core/rag/datasource/vdb/vikingdb/vikingdb_vector.py: 126
```



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api/core/rag/embedding/cached_embedding.py: 67 |
api/core/rag/embedding/cached_embedding.py: 119 | api/core/rag/extractor/extract_processor.py:
74 | api/core/rag/extractor/extract_processor.py: 99 |
api/core/rag/extractor/firecrawl/firecrawl_app.py: 52 |
api/core/rag/extractor/firecrawl/firecrawl_app.py: 85
```

• Root Cause/How to fix: python:S1134

## - Complete the task associated to this "TODO" comment.

```
• Type: CODE_SMELL
```

• Severity: INFO

• **Count:** 8

• Locations: api/core/app/task\_pipeline/workflow\_cycle\_manage.py: 111 |

api/core/app/task\_pipeline/workflow\_cycle\_manage.py: 111

• Root Cause/How to fix: python:S1135

#### - A fragment with only one child is redundant.

• Type: CODE\_SMELL

• Severity: MINOR

• Count: 40

• Locations: web/app/components/share/text-generation/index.tsx: 548 |

web/app/components/datasets/documents/detail/completed/segment-card.tsx: 158 |

web/app/components/datasets/formatted-text/flavours/edit-slice.tsx: 57 |

web/app/components/datasets/hit-testing/textarea.tsx: 109 |

web/app/components/datasets/settings/form/index.tsx: 242 |

web/app/components/share/text-generation/index.tsx: 548 |

web/app/components/datasets/documents/detail/completed/segment-card.tsx: 158 |

web/app/components/datasets/formatted-text/flavours/edit-slice.tsx: 57 |



```
web/app/components/datasets/hit-testing/textarea.tsx: 109 |
web/app/components/datasets/settings/form/index.tsx: 242 |
web/app/components/share/text-generation/index.tsx: 548
web/app/components/datasets/documents/detail/completed/segment-card.tsx: 158 |
web/app/components/datasets/formatted-text/flavours/edit-slice.tsx: 57 |
web/app/components/datasets/hit-testing/textarea.tsx: 109 |
web/app/components/datasets/settings/form/index.tsx: 242 |
web/app/components/share/text-generation/index.tsx: 548 |
web/app/components/datasets/documents/detail/completed/segment-card.tsx: 158 |
web/app/components/datasets/formatted-text/flavours/edit-slice.tsx: 57
web/app/components/datasets/hit-testing/textarea.tsx: 109 |
web/app/components/datasets/settings/form/index.tsx: 242 |
web/app/components/share/text-generation/index.tsx: 548
web/app/components/datasets/documents/detail/completed/segment-card.tsx: 158 |
web/app/components/datasets/formatted-text/flavours/edit-slice.tsx: 57 |
web/app/components/datasets/hit-testing/textarea.tsx: 109 |
web/app/components/datasets/settings/form/index.tsx: 242 |
web/app/components/share/text-generation/index.tsx: 548
web/app/components/datasets/documents/detail/completed/segment-card.tsx: 158 |
web/app/components/datasets/formatted-text/flavours/edit-slice.tsx: 57 |
web/app/components/datasets/hit-testing/textarea.tsx: 109 |
web/app/components/datasets/settings/form/index.tsx: 242 |
web/app/components/share/text-generation/index.tsx: 548 |
web/app/components/datasets/documents/detail/completed/segment-card.tsx: 158 |
web/app/components/datasets/formatted-text/flavours/edit-slice.tsx: 57 |
web/app/components/datasets/hit-testing/textarea.tsx: 109 |
web/app/components/datasets/settings/form/index.tsx: 242 |
web/app/components/share/text-generation/index.tsx: 548 |
web/app/components/datasets/documents/detail/completed/segment-card.tsx: 158 |
web/app/components/datasets/formatted-text/flavours/edit-slice.tsx: 57 |
web/app/components/datasets/hit-testing/textarea.tsx: 109 |
web/app/components/datasets/settings/form/index.tsx: 242
```

• Root Cause/How to fix: typescript:S6749

# - Provide multiple methods instead of using "focused" to determine which action to take.

• Type: CODE\_SMELL

• Severity: MAJOR

• **Count:** 8



• Locations: web/app/components/datasets/documents/detail/completed/child-segment-list.tsx: 64 | web/app/components/datasets/documents/detail/completed/child-segment-list.tsx: 64 |

• Root Cause/How to fix: typescript:S2301

## - Complete the task associated to this "TODO" comment.

• Type: CODE\_SMELL

• Severity: INFO

• Count: 8

• Locations: web/models/datasets.ts: 300 | web/models/datasets.ts:

• Root Cause/How to fix: typescript:S1135

## - Extract this nested ternary operation into an independent statement.

• Type: CODE\_SMELL

• Severity: MAJOR

• Count: 248

• Locations: web/app/components/datasets/hit-testing/index.tsx: 135 |
web/app/components/app/overview/settings/index.tsx: 182 |
web/app/(commonLayout)/app/(appDetailLayout)/[appId]/overview/tracing/panel.tsx: 77 |
web/app/commonLayout)/app/(appDetailLayout)/[appId]/overview/tracing/panel.tsx: 79 |
web/app/components/datasets/settings/form/index.tsx: 303 |
web/app/components/datasets/documents/detail/completed/index.tsx: 592 |
web/app/components/workflow/nodes/knowledge-retrieval/components/retrieval-config.tsx: 77 |
web/app/components/datasets/common/chunking-mode-label.tsx: 24 |
web/app/components/datasets/common/document-picker/index.tsx: 88 |
web/app/components/datasets/create/embedding-process/index.tsx: 83 |



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web/app/components/datasets/create/embedding-process/index.tsx: 85
web/app/components/datasets/create/embedding-process/index.tsx: 92 |
web/app/components/datasets/create/embedding-process/index.tsx: 140 |
web/app/components/datasets/create/step-two/index.tsx: 164 |
web/app/components/datasets/create/step-two/index.tsx: 291 |
web/app/components/datasets/create/step-two/index.tsx: 309 |
web/app/components/datasets/create/stepper/step.tsx: 23 |
web/app/components/datasets/create/stepper/step.tsx: 31 |
web/app/components/datasets/create/stepper/step.tsx: 41 |
web/app/components/datasets/documents/detail/completed/child-segment-list.tsx: 71
web/app/components/datasets/documents/detail/completed/child-segment-list.tsx: 76 |
web/app/components/datasets/documents/detail/completed/child-segment-list.tsx: 112
web/app/components/datasets/documents/detail/completed/child-segment-list.tsx: 183 |
web/app/components/datasets/documents/detail/completed/segment-card.tsx: 239 |
web/app/components/datasets/documents/detail/embedding/index.tsx: 82 |
web/app/components/datasets/documents/detail/embedding/index.tsx: 84 |
web/app/components/datasets/documents/detail/embedding/index.tsx: 91 |
web/app/components/datasets/documents/detail/embedding/index.tsx: 141 |
web/app/components/datasets/documents/detail/index.tsx: 259 |
web/app/components/datasets/documents/detail/metadata/index.tsx: 345 |
web/app/components/datasets/documents/index.tsx: 277
web/app/components/datasets/hit-testing/index.tsx: 135 |
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web/app/(commonLayout)/app/(appDetailLayout)/[appId]/overview/tracing/panel.tsx: 77 |
web/app/(commonLayout)/app/(appDetailLayout)/[appId]/overview/tracing/panel.tsx: 79 |
web/app/components/datasets/settings/form/index.tsx: 303 |
web/app/components/datasets/documents/detail/completed/index.tsx: 592
web/app/components/workflow/nodes/knowledge-retrieval/components/retrieval-config.tsx: 77 |
web/app/components/datasets/common/chunking-mode-label.tsx: 24 |
web/app/components/datasets/common/document-picker/index.tsx: 88 |
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web/app/components/datasets/documents/detail/completed/segment-card.tsx: 239 |
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web/app/components/datasets/documents/detail/embedding/index.tsx: 82 |
web/app/components/datasets/documents/detail/embedding/index.tsx: 84 |
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web/app/components/datasets/hit-testing/index.tsx: 135 |
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web/app/components/datasets/settings/form/index.tsx: 303 |
web/app/components/datasets/documents/detail/completed/index.tsx: 592
web/app/components/workflow/nodes/knowledge-retrieval/components/retrieval-config.tsx: 77
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web/app/components/datasets/common/chunking-mode-label.tsx: 24 |
web/app/components/datasets/common/document-picker/index.tsx: 88 |
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web/app/components/datasets/create/stepper/step.tsx: 41 |
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web/app/components/datasets/create/stepper/step.tsx: 23 |
web/app/components/datasets/create/stepper/step.tsx: 31 |
web/app/components/datasets/create/stepper/step.tsx: 41 |
web/app/components/datasets/documents/detail/completed/child-segment-list.tsx: 71 |
web/app/components/datasets/documents/detail/completed/child-segment-list.tsx: 76 |
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web/app/components/datasets/documents/detail/completed/child-segment-list.tsx: 112
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web/app/components/datasets/documents/detail/embedding/index.tsx: 91
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web/app/components/datasets/create/step-two/index.tsx: 164 |
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web/app/components/datasets/documents/detail/embedding/index.tsx: 141 |
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web/app/(commonLayout)/app/(appDetailLayout)/[appId]/overview/tracing/panel.tsx: 79 |
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web/app/components/datasets/settings/form/index.tsx: 303 |
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web/app/components/datasets/create/step-two/index.tsx: 164
web/app/components/datasets/create/step-two/index.tsx: 291 |
web/app/components/datasets/create/step-two/index.tsx: 309 |
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web/app/components/datasets/create/stepper/step.tsx: 31 |
web/app/components/datasets/create/stepper/step.tsx: 41 |
web/app/components/datasets/documents/detail/completed/child-segment-list.tsx: 71
web/app/components/datasets/documents/detail/completed/child-segment-list.tsx: 76 |
web/app/components/datasets/documents/detail/completed/child-segment-list.tsx: 112 |
web/app/components/datasets/documents/detail/completed/child-segment-list.tsx: 183 |
web/app/components/datasets/documents/detail/completed/segment-card.tsx: 239 |
web/app/components/datasets/documents/detail/embedding/index.tsx: 82 |
web/app/components/datasets/documents/detail/embedding/index.tsx: 84 |
web/app/components/datasets/documents/detail/embedding/index.tsx: 91 |
web/app/components/datasets/documents/detail/embedding/index.tsx: 141 |
web/app/components/datasets/documents/detail/index.tsx: 259 |
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web/app/components/datasets/documents/index.tsx: 277
web/app/components/datasets/hit-testing/index.tsx: 135 |
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web/app/(commonLayout)/app/(appDetailLayout)/[appId]/overview/tracing/panel.tsx: 77 |
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web/app/components/datasets/create/embedding-process/index.tsx: 92 |
web/app/components/datasets/create/embedding-process/index.tsx: 140 |
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web/app/components/datasets/create/step-two/index.tsx: 291 |
web/app/components/datasets/create/step-two/index.tsx: 309 |
web/app/components/datasets/create/stepper/step.tsx: 23 |
web/app/components/datasets/create/stepper/step.tsx: 31 |
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web/app/components/datasets/documents/detail/completed/child-segment-list.tsx: 71 | web/app/components/datasets/documents/detail/completed/child-segment-list.tsx: 76 | web/app/components/datasets/documents/detail/completed/child-segment-list.tsx: 112 | web/app/components/datasets/documents/detail/completed/child-segment-list.tsx: 112 | web/app/components/datasets/documents/detail/completed/child-segment-list.tsx: 183 | web/app/components/datasets/documents/detail/completed/segment-card.tsx: 239 | web/app/components/datasets/documents/detail/embedding/index.tsx: 82 | web/app/components/datasets/documents/detail/embedding/index.tsx: 91 | web/app/components/datasets/documents/detail/embedding/index.tsx: 141 | web/app/components/datasets/documents/detail/index.tsx: 259 | web/app/components/datasets/documents/detail/metadata/index.tsx: 345 | web/app/components/datasets/documents/detail/metadata/index.tsx: 345 | web/app/components/datasets/documents/index.tsx: 277
```

• Root Cause/How to fix: typescript:S3358

## - This assertion is unnecessary since it does not change the type of the expression.

• Type: CODE\_SMELL

• Severity: MINOR

• Count: 40

• Locations: web/app/components/workflow/nodes/document-extractor/panel.tsx: 109 web/app/components/datasets/create/step-two/index.tsx: 199 | web/app/components/datasets/create/step-two/index.tsx: 339 | web/app/components/datasets/create/step-two/index.tsx: 473 | web/app/components/datasets/create/step-two/index.tsx: 1025 | web/app/components/workflow/nodes/document-extractor/panel.tsx: 109 | web/app/components/datasets/create/step-two/index.tsx: 199 | web/app/components/datasets/create/step-two/index.tsx: 339 | web/app/components/datasets/create/step-two/index.tsx: 473 | web/app/components/datasets/create/step-two/index.tsx: 1025 | web/app/components/workflow/nodes/document-extractor/panel.tsx: 109 | web/app/components/datasets/create/step-two/index.tsx: 199 | web/app/components/datasets/create/step-two/index.tsx: 339 | web/app/components/datasets/create/step-two/index.tsx: 473 | web/app/components/datasets/create/step-two/index.tsx: 1025 | web/app/components/workflow/nodes/document-extractor/panel.tsx: 109 | web/app/components/datasets/create/step-two/index.tsx: 199 | web/app/components/datasets/create/step-two/index.tsx: 339 | web/app/components/datasets/create/step-two/index.tsx: 473 | web/app/components/datasets/create/step-two/index.tsx: 1025 |



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web/app/components/workflow/nodes/document-extractor/panel.tsx: 109
web/app/components/datasets/create/step-two/index.tsx: 199 |
web/app/components/datasets/create/step-two/index.tsx: 339
web/app/components/datasets/create/step-two/index.tsx: 473 |
web/app/components/datasets/create/step-two/index.tsx: 1025 |
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web/app/components/datasets/create/step-two/index.tsx: 199
web/app/components/datasets/create/step-two/index.tsx: 339 |
web/app/components/datasets/create/step-two/index.tsx: 473 |
web/app/components/datasets/create/step-two/index.tsx: 1025 |
web/app/components/workflow/nodes/document-extractor/panel.tsx: 109 |
web/app/components/datasets/create/step-two/index.tsx: 199 |
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web/app/components/datasets/create/step-two/index.tsx: 339 |
web/app/components/datasets/create/step-two/index.tsx: 473 |
web/app/components/datasets/create/step-two/index.tsx: 1025
```

## - Remove the unused function parameter "session".

• Severity: MAJOR
• Count: 32

• Type: CODE\_SMELL

• Locations: api/core/app/task\_pipeline/workflow\_cycle\_manage.py: 841 |
api/core/model\_runtime/model\_providers/wenxin/text\_embedding/text\_embedding.py: 52 |
api/core/rag/datasource/vdb/elasticsearch/elasticsearch\_vector.py: 169 |
api/core/app/task\_pipeline/workflow\_cycle\_manage.py: 841 |
api/core/model\_runtime/model\_providers/wenxin/text\_embedding/text\_embedding.py: 52 |
api/core/rag/datasource/vdb/elasticsearch/elasticsearch\_vector.py: 169 |
api/core/rag/datasource/vdb/elasticsearch/elasticsearch\_vector.py: 170 |
api/core/app/task\_pipeline/workflow\_cycle\_manage.py: 841 |
api/core/model\_runtime/model\_providers/wenxin/text\_embedding/text\_embedding.py: 52 |
api/core/rag/datasource/vdb/elasticsearch/elasticsearch\_vector.py: 169 |
api/core/rag/datasource/vdb/elasticsearch/elasticsearch\_vector.py: 169 |
api/core/rag/datasource/vdb/elasticsearch/elasticsearch\_vector.py: 170 |
api/core/app/task\_pipeline/workflow\_cycle\_manage.py: 841 |



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api/core/model_runtime/model_providers/wenxin/text_embedding/text_embedding.py: 52 |
api/core/rag/datasource/vdb/elasticsearch/elasticsearch_vector.py: 169 |
api/core/rag/datasource/vdb/elasticsearch/elasticsearch_vector.py: 170 |
api/core/app/task_pipeline/workflow_cycle_manage.py: 841 |
api/core/model_runtime/model_providers/wenxin/text_embedding/text_embedding.py: 52 |
api/core/rag/datasource/vdb/elasticsearch/elasticsearch_vector.py: 169 |
api/core/rag/datasource/vdb/elasticsearch/elasticsearch_vector.py: 170 |
api/core/app/task_pipeline/workflow_cycle_manage.py: 841 |
api/core/model_runtime/model_providers/wenxin/text_embedding/text_embedding.py: 52 |
api/core/rag/datasource/vdb/elasticsearch/elasticsearch_vector.py: 169 |
api/core/rag/datasource/vdb/elasticsearch/elasticsearch_vector.py: 170 |
api/core/app/task_pipeline/workflow_cycle_manage.py: 841 |
api/core/model_runtime/model_providers/wenxin/text_embedding/text_embedding.py: 52 |
api/core/rag/datasource/vdb/elasticsearch/elasticsearch_vector.py: 169 |
api/core/rag/datasource/vdb/elasticsearch/elasticsearch_vector.py: 170 |
api/core/app/task_pipeline/workflow_cycle_manage.py: 841 |
api/core/model_runtime/model_providers/wenxin/text_embedding/text_embedding.py: 52 |
api/core/rag/datasource/vdb/elasticsearch/elasticsearch_vector.py: 169 |
api/core/rag/datasource/vdb/elasticsearch/elasticsearch_vector.py: 170
```

• Root Cause/How to fix: python:S1172

## - Sort these package names alphanumerically.

• Type: CODE\_SMELL

• Severity: MINOR

• **Count:** 8

• Locations: api/Dockerfile: 58 | api/Dockerfile: 5

• Root Cause/How to fix: docker:S7018

#### - Refactor this method to not always return the same value.

• Type: CODE\_SMELL

• Severity: BLOCKER



• **Locations:** api/core/rag/extractor/firecrawl/firecrawl\_app.py: 109 api/core/rag/extractor/firecrawl/firecrawl\_app.py: 118 | api/core/rag/extractor/firecrawl/firecrawl\_app.py: 109 api/core/rag/extractor/firecrawl/firecrawl\_app.py: 118 | api/core/rag/extractor/firecrawl/firecrawl\_app.py: 109 | api/core/rag/extractor/firecrawl/firecrawl\_app.py: 118

• Root Cause/How to fix: python:S3516

### - Remove or correct this useless self-assignment.

• Type: BUG

• Severity: MAJOR

• **Count:** 8

• Locations: api/core/rag/index\_processor/processor/parent\_child\_index\_processor.py: 67 | api/core/rag/index\_processor/parent\_child\_index\_processor.py: 67 | api/

• Root Cause/How to fix: python:S1656

# - Change this argument; Function "\_add\_custom\_parameters" expects a different type

• Type: CODE\_SMELL



• Severity: CRITICAL

• Count: 8

• Locations: api/core/model\_runtime/model\_providers/gitee\_ai/text\_embedding/text\_embedding.py: 23 | api/core/model\_runtime/model\_providers/gitee\_ai/text\_embedding/text\_embedding/text\_embedding/text\_embedding/text\_embedding/text\_embedding/text\_embedding/text\_embedding/text\_embedding/text\_embedding/text\_embedding/text\_embedding/text\_embedding/text\_embedding/text\_embedding/text\_embedding/text\_

• Root Cause/How to fix: python:S5655

# - Replace the type hint "str" with "Optional[str]" or don't assign "None" to "sagemaker\_endpoint"

• Type: CODE\_SMELL

• Severity: MAJOR

• Count: 8

• Locations: api/core/tools/provider/builtin/aws/tools/sagemaker\_text\_rerank.py: 13 | api/core/tools/provider/builtin/aws/tools/sagemaker\_text\_reran

• Root Cause/How to fix: python:\$5890

#### - Do not use Array index in keys

• Type: CODE\_SMELL

• Severity: MAJOR



```
• Locations: web/app/components/datasets/hit-testing/index.tsx: 88
             web/app/(commonLayout)/datasets/Doc.tsx: 86 |
             web/app/components/base/linked-apps-panel/index.tsx: 57 |
             web/app/components/datasets/create/stepper/index.tsx: 16
             web/app/components/datasets/documents/detail/completed/common/empty.tsx: 69 |
             web/app/components/datasets/documents/detail/completed/skeleton/full-doc-list-skeleton.tsx:
             web/app/components/datasets/documents/detail/completed/skeleton/general-list-skeleton.tsx:
             55 |
             web/app/components/datasets/documents/detail/completed/skeleton/general-list-skeleton.tsx:
             57 l
             web/app/components/datasets/documents/detail/completed/skeleton/paragraph-list-skeleton.tsx:
             57 |
             web/app/components/datasets/documents/detail/completed/skeleton/paragraph-list-skeleton.tsx:
             59 | web/app/components/datasets/documents/detail/embedding/skeleton/index.tsx: 54 |
             web/app/components/datasets/hit-testing/index.tsx: 88 |
             web/app/(commonLayout)/datasets/Doc.tsx: 86 |
             web/app/components/base/linked-apps-panel/index.tsx: 57 |
             web/app/components/datasets/create/stepper/index.tsx: 16 |
             web/app/components/datasets/documents/detail/completed/common/empty.tsx: 69 |
             web/app/components/datasets/documents/detail/completed/skeleton/full-doc-list-skeleton.tsx:
             20 |
             web/app/components/datasets/documents/detail/completed/skeleton/general-list-skeleton.tsx:
             55 |
             web/app/components/datasets/documents/detail/completed/skeleton/general-list-skeleton.tsx:
             57 |
             web/app/components/datasets/documents/detail/completed/skeleton/paragraph-list-skeleton.tsx:
             57
             web/app/components/datasets/documents/detail/completed/skeleton/paragraph-list-skeleton.tsx:\\
             59 | web/app/components/datasets/documents/detail/embedding/skeleton/index.tsx: 54 |
             web/app/components/datasets/hit-testing/index.tsx: 88 |
             web/app/(commonLayout)/datasets/Doc.tsx: 86 |
             web/app/components/base/linked-apps-panel/index.tsx: 57 |
             web/app/components/datasets/create/stepper/index.tsx: 16
             web/app/components/datasets/documents/detail/completed/common/empty.tsx: 69
             web/app/components/datasets/documents/detail/completed/skeleton/full-doc-list-skeleton.tsx:
             20 |
             web/app/components/datasets/documents/detail/completed/skeleton/general-list-skeleton.tsx:
             55 |
             web/app/components/datasets/documents/detail/completed/skeleton/general-list-skeleton.tsx:
             57 |
             web/app/components/datasets/documents/detail/completed/skeleton/paragraph-list-skeleton.tsx:
             57 |
             web/app/components/datasets/documents/detail/completed/skeleton/paragraph-list-skeleton.tsx:
             59 | web/app/components/datasets/documents/detail/embedding/skeleton/index.tsx: 54 |
```



```
web/app/components/datasets/hit-testing/index.tsx: 88 |
web/app/(commonLayout)/datasets/Doc.tsx: 86 |
web/app/components/base/linked-apps-panel/index.tsx: 57 |
web/app/components/datasets/create/stepper/index.tsx: 16
web/app/components/datasets/documents/detail/completed/common/empty.tsx: 69 |
web/app/components/datasets/documents/detail/completed/skeleton/full-doc-list-skeleton.tsx:
web/app/components/datasets/documents/detail/completed/skeleton/general-list-skeleton.tsx:
55 |
web/app/components/datasets/documents/detail/completed/skeleton/general-list-skeleton.tsx:
57 l
web/app/components/datasets/documents/detail/completed/skeleton/paragraph-list-skeleton.tsx:
57 |
web/app/components/datasets/documents/detail/completed/skeleton/paragraph-list-skeleton.tsx:
59 | web/app/components/datasets/documents/detail/embedding/skeleton/index.tsx: 54 |
web/app/components/datasets/hit-testing/index.tsx: 88 |
web/app/(commonLayout)/datasets/Doc.tsx: 86 |
web/app/components/base/linked-apps-panel/index.tsx: 57 |
web/app/components/datasets/create/stepper/index.tsx: 16 |
web/app/components/datasets/documents/detail/completed/common/empty.tsx: 69 |
web/app/components/datasets/documents/detail/completed/skeleton/full-doc-list-skeleton.tsx:
20 |
web/app/components/datasets/documents/detail/completed/skeleton/general-list-skeleton.tsx:
55 |
web/app/components/datasets/documents/detail/completed/skeleton/general-list-skeleton.tsx:
57 |
web/app/components/datasets/documents/detail/completed/skeleton/paragraph-list-skeleton.tsx:
57
web/app/components/datasets/documents/detail/completed/skeleton/paragraph-list-skeleton.tsx:\\
59 | web/app/components/datasets/documents/detail/embedding/skeleton/index.tsx: 54 |
web/app/components/datasets/hit-testing/index.tsx: 88 |
web/app/(commonLayout)/datasets/Doc.tsx: 86 |
web/app/components/base/linked-apps-panel/index.tsx: 57 |
web/app/components/datasets/create/stepper/index.tsx: 16
web/app/components/datasets/documents/detail/completed/common/empty.tsx: 69
web/app/components/datasets/documents/detail/completed/skeleton/full-doc-list-skeleton.tsx:
20 |
web/app/components/datasets/documents/detail/completed/skeleton/general-list-skeleton.tsx:
55 |
web/app/components/datasets/documents/detail/completed/skeleton/general-list-skeleton.tsx:
57 |
web/app/components/datasets/documents/detail/completed/skeleton/paragraph-list-skeleton.tsx:
57 |
web/app/components/datasets/documents/detail/completed/skeleton/paragraph-list-skeleton.tsx:
59 | web/app/components/datasets/documents/detail/embedding/skeleton/index.tsx: 54 |
```



```
web/app/components/datasets/hit-testing/index.tsx: 88 |
web/app/(commonLayout)/datasets/Doc.tsx: 86 |
web/app/components/base/linked-apps-panel/index.tsx: 57 |
web/app/components/datasets/create/stepper/index.tsx: 16 |
web/app/components/datasets/documents/detail/completed/common/empty.tsx: 69 |
web/app/components/datasets/documents/detail/completed/skeleton/full-doc-list-skeleton.tsx:
web/app/components/datasets/documents/detail/completed/skeleton/general-list-skeleton.tsx:
55 |
web/app/components/datasets/documents/detail/completed/skeleton/general-list-skeleton.tsx:
57 l
web/app/components/datasets/documents/detail/completed/skeleton/paragraph-list-skeleton.tsx:
57 |
web/app/components/datasets/documents/detail/completed/skeleton/paragraph-list-skeleton.tsx:\\
59 | web/app/components/datasets/documents/detail/embedding/skeleton/index.tsx: 54 |
web/app/components/datasets/hit-testing/index.tsx: 88 |
web/app/(commonLayout)/datasets/Doc.tsx: 86 |
web/app/components/base/linked-apps-panel/index.tsx: 57 |
web/app/components/datasets/create/stepper/index.tsx: 16 |
web/app/components/datasets/documents/detail/completed/common/empty.tsx: 69 |
web/app/components/datasets/documents/detail/completed/skeleton/full-doc-list-skeleton.tsx:
20 |
web/app/components/datasets/documents/detail/completed/skeleton/general-list-skeleton.tsx:
55 |
web/app/components/datasets/documents/detail/completed/skeleton/general-list-skeleton.tsx:
57 |
web/app/components/datasets/documents/detail/completed/skeleton/paragraph-list-skeleton.tsx:
57 |
web/app/components/datasets/documents/detail/completed/skeleton/paragraph-list-skeleton.tsx:\\
59 | web/app/components/datasets/documents/detail/embedding/skeleton/index.tsx: 54
```

#### - useState call is not destructured into value + setter pair

• Type: CODE\_SMELL

• Severity: MINOR

• Count: 16

• Locations: web/app/components/share/text-generation/index.tsx: 96 | web/app/components/datasets/formatted-text/flavours/edit-slice.tsx: 36 | web/app/components/share/text-generation/index.tsx: 96 |



web/app/components/datasets/formatted-text/flavours/edit-slice.tsx: 36 | web/app/components/share/text-generation/index.tsx: 96 | web/app/components/datasets/formatted-text/flavours/edit-slice.tsx: 36 | web/app/components/datasets/formatted-text/flavours/edit-slice.tsx: 36 | web/app/components/share/text-generation/index.tsx: 96 | web/app/components/share/text-generation/index.tsx: 96 |

• Root Cause/How to fix: typescript:S6754

## - Move this component definition out of the parent component and pass data as props.

• Type: CODE\_SMELL

• Severity: MAJOR

• **Count:** 8

• Locations: web/app/(commonLayout)/datasets/(datasetDetailLayout)/[datasetId]/layout.tsx: 215 | web/app/(commonLayout)/datasets/(datasetDetailLayout)/[datasetId]/layout.tsx: 215 |

• Root Cause/How to fix: typescript:S6478

## - Split this RUN instruction line into multiple lines.

• Type: CODE\_SMELL

• Severity: MINOR



• Locations: api/Dockerfile: 58 | api/Dockerfile: 5

• Root Cause/How to fix: docker:S7020

#### - Remove duplicates in this character class.

• Type: CODE\_SMELL

• Severity: MAJOR

• **Count:** 8

• Locations: web/app/account/delete-account/components/verify-email.tsx: 10 | web/app/account/delete-account/components/verify-email.tsx: 10 |

web/app/account/delete-account/components/verify-email.tsx: 10 |

 $web/app/account/delete-account/components/verify-email.tsx: 10 \mid$ 

web/app/account/delete-account/components/verify-email.tsx: 10  $\mid$ 

web/app/account/delete-account/components/verify-email.tsx: 10 |

web/app/account/delete-account/components/verify-email.tsx: 10 | web/app/account/delete-account/components/verify-email.tsx: 10

• Root Cause/How to fix: typescript:S5869

#### - Merge this if statement with the enclosing one.

• Type: CODE\_SMELL

• Severity: MAJOR

• **Count:** 32

• Locations: api/core/model\_runtime/model\_providers/openai/llm/llm.py: 630 |

api/core/rag/docstore/dataset\_docstore.py: 125 | api/core/agent/fc\_agent\_runner.py: 250 |

api/core/rag/datasource/vdb/elasticsearch/elasticsearch\_vector.py: 140 |

api/core/model\_runtime/model\_providers/openai/llm/llm.py: 630 |

api/core/rag/docstore/dataset\_docstore.py: 125 | api/core/agent/fc\_agent\_runner.py: 250 |

api/core/rag/datasource/vdb/elasticsearch/elasticsearch\_vector.py: 140 |

api/core/model\_runtime/model\_providers/openai/llm/llm.py: 630 |

api/core/rag/docstore/dataset\_docstore.py: 125 | api/core/agent/fc\_agent\_runner.py: 250 |

api/core/rag/datasource/vdb/elasticsearch/elasticsearch\_vector.py: 140 |

api/core/model\_runtime/model\_providers/openai/llm/llm.py: 630 |

api/core/rag/docstore/dataset\_docstore.py: 125 | api/core/agent/fc\_agent\_runner.py: 250 |



```
api/core/rag/datasource/vdb/elasticsearch/elasticsearch_vector.py: 140 |
api/core/model_runtime/model_providers/openai/llm/llm.py: 630 |
api/core/rag/docstore/dataset_docstore.py: 125 | api/core/agent/fc_agent_runner.py: 250 |
api/core/rag/datasource/vdb/elasticsearch/elasticsearch_vector.py: 140 |
api/core/model_runtime/model_providers/openai/llm/llm.py: 630 |
api/core/rag/docstore/dataset_docstore.py: 125 | api/core/agent/fc_agent_runner.py: 250 |
api/core/rag/datasource/vdb/elasticsearch/elasticsearch_vector.py: 140 |
api/core/rag/docstore/dataset_docstore.py: 125 | api/core/agent/fc_agent_runner.py: 250 |
api/core/rag/datasource/vdb/elasticsearch/elasticsearch_vector.py: 140 |
api/core/rag/datasource/vdb/elasticsearch/elasticsearch_vector.py: 140 |
api/core/model_runtime/model_providers/openai/llm/llm.py: 630 |
api/core/rag/docstore/dataset_docstore.py: 125 | api/core/agent/fc_agent_runner.py: 250 |
api/core/rag/docstore/dataset_docstore.py: 125 | api/core/agent/fc_agent_runner.py: 250 |
api/core/rag/datasource/vdb/elasticsearch/elasticsearch_vector.py: 140
```

• Root Cause/How to fix: python:S1066

#### - This condition is covered by the one on line 103

• Type: BUG

• Severity: MAJOR

• Count: 16

• Locations: web/app/(commonLayout)/app/(appDetailLayout)/[appId]/overview/tracing/panel.tsx: 105 | web/app/(commonLayout)/app/(appDetailLayout)/[appId]/overview/tracing/panel.tsx: 114 | web/app/(commonLayout)/app/(appDetailLayout)/[appId]/overview/tracing/panel.tsx: 105 | web/app/(commonLayout)/app/(appDetailLayout)/[appId]/overview/tracing/panel.tsx: 114

• Root Cause/How to fix: typescript:S1862

<sup>-</sup> Replace this "switch" statement by "if" statements to increase readability.



• Type: CODE\_SMELL

• Severity: MINOR

• Count: 8

• Locations: web/app/components/datasets/documents/detail/completed/index.tsx: 256

web/app/components/datasets/documents/detail/completed/index.tsx: 256 |

web/app/components/datasets/documents/detail/completed/index.tsx: 256

web/app/components/datasets/documents/detail/completed/index.tsx: 256

web/app/components/datasets/documents/detail/completed/index.tsx: 256

web/app/components/datasets/documents/detail/completed/index.tsx: 256 |

web/app/components/datasets/documents/detail/completed/index.tsx: 256 |

web/app/components/datasets/documents/detail/completed/index.tsx: 256

• Root Cause/How to fix: typescript:S1301

## - Mark the props of the component as read-only.

• Type: CODE\_SMELL

• Severity: MINOR

• Count: 40

• Locations: web/app/account/delete-account/components/check-email.tsx: 15

web/app/account/delete-account/components/feed-back.tsx:18 |

web/app/account/delete-account/components/verify-email.tsx: 17 |

web/app/account/delete-account/index.tsx: 15 | web/app/components/base/drawer/index.tsx: 25 |

web/app/account/delete-account/components/check-email.tsx: 15 |

web/app/account/delete-account/components/feed-back.tsx:18 |

web/app/account/delete-account/components/verify-email.tsx: 17 |

web/app/account/delete-account/index.tsx: 15 | web/app/components/base/drawer/index.tsx: 25 |

web/app/account/delete-account/components/check-email.tsx: 15 |

web/app/account/delete-account/components/feed-back.tsx: 18 |

web/app/account/delete-account/components/verify-email.tsx: 17 |

web/app/account/delete-account/index.tsx: 15 | web/app/components/base/drawer/index.tsx: 25 |

web/app/account/delete-account/components/check-email.tsx: 15 |

web/app/account/delete-account/components/feed-back.tsx: 18 |

web/app/account/delete-account/components/verify-email.tsx: 17 |

web/app/account/delete-account/index.tsx: 15 | web/app/components/base/drawer/index.tsx: 25 |

web/app/account/delete-account/components/check-email.tsx: 15 |

web/app/account/delete-account/components/feed-back.tsx: 18 |

web/app/account/delete-account/components/verify-email.tsx: 17 |



```
web/app/account/delete-account/components/check-email.tsx: 15 | web/app/account/delete-account/components/check-email.tsx: 15 | web/app/account/delete-account/components/feed-back.tsx: 18 | web/app/account/delete-account/components/verify-email.tsx: 17 | web/app/account/delete-account/index.tsx: 15 | web/app/components/base/drawer/index.tsx: 25 | web/app/account/delete-account/components/check-email.tsx: 15 | web/app/account/delete-account/components/feed-back.tsx: 18 | web/app/account/delete-account/components/verify-email.tsx: 17 | web/app/account/delete-account/index.tsx: 15 | web/app/components/base/drawer/index.tsx: 25 | web/app/account/delete-account/components/check-email.tsx: 15 | web/app/account/delete-account/components/feed-back.tsx: 18 | web/app/account/delete-account/components/feed-back.tsx: 18 | web/app/account/delete-account/components/verify-email.tsx: 17 | web/app/account/delete-account/components/verify-email.tsx: 17 | web/app/account/delete-account/components/verify-email.tsx: 25
```

- Introduce a new variable or use its initial value before reassigning 'db\_variables'.

• Type: BUG

• Severity: MINOR

• Count: 8

• Locations: api/core/agent/base\_agent\_runner.py: 409 | api/core/agent/base\_agent\_runner.py: 409

• Root Cause/How to fix: python:S1226

- The object passed as the value prop to the Context provider changes every render. To fix this consider wrapping it in a useMemo hook.

• Type: CODE\_SMELL

• Severity: MAJOR

• Count: 16

• Locations: web/app/components/datasets/documents/detail/completed/index.tsx: 572 | web/app/components/datasets/documents/detail/index.tsx: 182 | web/app/components/datasets/documents/detail/completed/index.tsx: 572 |



web/app/components/datasets/documents/detail/index.tsx: 182 |
web/app/components/datasets/documents/detail/completed/index.tsx: 572 |
web/app/components/datasets/documents/detail/index.tsx: 182 |

Root Cause/How to fix: typescript:S6481

## - Add "lang" and/or "xml:lang" attributes to this "<html>" element

• Type: BUG

• Severity: MAJOR

• Count: 16

• Locations: api/templates/delete\_account\_code\_email\_template\_en-US.html: 2 api/templates/delete\_account\_success\_template\_en-US.html: 2 | api/templates/delete\_account\_code\_email\_template\_en-US.html: 2 | api/templates/delete\_account\_success\_template\_en-US.html: 2 | api/templates/delete\_account\_code\_email\_template\_en-US.html: 2 | api/templates/delete\_account\_success\_template\_en-US.html: 2 | api/templates/delete\_account\_code\_email\_template\_en-US.html: 2 | api/templates/delete\_account\_success\_template\_en-US.html: 2 | api/templates/delete\_account\_code\_email\_template\_en-US.html: 2 api/templates/delete\_account\_success\_template\_en-US.html: 2 | api/templates/delete\_account\_code\_email\_template\_en-US.html: 2 | api/templates/delete\_account\_success\_template\_en-US.html: 2 | api/templates/delete\_account\_code\_email\_template\_en-US.html: 2 | api/templates/delete\_account\_success\_template\_en-US.html: 2 | api/templates/delete\_account\_code\_email\_template\_en-US.html: 2 | api/templates/delete\_account\_success\_template\_en-US.html: 2

• Root Cause/How to fix: Web:S5254

#### - Remove this redundant type alias and replace its occurrences with



### "FetchWorkflowDraftResponse".

• Type: CODE\_SMELL

• Severity: MAJOR

• Count: 8

• Locations: web/types/workflow.ts: 79 | web/types/workflow.ts: 79 | web/types/workflow.ts: 79 |

web/types/workflow.ts: 79 | web/types/workflow.ts: 79 | web/types/workflow.ts: 79 |

web/types/workflow.ts: 79 | web/types/workflow.ts: 79

• Root Cause/How to fix: typescript:S6564

# - Rename this field "maxTokens" to match the regular expression [a-z][a-z0-9].

• Type: CODE\_SMELL

• Severity: MINOR

• Count: 232

• Locations: api/core/tools/provider/builtin/aws/tools/bedrock\_config.py: 13 | api/core/tools/provider/builtin/aws/tools/bedrock\_config.py: 14 | api/core/tools/provider/builtin/aws/tools/bedrock\_config.py: 16 | api/core/tools/provider/builtin/aws/tools/bedrock\_config.py: 30 | api/core/tools/provider/builtin/aws/tools/bedrock\_config.py: 37 | api/core/tools/provider/builtin/aws/tools/bedrock\_config.py: 38 | api/core/tools/provider/builtin/aws/tools/bedrock\_config.py: 45 | api/core/tools/provider/builtin/aws/tools/bedrock\_config.py: 46 | api/core/tools/provider/builtin/aws/tools/bedrock\_config.py: 47 | api/core/tools/provider/builtin/aws/tools/bedrock\_config.py: 48 | api/core/tools/provider/builtin/aws/tools/bedrock\_config.py: 49 | api/core/tools/provider/builtin/aws/tools/bedrock\_config.py: 57 api/core/tools/provider/builtin/aws/tools/bedrock\_config.py: 58 | api/core/tools/provider/builtin/aws/tools/bedrock\_config.py: 65 | api/core/tools/provider/builtin/aws/tools/bedrock\_config.py: 72 | api/core/tools/provider/builtin/aws/tools/bedrock\_config.py: 73 | api/core/tools/provider/builtin/aws/tools/bedrock\_config.py: 74 | api/core/tools/provider/builtin/aws/tools/bedrock\_config.py: 75 | api/core/tools/provider/builtin/aws/tools/bedrock\_config.py: 82 | api/core/tools/provider/builtin/aws/tools/bedrock\_config.py: 83 | api/core/tools/provider/builtin/aws/tools/bedrock\_config.py: 84 | api/core/tools/provider/builtin/aws/tools/bedrock\_config.py: 85 |



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• Root Cause/How to fix: python:S116

- Avoid non-native interactive elements. If using native HTML is not possible, add an appropriate role and support for tabbing, mouse, keyboard, and touch inputs to an interactive content element.

• Type: CODE\_SMELL

• Severity: MINOR

• Count: 520

• Locations: web/app/components/workflow/nodes/\_base/components/node-control.tsx: 47 |



```
web/app/components/workflow/nodes/_base/components/node-control.tsx: 53 |
web/app/components/base/prompt-editor/plugins/component-picker-block/prompt-option.tsx:
22 |
web/app/components/base/prompt-editor/plugins/component-picker-block/variable-option.tsx:
web/app/components/workflow/note-node/note-editor/plugins/link-editor-plugin/component.tsx:
121
web/app/components/workflow/note-node/note-editor/plugins/link-editor-plugin/component.tsx:
131 | web/app/components/workflow/note-node/note-editor/toolbar/command.tsx: 66 |
web/app/components/workflow/note-node/note-editor/toolbar/font-size-selector.tsx: 56
web/app/components/workflow/note-node/note-editor/toolbar/operator.tsx: 53 |
web/app/components/workflow/note-node/note-editor/toolbar/operator.tsx: 63 |
web/app/components/workflow/note-node/note-editor/toolbar/operator.tsx: 76 |
web/app/components/workflow/note-node/note-editor/toolbar/operator.tsx: 90 |
web/app/account/account-page/AvatarWithEdit.tsx: 88 |
web/app/components/datasets/hit-testing/components/result-item-external.tsx: 28 |
web/app/components/datasets/hit-testing/components/result-item-footer.tsx: 31
web/app/components/app/overview/settings/index.tsx: 352 |
web/app/components/base/chat/chat/answer/workflow-process.tsx: 85 |
web/app/components/datasets/create/step-two/option-card.tsx: 62 |
web/app/components/datasets/hit-testing/components/result-item.tsx: 43 |
web/app/components/workflow/header/version-history-item.tsx: 49 |
web/app/components/header/account-dropdown/index.tsx: 119 |
web/app/components/header/account-dropdown/index.tsx: 185 |
web/app/components/header/account-dropdown/index.tsx: 199 |
web/app/components/header/account-dropdown/workplace-selector/index.tsx: 83 |
web/app/(commonLayout)/datasets/DatasetCard.tsx: 113 |
web/app/components/base/checkbox/index.tsx: 16 |
web/app/components/base/radio-card/index.tsx: 39 |
web/app/components/base/tag-input/index.tsx: 83 | web/app/components/base/tooltip/index.tsx:
99 | web/app/components/datasets/common/document-picker/document-list.tsx: 28 |
web/app/components/datasets/common/document-status-with-action/status-with-action.tsx: 60
| web/app/components/datasets/create/file-uploader/index.tsx: 283 |
web/app/components/datasets/create/file-uploader/index.tsx: 318 |
web/app/components/datasets/create/step-one/index.tsx: 278 |
web/app/components/datasets/create/step-two/index.tsx: 640 |
web/app/components/datasets/create/step-two/index.tsx: 652 |
web/app/components/datasets/create/step-two/index.tsx: 821 |
web/app/components/datasets/create/step-two/language-select/index.tsx: 29 |
web/app/components/datasets/documents/detail/completed/child-segment-detail.tsx: 102 |
web/app/components/datasets/documents/detail/completed/child-segment-detail.tsx: 105 |
web/app/components/datasets/documents/detail/completed/child-segment-list.tsx: 99 |
web/app/components/datasets/documents/detail/completed/new-child-segment.tsx: 141|
web/app/components/datasets/documents/detail/completed/new-child-segment.tsx: 144 |
web/app/components/datasets/documents/detail/completed/segment-card.tsx: 148 |
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web/app/components/datasets/documents/detail/completed/segment-card.tsx: 191
web/app/components/datasets/documents/detail/completed/segment-card.tsx: 204 |
web/app/components/datasets/documents/detail/completed/segment-card.tsx: 216
web/app/components/datasets/documents/detail/completed/segment-detail.tsx: 134 |
web/app/components/datasets/documents/detail/completed/segment-detail.tsx: 137 |
web/app/components/datasets/documents/detail/index.tsx: 191
web/app/components/datasets/documents/detail/metadata/index.tsx: 353 |
web/app/components/datasets/documents/detail/new-segment.tsx: 166 |
web/app/components/datasets/documents/detail/new-segment.tsx: 169
web/app/components/datasets/documents/detail/segment-add/index.tsx: 63
web/app/components/datasets/documents/detail/segment-add/index.tsx: 75 |
web/app/components/datasets/documents/list.tsx: 508 |
web/app/components/datasets/documents/list.tsx: 527
web/app/components/datasets/documents/list.tsx: 547 |
web/app/components/datasets/documents/list.tsx: 575 |
web/app/components/datasets/formatted-text/flavours/edit-slice.tsx: 92 |
web/app/components/datasets/hit-testing/components/result-item.tsx: 52 |
web/app/components/datasets/hit-testing/textarea.tsx: 127 |
web/app/components/workflow/operator/zoom-in-out.tsx: 146 |
web/app/components/workflow/operator/zoom-in-out.tsx: 159 |
web/app/components/workflow/operator/zoom-in-out.tsx: 164 |
web/app/components/workflow/nodes/_base/components/node-control.tsx: 47 |
web/app/components/workflow/nodes/_base/components/node-control.tsx: 53 |
web/app/components/base/prompt-editor/plugins/component-picker-block/prompt-option.tsx:
22 |
web/app/components/base/prompt-editor/plugins/component-picker-block/variable-option.tsx:
39 |
web/app/components/workflow/note-node/note-editor/plugins/link-editor-plugin/component.tsx:
web/app/components/workflow/note-node/note-editor/plugins/link-editor-plugin/component.tsx:
131 | web/app/components/workflow/note-node/note-editor/toolbar/command.tsx: 66 |
web/app/components/workflow/note-node/note-editor/toolbar/font-size-selector.tsx: 56 |
web/app/components/workflow/note-node/note-editor/toolbar/operator.tsx: 53 |
web/app/components/workflow/note-node/note-editor/toolbar/operator.tsx: 63 |
web/app/components/workflow/note-node/note-editor/toolbar/operator.tsx: 76
web/app/components/workflow/note-node/note-editor/toolbar/operator.tsx: 90 |
web/app/account/account-page/AvatarWithEdit.tsx: 88 |
web/app/components/datasets/hit-testing/components/result-item-external.tsx: 28 |
web/app/components/datasets/hit-testing/components/result-item-footer.tsx: 31 |
web/app/components/app/overview/settings/index.tsx: 352 |
web/app/components/base/chat/chat/answer/workflow-process.tsx: 85 |
web/app/components/datasets/create/step-two/option-card.tsx: 62 |
web/app/components/datasets/hit-testing/components/result-item.tsx: 43 |
web/app/components/workflow/header/version-history-item.tsx: 49 |
web/app/components/header/account-dropdown/index.tsx: 119 |
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web/app/components/header/account-dropdown/index.tsx: 185 |
web/app/components/header/account-dropdown/index.tsx: 199 |
web/app/components/header/account-dropdown/workplace-selector/index.tsx: 83 |
web/app/(commonLayout)/datasets/DatasetCard.tsx: 113 |
web/app/components/base/checkbox/index.tsx: 16 |
web/app/components/base/radio-card/index.tsx: 39 |
web/app/components/base/tag-input/index.tsx: 83 | web/app/components/base/tooltip/index.tsx:
99 | web/app/components/datasets/common/document-picker/document-list.tsx: 28 |
web/app/components/datasets/common/document-status-with-action/status-with-action.tsx: 60
| web/app/components/datasets/create/file-uploader/index.tsx: 283 |
web/app/components/datasets/create/file-uploader/index.tsx: 318 |
web/app/components/datasets/create/step-one/index.tsx: 278 |
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99 | web/app/components/datasets/common/document-picker/document-list.tsx: 28 |
web/app/components/datasets/common/document-status-with-action/status-with-action.tsx: 60
| web/app/components/datasets/create/file-uploader/index.tsx: 283 |
web/app/components/datasets/create/file-uploader/index.tsx: 318 |
web/app/components/datasets/create/step-one/index.tsx: 278 |
web/app/components/datasets/create/step-two/index.tsx: 640 |
web/app/components/datasets/create/step-two/index.tsx: 652 |
web/app/components/datasets/create/step-two/index.tsx: 821 |
web/app/components/datasets/create/step-two/language-select/index.tsx: 29 |
web/app/components/datasets/documents/detail/completed/child-segment-detail.tsx: 102 |
web/app/components/datasets/documents/detail/completed/child-segment-detail.tsx: 105 |
web/app/components/datasets/documents/detail/completed/child-segment-list.tsx: 99 |
web/app/components/datasets/documents/detail/completed/new-child-segment.tsx: 141
web/app/components/datasets/documents/detail/completed/new-child-segment.tsx: 144 |
web/app/components/datasets/documents/detail/completed/segment-card.tsx: 148 |
web/app/components/datasets/documents/detail/completed/segment-card.tsx: 191
web/app/components/datasets/documents/detail/completed/segment-card.tsx: 204
web/app/components/datasets/documents/detail/completed/segment-card.tsx: 216
```



```
web/app/components/datasets/documents/detail/completed/segment-detail.tsx: 134 |
web/app/components/datasets/documents/detail/completed/segment-detail.tsx: 137 |
web/app/components/datasets/documents/detail/index.tsx: 191
web/app/components/datasets/documents/detail/metadata/index.tsx: 353 |
web/app/components/datasets/documents/detail/new-segment.tsx: 166 |
web/app/components/datasets/documents/detail/new-segment.tsx: 169
web/app/components/datasets/documents/detail/segment-add/index.tsx: 63
web/app/components/datasets/documents/detail/segment-add/index.tsx: 75 |
web/app/components/datasets/documents/list.tsx: 508 |
web/app/components/datasets/documents/list.tsx: 527
web/app/components/datasets/documents/list.tsx: 547 |
web/app/components/datasets/documents/list.tsx: 575 |
web/app/components/datasets/formatted-text/flavours/edit-slice.tsx: 92 |
web/app/components/datasets/hit-testing/components/result-item.tsx: 52 |
web/app/components/datasets/hit-testing/textarea.tsx: 127
web/app/components/workflow/operator/zoom-in-out.tsx: 146 |
web/app/components/workflow/operator/zoom-in-out.tsx: 159 |
web/app/components/workflow/operator/zoom-in-out.tsx: 164 |
web/app/components/workflow/nodes/_base/components/node-control.tsx: 47 |
web/app/components/workflow/nodes/_base/components/node-control.tsx: 53 |
web/app/components/base/prompt-editor/plugins/component-picker-block/prompt-option.tsx:
22 l
web/app/components/base/prompt-editor/plugins/component-picker-block/variable-option.tsx:
39 |
web/app/components/workflow/note-node/note-editor/plugins/link-editor-plugin/component.tsx:
web/app/components/workflow/note-node/note-editor/plugins/link-editor-plugin/component.tsx:
131 | web/app/components/workflow/note-node/note-editor/toolbar/command.tsx: 66 |
web/app/components/workflow/note-node/note-editor/toolbar/font-size-selector.tsx: 56 |
web/app/components/workflow/note-node/note-editor/toolbar/operator.tsx: 53 |
web/app/components/workflow/note-node/note-editor/toolbar/operator.tsx: 63
web/app/components/workflow/note-node/note-editor/toolbar/operator.tsx: 76 |
web/app/components/workflow/note-node/note-editor/toolbar/operator.tsx: 90 |
web/app/account/account-page/AvatarWithEdit.tsx: 88 |
web/app/components/datasets/hit-testing/components/result-item-external.tsx: 28 |
web/app/components/datasets/hit-testing/components/result-item-footer.tsx: 31 |
web/app/components/app/overview/settings/index.tsx: 352 |
web/app/components/base/chat/chat/answer/workflow-process.tsx: 85 |
web/app/components/datasets/create/step-two/option-card.tsx: 62 |
web/app/components/datasets/hit-testing/components/result-item.tsx: 43 |
web/app/components/workflow/header/version-history-item.tsx: 49 |
web/app/components/header/account-dropdown/index.tsx: 119 |
web/app/components/header/account-dropdown/index.tsx: 185 |
web/app/components/header/account-dropdown/index.tsx: 199 |
web/app/components/header/account-dropdown/workplace-selector/index.tsx: 83 |
```



```
web/app/(commonLayout)/datasets/DatasetCard.tsx: 113 |
web/app/components/base/checkbox/index.tsx: 16 |
web/app/components/base/radio-card/index.tsx: 39 |
web/app/components/base/tag-input/index.tsx: 83 | web/app/components/base/tooltip/index.tsx:
99 | web/app/components/datasets/common/document-picker/document-list.tsx: 28 |
web/app/components/datasets/common/document-status-with-action/status-with-action.tsx: 60
| web/app/components/datasets/create/file-uploader/index.tsx: 283 |
web/app/components/datasets/create/file-uploader/index.tsx: 318 |
web/app/components/datasets/create/step-one/index.tsx: 278 |
web/app/components/datasets/create/step-two/index.tsx: 640 |
web/app/components/datasets/create/step-two/index.tsx: 652 |
web/app/components/datasets/create/step-two/index.tsx: 821 |
web/app/components/datasets/create/step-two/language-select/index.tsx: 29 |
web/app/components/datasets/documents/detail/completed/child-segment-detail.tsx: 102 |
web/app/components/datasets/documents/detail/completed/child-segment-detail.tsx: 105 |
web/app/components/datasets/documents/detail/completed/child-segment-list.tsx: 99 |
web/app/components/datasets/documents/detail/completed/new-child-segment.tsx: 141
web/app/components/datasets/documents/detail/completed/new-child-segment.tsx: 144 |
web/app/components/datasets/documents/detail/completed/segment-card.tsx: 148
web/app/components/datasets/documents/detail/completed/segment-card.tsx: 191 |
web/app/components/datasets/documents/detail/completed/segment-card.tsx: 204 |
web/app/components/datasets/documents/detail/completed/segment-card.tsx: 216
web/app/components/datasets/documents/detail/completed/segment-detail.tsx: 134 |
web/app/components/datasets/documents/detail/completed/segment-detail.tsx: 137 |
web/app/components/datasets/documents/detail/index.tsx: 191
web/app/components/datasets/documents/detail/metadata/index.tsx: 353 |
web/app/components/datasets/documents/detail/new-segment.tsx: 166
web/app/components/datasets/documents/detail/new-segment.tsx: 169 |
web/app/components/datasets/documents/detail/segment-add/index.tsx: 63 |
web/app/components/datasets/documents/detail/segment-add/index.tsx: 75 |
web/app/components/datasets/documents/list.tsx: 508 |
web/app/components/datasets/documents/list.tsx: 527 |
web/app/components/datasets/documents/list.tsx: 547 |
web/app/components/datasets/documents/list.tsx: 575 |
web/app/components/datasets/formatted-text/flavours/edit-slice.tsx: 92 |
web/app/components/datasets/hit-testing/components/result-item.tsx: 52 |
web/app/components/datasets/hit-testing/textarea.tsx: 127 |
web/app/components/workflow/operator/zoom-in-out.tsx: 146 |
web/app/components/workflow/operator/zoom-in-out.tsx: 159 |
web/app/components/workflow/operator/zoom-in-out.tsx: 164
```

<sup>-</sup> Prefer using nullish coalescing operator (`??`) instead of a logical or (`||`), as it is a safer operator.



• Type: CODE\_SMELL

• Severity: MINOR

```
• Locations: web/app/components/datasets/create/step-two/index.tsx: 101
             web/app/components/datasets/create/step-two/inputs.tsx: 42 |
             web/app/(commonLayout)/datasets/Doc.tsx: 38 | web/app/(commonLayout)/datasets/Doc.tsx: 39
             | web/service/refresh-token.ts: 26 | web/app/components/base/param-item/top-k-item.tsx: 15 |
             web/app/components/app/configuration/dataset-config/params-config/index.tsx: 104 |
             web/app/components/app/configuration/dataset-config/params-config/index.tsx: 105 |
             web/app/components/app/configuration/index.tsx: 291
             web/app/components/app/configuration/index.tsx: 292 |
             web/app/components/workflow/nodes/knowledge-retrieval/components/retrieval-config.tsx: 79 |
             web/app/components/workflow/nodes/knowledge-retrieval/components/retrieval-config.tsx: 80 |
             web/app/(commonLayout)/datasets/(datasetDetailLayout)/[datasetId]/layout.tsx: 80 |
             web/app/components/datasets/create/step-three/index.tsx: 38 |
             web/app/components/datasets/create/step-three/index.tsx: 48 |
             web/app/components/datasets/create/step-three/index.tsx: 56 |
             web/app/components/datasets/create/step-two/index.tsx: 219 |
             web/app/components/datasets/create/step-two/index.tsx: 273 |
             web/app/components/datasets/create/step-two/index.tsx: 286 |
             web/service/knowledge/use-document.ts: 56 | web/service/knowledge/use-document.ts: 80 |
             web/app/components/datasets/create/step-two/index.tsx: 101 |
             web/app/components/datasets/create/step-two/inputs.tsx: 42 |
             web/app/(commonLayout)/datasets/Doc.tsx: 38 | web/app/(commonLayout)/datasets/Doc.tsx: 39
             | web/service/refresh-token.ts: 26 | web/app/components/base/param-item/top-k-item.tsx: 15 |
             web/app/components/app/configuration/dataset-config/params-config/index.tsx: 104 |
             web/app/components/app/configuration/dataset-config/params-config/index.tsx: 105 |
             web/app/components/app/configuration/index.tsx: 291 |
             web/app/components/app/configuration/index.tsx: 292 |
             web/app/components/workflow/nodes/knowledge-retrieval/components/retrieval-config.tsx: 79 |
             web/app/components/workflow/nodes/knowledge-retrieval/components/retrieval-config.tsx: 80 |
             web/app/(commonLayout)/datasets/(datasetDetailLayout)/[datasetId]/layout.tsx: 80 |
             web/app/components/datasets/create/step-three/index.tsx: 38 |
             web/app/components/datasets/create/step-three/index.tsx: 48 |
             web/app/components/datasets/create/step-three/index.tsx: 56 |
             web/app/components/datasets/create/step-two/index.tsx: 219 |
             web/app/components/datasets/create/step-two/index.tsx: 273 |
             web/app/components/datasets/create/step-two/index.tsx: 286 |
             web/service/knowledge/use-document.ts: 56 | web/service/knowledge/use-document.ts: 80 |
             web/app/components/datasets/create/step-two/index.tsx: 101 |
             web/app/components/datasets/create/step-two/inputs.tsx: 42 |
             web/app/(commonLayout)/datasets/Doc.tsx: 38 | web/app/(commonLayout)/datasets/Doc.tsx: 39
```



```
| web/service/refresh-token.ts: 26 | web/app/components/base/param-item/top-k-item.tsx: 15 |
web/app/components/app/configuration/dataset-config/params-config/index.tsx: 104 |
web/app/components/app/configuration/dataset-config/params-config/index.tsx: 105 |
web/app/components/app/configuration/index.tsx: 291
web/app/components/app/configuration/index.tsx: 292 |
web/app/components/workflow/nodes/knowledge-retrieval/components/retrieval-config.tsx: 79 |
web/app/components/workflow/nodes/knowledge-retrieval/components/retrieval-config.tsx: 80 |
web/app/(commonLayout)/datasets/(datasetDetailLayout)/[datasetId]/layout.tsx: 80 |
web/app/components/datasets/create/step-three/index.tsx: 38 |
web/app/components/datasets/create/step-three/index.tsx: 48 |
web/app/components/datasets/create/step-three/index.tsx: 56 |
web/app/components/datasets/create/step-two/index.tsx: 219 |
web/app/components/datasets/create/step-two/index.tsx: 273 |
web/app/components/datasets/create/step-two/index.tsx: 286 |
web/service/knowledge/use-document.ts: 56 | web/service/knowledge/use-document.ts: 80 |
web/app/components/datasets/create/step-two/index.tsx: 101 |
web/app/components/datasets/create/step-two/inputs.tsx: 42 |
web/app/(commonLayout)/datasets/Doc.tsx: 38 | web/app/(commonLayout)/datasets/Doc.tsx: 39
| web/service/refresh-token.ts: 26 | web/app/components/base/param-item/top-k-item.tsx: 15 |
web/app/components/app/configuration/dataset-config/params-config/index.tsx: 104 |
web/app/components/app/configuration/dataset-config/params-config/index.tsx: 105 |
web/app/components/app/configuration/index.tsx: 291
web/app/components/app/configuration/index.tsx: 292
web/app/components/workflow/nodes/knowledge-retrieval/components/retrieval-config.tsx: 79 |
web/app/components/workflow/nodes/knowledge-retrieval/components/retrieval-config.tsx: 80 |
web/app/(commonLayout)/datasets/(datasetDetailLayout)/[datasetId]/layout.tsx: 80 |
web/app/components/datasets/create/step-three/index.tsx: 38 |
web/app/components/datasets/create/step-three/index.tsx: 48 |
web/app/components/datasets/create/step-three/index.tsx: 56 |
web/app/components/datasets/create/step-two/index.tsx: 219 |
web/app/components/datasets/create/step-two/index.tsx: 273 |
web/app/components/datasets/create/step-two/index.tsx: 286 |
web/service/knowledge/use-document.ts: 56 | web/service/knowledge/use-document.ts: 80 |
web/app/components/datasets/create/step-two/index.tsx: 101 |
web/app/components/datasets/create/step-two/inputs.tsx: 42 |
web/app/(commonLayout)/datasets/Doc.tsx: 38 | web/app/(commonLayout)/datasets/Doc.tsx: 39
| web/service/refresh-token.ts: 26 | web/app/components/base/param-item/top-k-item.tsx: 15 |
web/app/components/app/configuration/dataset-config/params-config/index.tsx: 104 |
web/app/components/app/configuration/dataset-config/params-config/index.tsx: 105 |
web/app/components/app/configuration/index.tsx: 291
web/app/components/app/configuration/index.tsx: 292
web/app/components/workflow/nodes/knowledge-retrieval/components/retrieval-config.tsx: 79 |
web/app/components/workflow/nodes/knowledge-retrieval/components/retrieval-config.tsx: 80 |
web/app/(commonLayout)/datasets/(datasetDetailLayout)/[datasetId]/layout.tsx: 80 |
web/app/components/datasets/create/step-three/index.tsx: 38 |
```



```
web/app/components/datasets/create/step-three/index.tsx: 48 |
web/app/components/datasets/create/step-three/index.tsx: 56 |
web/app/components/datasets/create/step-two/index.tsx: 219 |
web/app/components/datasets/create/step-two/index.tsx: 273 |
web/app/components/datasets/create/step-two/index.tsx: 286 |
web/service/knowledge/use-document.ts: 56 | web/service/knowledge/use-document.ts: 80 |
web/app/components/datasets/create/step-two/index.tsx: 101 |
web/app/components/datasets/create/step-two/inputs.tsx: 42 |
web/app/(commonLayout)/datasets/Doc.tsx: 38 | web/app/(commonLayout)/datasets/Doc.tsx: 39
| web/service/refresh-token.ts: 26 | web/app/components/base/param-item/top-k-item.tsx: 15 |
web/app/components/app/configuration/dataset-config/params-config/index.tsx: 104 |
web/app/components/app/configuration/dataset-config/params-config/index.tsx: 105 |
web/app/components/app/configuration/index.tsx: 291
web/app/components/app/configuration/index.tsx: 292 |
web/app/components/workflow/nodes/knowledge-retrieval/components/retrieval-config.tsx: 79 |
web/app/components/workflow/nodes/knowledge-retrieval/components/retrieval-config.tsx: 80 |
web/app/(commonLayout)/datasets/(datasetDetailLayout)/[datasetId]/layout.tsx: 80 |
web/app/components/datasets/create/step-three/index.tsx: 38 |
web/app/components/datasets/create/step-three/index.tsx: 48 |
web/app/components/datasets/create/step-three/index.tsx: 56 |
web/app/components/datasets/create/step-two/index.tsx: 219 |
web/app/components/datasets/create/step-two/index.tsx: 273 |
web/app/components/datasets/create/step-two/index.tsx: 286 |
web/service/knowledge/use-document.ts: 56 | web/service/knowledge/use-document.ts: 80 |
web/app/components/datasets/create/step-two/index.tsx: 101 |
web/app/components/datasets/create/step-two/inputs.tsx: 42 |
web/app/(commonLayout)/datasets/Doc.tsx: 38 | web/app/(commonLayout)/datasets/Doc.tsx: 39
| web/service/refresh-token.ts: 26 | web/app/components/base/param-item/top-k-item.tsx: 15 |
web/app/components/app/configuration/dataset-config/params-config/index.tsx: 104 |
web/app/components/app/configuration/dataset-config/params-config/index.tsx: 105
web/app/components/app/configuration/index.tsx: 291 |
web/app/components/app/configuration/index.tsx: 292 |
web/app/components/workflow/nodes/knowledge-retrieval/components/retrieval-config.tsx: 79 |
web/app/components/workflow/nodes/knowledge-retrieval/components/retrieval-config.tsx: 80 |
web/app/(commonLayout)/datasets/(datasetDetailLayout)/[datasetId]/layout.tsx: 80 |
web/app/components/datasets/create/step-three/index.tsx: 38 |
web/app/components/datasets/create/step-three/index.tsx: 48 |
web/app/components/datasets/create/step-three/index.tsx: 56 |
web/app/components/datasets/create/step-two/index.tsx: 219 |
web/app/components/datasets/create/step-two/index.tsx: 273 |
web/app/components/datasets/create/step-two/index.tsx: 286 |
web/service/knowledge/use-document.ts: 56 | web/service/knowledge/use-document.ts: 80 |
web/app/components/datasets/create/step-two/index.tsx: 101 |
web/app/components/datasets/create/step-two/inputs.tsx: 42 |
web/app/(commonLayout)/datasets/Doc.tsx: 38 | web/app/(commonLayout)/datasets/Doc.tsx: 39
```



```
| web/service/refresh-token.ts: 26 | web/app/components/base/param-item/top-k-item.tsx: 15 | web/app/components/app/configuration/dataset-config/params-config/index.tsx: 104 | web/app/components/app/configuration/dataset-config/params-config/index.tsx: 105 | web/app/components/app/configuration/index.tsx: 291 | web/app/components/app/configuration/index.tsx: 292 | web/app/components/workflow/nodes/knowledge-retrieval/components/retrieval-config.tsx: 79 | web/app/components/workflow/nodes/knowledge-retrieval/components/retrieval-config.tsx: 80 | web/app/components/datasets/(datasetDetailLayout)/[datasetId]/layout.tsx: 80 | web/app/components/datasets/create/step-three/index.tsx: 38 | web/app/components/datasets/create/step-three/index.tsx: 48 | web/app/components/datasets/create/step-three/index.tsx: 219 | web/app/components/datasets/create/step-two/index.tsx: 273 | web/app/components/datasets/create/step-two/index.tsx: 286 | web/service/knowledge/use-document.ts: 56 | web/service/knowledge/use-document.ts: 80
```

## - Rename this local variable "rerankingConfiguration" to match the regular expression [-a-z][a-z0-9]\*.

• Type: CODE\_SMELL

• Severity: MINOR

• Count: 8

• Locations: api/core/tools/provider/builtin/aws/tools/bedrock\_retrieve.py: 37 | api/core/tools/provider/builtin/aws/tools/bedrock\_retrieve.py

• Root Cause/How to fix: python:S117

## - Refactor this function to reduce its Cognitive Complexity from 42 to the 15 allowed.

• Type: CODE\_SMELL



• Severity: CRITICAL

```
• Locations: web/app/components/workflow/nodes/_base/components/variable/var-reference-picker.tsx: 93 |
             web/app/components/workflow/nodes/_base/node.tsx: 55 |
             web/app/components/workflow/nodes/knowledge-retrieval/utils.ts: 98 |
             web/app/(commonLayout)/app/(appDetailLayout)/[appId]/overview/tracing/provider-config-modal.tsx:
             104 | web/app/components/datasets/create/step-two/index.tsx: 146 |
             web/app/components/datasets/common/retrieval-method-config/index.tsx: 40 |
             web/app/components/datasets/create/embedding-process/index.tsx: 71 |
             web/app/components/datasets/documents/detail/completed/child-segment-list.tsx: 44 |
             web/app/components/datasets/documents/detail/completed/child-segment-list.tsx: 67
             web/app/components/datasets/documents/detail/completed/index.tsx: 534 |
             web/app/components/datasets/documents/detail/embedding/index.tsx: 70 |
             web/app/components/workflow/nodes/_base/components/variable/var-reference-picker.tsx: 93 |
             web/app/components/workflow/nodes/_base/node.tsx: 55 |
             web/app/components/workflow/nodes/knowledge-retrieval/utils.ts: 98 |
             web/app/(commonLayout)/app/(appDetailLayout)/[appId]/overview/tracing/provider-config-modal.tsx:
             104 | web/app/components/datasets/create/step-two/index.tsx: 146 |
             web/app/components/datasets/common/retrieval-method-config/index.tsx: 40 |
             web/app/components/datasets/create/embedding-process/index.tsx: 71
             web/app/components/datasets/documents/detail/completed/child-segment-list.tsx: 44 |
             web/app/components/datasets/documents/detail/completed/child-segment-list.tsx: 67 |
             web/app/components/datasets/documents/detail/completed/index.tsx: 534 |
             web/app/components/datasets/documents/detail/embedding/index.tsx: 70 |
             web/app/components/workflow/nodes/_base/components/variable/var-reference-picker.tsx: 93 |
             web/app/components/workflow/nodes/_base/node.tsx: 55 |
             web/app/components/workflow/nodes/knowledge-retrieval/utils.ts: 98 |
             web/app/(commonLayout)/app/(appDetailLayout)/[appId]/overview/tracing/provider-config-modal.tsx:
             104 | web/app/components/datasets/create/step-two/index.tsx: 146 |
             web/app/components/datasets/common/retrieval-method-config/index.tsx: 40 |
             web/app/components/datasets/create/embedding-process/index.tsx: 71
             web/app/components/datasets/documents/detail/completed/child-segment-list.tsx: 44 |
             web/app/components/datasets/documents/detail/completed/child-segment-list.tsx: 67 |
             web/app/components/datasets/documents/detail/completed/index.tsx: 534 |
             web/app/components/datasets/documents/detail/embedding/index.tsx: 70 |
             web/app/components/workflow/nodes/_base/components/variable/var-reference-picker.tsx: 93 |
             web/app/components/workflow/nodes/_base/node.tsx: 55 |
             web/app/components/workflow/nodes/knowledge-retrieval/utils.ts: 98 |
             web/app/(commonLayout)/app/(appDetailLayout)/[appId]/overview/tracing/provider-config-modal.tsx:
             104 | web/app/components/datasets/create/step-two/index.tsx: 146 |
             web/app/components/datasets/common/retrieval-method-config/index.tsx: 40 |
             web/app/components/datasets/create/embedding-process/index.tsx: 71
             web/app/components/datasets/documents/detail/completed/child-segment-list.tsx: 44 |
```



```
web/app/components/datasets/documents/detail/completed/child-segment-list.tsx: 67 |
web/app/components/datasets/documents/detail/completed/index.tsx: 534 |
web/app/components/datasets/documents/detail/embedding/index.tsx: 70 |
web/app/components/workflow/nodes/_base/components/variable/var-reference-picker.tsx: 93 |
web/app/components/workflow/nodes/_base/node.tsx: 55 |
web/app/components/workflow/nodes/knowledge-retrieval/utils.ts: 98 |
web/app/(commonLayout)/app/(appDetailLayout)/[appId]/overview/tracing/provider-config-modal.tsx:
104 | web/app/components/datasets/create/step-two/index.tsx: 146 |
web/app/components/datasets/common/retrieval-method-config/index.tsx: 40 |
web/app/components/datasets/create/embedding-process/index.tsx: 71
web/app/components/datasets/documents/detail/completed/child-segment-list.tsx: 44 |
web/app/components/datasets/documents/detail/completed/child-segment-list.tsx: 67
web/app/components/datasets/documents/detail/completed/index.tsx: 534
web/app/components/datasets/documents/detail/embedding/index.tsx: 70 |
web/app/components/workflow/nodes/_base/components/variable/var-reference-picker.tsx: 93 |
web/app/components/workflow/nodes/_base/node.tsx: 55 |
web/app/components/workflow/nodes/knowledge-retrieval/utils.ts: 98 |
web/app/(commonLayout)/app/(appDetailLayout)/[appId]/overview/tracing/provider-config-modal.tsx:
104 | web/app/components/datasets/create/step-two/index.tsx: 146 |
web/app/components/datasets/common/retrieval-method-config/index.tsx: 40 |
web/app/components/datasets/create/embedding-process/index.tsx: 71 |
web/app/components/datasets/documents/detail/completed/child-segment-list.tsx: 44 |
web/app/components/datasets/documents/detail/completed/child-segment-list.tsx: 67 |
web/app/components/datasets/documents/detail/completed/index.tsx: 534 |
web/app/components/datasets/documents/detail/embedding/index.tsx: 70 |
web/app/components/workflow/nodes/_base/components/variable/var-reference-picker.tsx: 93 |
web/app/components/workflow/nodes/_base/node.tsx: 55 |
web/app/components/workflow/nodes/knowledge-retrieval/utils.ts: 98 |
web/app/(commonLayout)/app/(appDetailLayout)/[appId]/overview/tracing/provider-config-modal.tsx:
104 | web/app/components/datasets/create/step-two/index.tsx: 146 |
web/app/components/datasets/common/retrieval-method-config/index.tsx: 40 |
web/app/components/datasets/create/embedding-process/index.tsx: 71 |
web/app/components/datasets/documents/detail/completed/child-segment-list.tsx: 44 |
web/app/components/datasets/documents/detail/completed/child-segment-list.tsx: 67
web/app/components/datasets/documents/detail/completed/index.tsx: 534 |
web/app/components/datasets/documents/detail/embedding/index.tsx: 70 |
web/app/components/workflow/nodes/_base/components/variable/var-reference-picker.tsx: 93 |
web/app/components/workflow/nodes/_base/node.tsx: 55 |
web/app/components/workflow/nodes/knowledge-retrieval/utils.ts: 98 |
web/app/(commonLayout)/app/(appDetailLayout)/[appId]/overview/tracing/provider-config-modal.tsx:
104 | web/app/components/datasets/create/step-two/index.tsx: 146 |
web/app/components/datasets/common/retrieval-method-config/index.tsx: 40 |
web/app/components/datasets/create/embedding-process/index.tsx: 71
web/app/components/datasets/documents/detail/completed/child-segment-list.tsx: 44 |
web/app/components/datasets/documents/detail/completed/child-segment-list.tsx: 67
```



web/app/components/datasets/documents/detail/completed/index.tsx: 534 | web/app/components/datasets/documents/detail/embedding/index.tsx: 70

• Root Cause/How to fix: typescript:S3776

### - Refactor this code to not nest functions more than 4 levels deep.

• Type: CODE\_SMELL

• Severity: CRITICAL

• Count: 8

• Locations: web/app/components/header/account-dropdown/workplace-selector/index.tsx: 85 | web/app/components/header/account-dropdown/workplace-selector/index.tsx: 85 |

• Root Cause/How to fix: typescript:S2004

# - Non-interactive elements should not be assigned mouse or keyboard event listeners.

• Type: CODE\_SMELL

• Severity: MINOR

• Count: 8

• Locations: web/app/components/datasets/create/file-uploader/index.tsx: 269 |

• Root Cause/How to fix: typescript:S6847



# - The signature '(commandId: string, showUI?: boolean | undefined, value?: string | undefined): boolean' of 'document.execCommand' is deprecated.

• Type: CODE\_SMELL

• Severity: MINOR

• **Count:** 8

• Locations: web/utils/clipboard.ts: 16 | web

• Root Cause/How to fix: typescript:S1874

# - 'appStatus' PropType is defined but prop is never used

• Type: CODE\_SMELL

• Severity: MINOR

• Count: 16

• Locations: web/app/components/base/linked-apps-panel/index.tsx: 12 web/app/components/datasets/create/step-two/index.tsx: 77 | web/app/components/base/linked-apps-panel/index.tsx: 12 | web/app/components/datasets/create/step-two/index.tsx: 77

• Root Cause/How to fix: typescript:S6767

#### - Refactor this code to not use nested template literals.



• Type: CODE\_SMELL

• Severity: MAJOR

• Count: 24

• Locations: web/app/components/datasets/documents/detail/completed/child-segment-list.tsx: 163 | web/app/components/datasets/documents/detail/completed/common/regeneration-modal.tsx: 85 | web/app/components/datasets/documents/detail/index.tsx: 109 | web/app/components/datasets/documents/detail/completed/child-segment-list.tsx: 163 | web/app/components/datasets/documents/detail/completed/common/regeneration-modal.tsx: 85 | web/app/components/datasets/documents/detail/index.tsx: 109 | web/app/components/datasets/documents/detail/completed/child-segment-list.tsx: 163 | web/app/components/datasets/documents/detail/completed/common/regeneration-modal.tsx: 85 | web/app/components/datasets/documents/detail/index.tsx: 109 | web/app/components/datasets/documents/detail/completed/child-segment-list.tsx: 163 | web/app/components/datasets/documents/detail/completed/common/regeneration-modal.tsx: 85 | web/app/components/datasets/documents/detail/index.tsx: 109 | web/app/components/datasets/documents/detail/completed/child-segment-list.tsx: 163 | web/app/components/datasets/documents/detail/completed/common/regeneration-modal.tsx: 85 | web/app/components/datasets/documents/detail/index.tsx: 109 | web/app/components/datasets/documents/detail/completed/child-segment-list.tsx: 163 | web/app/components/datasets/documents/detail/completed/common/regeneration-modal.tsx: 85 | web/app/components/datasets/documents/detail/index.tsx: 109 | web/app/components/datasets/documents/detail/completed/child-segment-list.tsx: 163 | web/app/components/datasets/documents/detail/completed/common/regeneration-modal.tsx: 85 | web/app/components/datasets/documents/detail/index.tsx: 109 | web/app/components/datasets/documents/detail/completed/child-segment-list.tsx: 163 | web/app/components/datasets/documents/detail/completed/common/regeneration-modal.tsx: 85 | web/app/components/datasets/documents/detail/index.tsx: 109

• Root Cause/How to fix: typescript:S4624

### - Specify an exception class to catch or reraise the exception

• Type: CODE\_SMELL

• Severity: CRITICAL

• Count: 16

• Locations: api/core/model\_runtime/model\_providers/zhipuai/llm/llm.py: 200 | api/core/model\_runtime/model\_providers/openai\_api\_compatible/llm/llm.py: 343 | api/core/model\_runtime/model\_providers/zhipuai/llm/llm.py: 200 |



```
api/core/model_runtime/model_providers/openai_api_compatible/llm/llm.py: 343 | api/core/model_runtime/model_providers/zhipuai/llm/llm.py: 200 | api/core/model_runtime/model_providers/zhipuai/llm/llm.py: 200 | api/core/model_runtime/model_providers/zhipuai/llm/llm.py: 343
```

• Root Cause/How to fix: python:S5754

# - Refactor this function to reduce its Cognitive Complexity from 21 to the 15 allowed.

• Type: CODE\_SMELL

• Severity: CRITICAL

• Count: 808

• Locations: api/core/app/apps/agent\_chat/app\_runner.py: 32 | api/core/model\_runtime/model\_providers/deepseek/llm/llm.py: 43 | api/core/rag/extractor/firecrawl/firecrawl\_app.py: 55 | api/core/agent/cot\_agent\_runner.py: 36 | api/services/dataset\_service.py: 1581 | api/core/model\_runtime/model\_providers/openai/llm/llm.py: 555 | api/core/tools/provider/builtin/bing/tools/bing\_web\_search.py: 13 | api/core/tools/utils/message\_transformer.py: 14 | api/services/dataset\_service.py: 754 | api/services/dataset\_service.py: 1193 | api/core/provider\_manager.py: 829 | api/core/tools/utils/parser.py: 20 | api/core/ops/opik\_trace/opik\_trace.py: 96 | api/services/ops\_service.py: 10 | api/controllers/console/app/audio.py: 82 | api/services/audio\_service.py: 70 | api/core/workflow/nodes/variable\_assigner/v2/node.py: 31 | api/services/dataset\_service.py: 75 | api/tasks/deal\_dataset\_vector\_index\_task.py: 16 | api/core/rag/datasource/vdb/tidb\_on\_qdrant/tidb\_on\_qdrant\_vector.py: 407 | api/core/workflow/nodes/document\_extractor/node.py: 204 | api/core/tools/tool/api\_tool.py: 134 | api/core/app/apps/advanced\_chat/generate\_task\_pipeline.py: 256 api/core/app/apps/workflow/generate\_task\_pipeline.py: 225 | api/core/rag/index\_processor/processor/parent\_child\_index\_processor.py: 32 | api/core/model\_runtime/model\_providers/zhipuai/llm/llm.py: 104 | api/services/app\_dsl\_service.py: 83 |



```
api/core/model_runtime/model_providers/openai_api_compatible/llm/llm.py: 293 |
api/core/model_runtime/model_providers/openai/llm/llm.py: 746 |
api/core/workflow/workflow_entry.py: 221 | api/core/workflow/nodes/http_request/executor.py:
161 | api/controllers/console/auth/login.py: 41 | api/controllers/console/auth/login.py: 172 |
api/controllers/console/auth/oauth.py: 63 | api/core/rag/extractor/notion_extractor.py: 134 |
api/core/agent/base_agent_runner.py: 320 |
api/core/tools/provider/builtin/comfyui/tools/comfyui_workflow.py: 27 |
api/events/event_handlers/update_app_dataset_join_when_app_model_config_updated.py: 42 |
api/core/workflow/graph_engine/entities/graph.py: 552
api/schedule/mail_clean_document_notify_task.py: 18 |
api/core/rag/extractor/extract_processor.py: 90 | api/core/indexing_runner.py: 234 |
api/core/rag/datasource/retrieval_service.py: 256 | api/core/rag/docstore/dataset_docstore.py: 63 |
api/core/rag/index_processor/processor/paragraph_index_processor.py: 31 |
api/core/rag/index_processor/processor/qa_index_processor.py: 37 |
api/services/dataset_service.py: 1073 | api/services/vector_service.py: 18 |
api/tasks/batch_clean_document_task.py: 16 |
api/controllers/console/datasets/datasets_document.py: 785 | api/core/indexing_runner.py: 161 |
api/core/rag/extractor/word_extractor.py: 209 | api/core/rag/retrieval/dataset_retrieval.py: 50 |
api/core/workflow/nodes/knowledge_retrieval/knowledge_retrieval_node.py: 89 |
api/schedule/clean_unused_datasets_task.py: 18 | api/services/dataset_service.py: 1296 |
api/services/dataset_service.py: 1790 | api/services/dataset_service.py: 1902 |
api/tasks/enable_segments_to_index_task.py: 18
api/core/model_runtime/model_providers/azure_openai/llm/llm.py: 271 |
api/core/model_runtime/model_providers/azure_openai/llm/llm.py: 382 |
api/core/entities/provider_configuration.py: 768 | api/services/tools/tools_transform_service.py:
236 | api/commands.py: 418 | api/commands.py: 605 |
api/controllers/console/app/model_config.py: 26 | api/controllers/console/app/wraps.py: 11 |
api/controllers/service_api/wraps.py: 37 | api/core/agent/base_agent_runner.py: 134 |
api/core/agent/base_agent_runner.py: 242 | api/core/agent/cot_agent_runner.py: 381 |
api/core/agent/cot_completion_agent_runner.py: 34 | api/core/agent/fc_agent_runner.py: 35 |
api/core/agent/output_parser/cot_output_parser.py: 12 |
api/core/app/app_config/easy_ui_based_app/dataset/manager.py: 12 |
api/core/app/apps/advanced_chat/app_generator_tts_publisher.py: 84 |
api/core/app/apps/advanced_chat/app_runner.py: 51 | api/core/app/apps/base_app_runner.py: 97 |
api/core/app/apps/base_app_runner.py: 134 | api/core/app/apps/workflow_app_runner.py: 174 |
api/core/app/task_pipeline/easy_ui_based_generate_task_pipeline.py: 247 |
api/core/entities/provider_configuration.py: 80 | api/core/entities/provider_configuration.py: 178 |
api/core/indexing_runner.py: 330 | api/core/model_manager.py: 325 |
api/core/model_runtime/model_providers/__base/ai_model.py: 247
api/core/model_runtime/model_providers/__base/large_language_model.py: 276 |
api/core/model_runtime/model_providers/__base/large_language_model.py: 331 |
api/core/model_runtime/model_providers/minimax/llm/chat_completion_pro.py: 140 |
api/core/model_runtime/model_providers/xinference/xinference_helper.py: 71
api/core/ops/langsmith_trace/langsmith_trace.py: 65 | api/core/provider_manager.py: 532 |
api/core/provider_manager.py: 669 | api/core/rag/datasource/vdb/lindorm/lindorm_vector.py: 417
```



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api/core/rag/embedding/cached_embedding.py: 27 | api/core/rag/extractor/excel_extractor.py: 27
api/core/rag/extractor/word_extractor.py: 79 | api/core/rag/retrieval/dataset_retrieval.py: 230 |
api/core/rag/retrieval/dataset_retrieval.py: 336 | api/core/rag/retrieval/dataset_retrieval.py: 478 |
api/core/rag/retrieval/dataset_retrieval.py: 535 | api/core/app/apps/agent_chat/app_runner.py: 32 |
api/core/model_runtime/model_providers/deepseek/llm/llm.py: 43 |
api/core/rag/extractor/firecrawl/firecrawl_app.py: 55 | api/core/agent/cot_agent_runner.py: 36 |
api/services/dataset_service.py: 1581
api/core/model_runtime/model_providers/openai/llm/llm.py: 555 |
api/core/tools/provider/builtin/bing/tools/bing_web_search.py: 13 |
api/core/tools/utils/message_transformer.py: 14 | api/services/dataset_service.py: 754 |
api/services/dataset_service.py: 1193 | api/core/provider_manager.py: 829 |
api/core/tools/utils/parser.py: 20 | api/core/ops/opik_trace/opik_trace.py: 96 |
api/services/ops_service.py: 10 | api/controllers/console/app/audio.py: 82 |
api/services/audio_service.py: 70 | api/core/workflow/nodes/variable_assigner/v2/node.py: 31 |
api/services/dataset_service.py: 75 | api/tasks/deal_dataset_vector_index_task.py: 16 |
api/core/rag/datasource/vdb/tidb_on_qdrant/tidb_on_qdrant_vector.py: 407 |
api/core/workflow/nodes/document_extractor/node.py: 204 | api/core/tools/tool/api_tool.py: 134 |
api/core/app/apps/advanced_chat/generate_task_pipeline.py: 256
api/core/app/apps/workflow/generate_task_pipeline.py: 225 |
api/core/rag/index_processor/processor/parent_child_index_processor.py: 32 |
api/core/model_runtime/model_providers/zhipuai/llm/llm.py: 104 |
api/services/app_dsl_service.py: 83 |
api/core/model_runtime/model_providers/openai_api_compatible/llm/llm.py: 293 |
api/core/model_runtime/model_providers/openai/llm/llm.py: 746 |
api/core/workflow/workflow_entry.py: 221 | api/core/workflow/nodes/http_request/executor.py:
161 | api/controllers/console/auth/login.py: 41 | api/controllers/console/auth/login.py: 172 |
api/controllers/console/auth/oauth.py: 63 | api/core/rag/extractor/notion_extractor.py: 134 |
api/core/agent/base_agent_runner.py: 320 |
api/core/tools/provider/builtin/comfyui/tools/comfyui_workflow.py: 27 |
api/events/event_handlers/update_app_dataset_join_when_app_model_config_updated.py: 42 |
api/core/workflow/graph_engine/entities/graph.py: 552
api/schedule/mail_clean_document_notify_task.py: 18 |
api/core/rag/extractor/extract_processor.py: 90 | api/core/indexing_runner.py: 234 |
api/core/rag/datasource/retrieval_service.py: 256 | api/core/rag/docstore/dataset_docstore.py: 63 |
api/core/rag/index_processor/processor/paragraph_index_processor.py: 31 |
api/core/rag/index_processor/processor/qa_index_processor.py: 37 |
api/services/dataset_service.py: 1073 | api/services/vector_service.py: 18 |
api/tasks/batch_clean_document_task.py: 16
api/controllers/console/datasets/datasets_document.py: 785 | api/core/indexing_runner.py: 161 |
api/core/rag/extractor/word_extractor.py: 209 | api/core/rag/retrieval/dataset_retrieval.py: 50 |
api/core/workflow/nodes/knowledge_retrieval/knowledge_retrieval_node.py: 89 |
api/schedule/clean_unused_datasets_task.py: 18 | api/services/dataset_service.py: 1296 |
api/services/dataset_service.py: 1790 | api/services/dataset_service.py: 1902 |
api/tasks/enable_segments_to_index_task.py: 18
api/core/model_runtime/model_providers/azure_openai/llm/llm.py: 271 |
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api/core/model_runtime/model_providers/azure_openai/llm/llm.py: 382 |
api/core/entities/provider_configuration.py: 768 | api/services/tools/tools_transform_service.py:
236 | api/commands.py: 418 | api/commands.py: 605 |
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api/core/agent/output_parser/cot_output_parser.py: 12 |
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api/core/app/apps/base_app_runner.py: 134 | api/core/app/apps/workflow_app_runner.py: 174 |
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api/core/model_runtime/model_providers/__base/large_language_model.py: 276 |
api/core/model_runtime/model_providers/__base/large_language_model.py: 331 |
api/core/model_runtime/model_providers/minimax/llm/chat_completion_pro.py: 140 |
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api/core/provider_manager.py: 669 | api/core/rag/datasource/vdb/lindorm/lindorm_vector.py: 417
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api/core/rag/retrieval/dataset_retrieval.py: 336 | api/core/rag/retrieval/dataset_retrieval.py: 478 |
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api/core/rag/extractor/firecrawl/firecrawl_app.py: 55 | api/core/agent/cot_agent_runner.py: 36 |
api/services/dataset_service.py: 1581 |
api/core/model_runtime/model_providers/openai/llm/llm.py: 555 |
api/core/tools/provider/builtin/bing/tools/bing_web_search.py: 13 |
api/core/tools/utils/message_transformer.py: 14 | api/services/dataset_service.py: 754 |
api/services/dataset_service.py: 1193 | api/core/provider_manager.py: 829 |
api/core/tools/utils/parser.py: 20 | api/core/ops/opik_trace/opik_trace.py: 96 |
api/services/ops_service.py: 10 | api/controllers/console/app/audio.py: 82 |
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api/services/dataset_service.py: 75 | api/tasks/deal_dataset_vector_index_task.py: 16 |
api/core/rag/datasource/vdb/tidb_on_qdrant/tidb_on_qdrant_vector.py: 407 |
api/core/workflow/nodes/document_extractor/node.py: 204 | api/core/tools/tool/api_tool.py: 134 |
api/core/app/apps/advanced_chat/generate_task_pipeline.py: 256
api/core/app/apps/workflow/generate_task_pipeline.py: 225 |
api/core/rag/index_processor/processor/parent_child_index_processor.py: 32 |
api/core/model_runtime/model_providers/zhipuai/llm/llm.py: 104 |
api/services/app_dsl_service.py: 83 |
api/core/model_runtime/model_providers/openai_api_compatible/llm/llm.py: 293 |
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api/core/model_runtime/model_providers/openai/llm/llm.py: 746
api/core/workflow/workflow_entry.py: 221 | api/core/workflow/nodes/http_request/executor.py:
161 | api/controllers/console/auth/login.py: 41 | api/controllers/console/auth/login.py: 172 |
api/controllers/console/auth/oauth.py: 63 | api/core/rag/extractor/notion_extractor.py: 134 |
api/core/agent/base_agent_runner.py: 320 |
api/core/tools/provider/builtin/comfyui/tools/comfyui_workflow.py: 27 |
api/events/event_handlers/update_app_dataset_join_when_app_model_config_updated.py: 42 |
api/core/workflow/graph_engine/entities/graph.py: 552 |
api/schedule/mail_clean_document_notify_task.py: 18 |
api/core/rag/extractor/extract_processor.py: 90 | api/core/indexing_runner.py: 234 |
api/core/rag/datasource/retrieval_service.py: 256 | api/core/rag/docstore/dataset_docstore.py: 63 |
api/core/rag/index_processor/processor/paragraph_index_processor.py: 31 |
api/core/rag/index_processor/processor/qa_index_processor.py: 37 |
api/services/dataset_service.py: 1073 | api/services/vector_service.py: 18 |
api/tasks/batch_clean_document_task.py: 16 |
api/controllers/console/datasets/datasets_document.py: 785 | api/core/indexing_runner.py: 161 |
api/core/rag/extractor/word_extractor.py: 209 | api/core/rag/retrieval/dataset_retrieval.py: 50 |
api/core/workflow/nodes/knowledge_retrieval/knowledge_retrieval_node.py: 89 |
api/schedule/clean_unused_datasets_task.py: 18 | api/services/dataset_service.py: 1296 |
api/services/dataset_service.py: 1790 | api/services/dataset_service.py: 1902 |
api/tasks/enable_segments_to_index_task.py: 18 |
api/core/model_runtime/model_providers/azure_openai/llm/llm.py: 271 |
api/core/model_runtime/model_providers/azure_openai/llm/llm.py: 382 |
api/core/entities/provider_configuration.py: 768 | api/services/tools/tools_transform_service.py:
236 | api/commands.py: 418 | api/commands.py: 605 |
api/controllers/console/app/model_config.py: 26 | api/controllers/console/app/wraps.py: 11 |
api/controllers/service_api/wraps.py: 37 | api/core/agent/base_agent_runner.py: 134 |
api/core/agent/base_agent_runner.py: 242 | api/core/agent/cot_agent_runner.py: 381 |
api/core/agent/cot_completion_agent_runner.py: 34 | api/core/agent/fc_agent_runner.py: 35 |
api/core/agent/output_parser/cot_output_parser.py: 12 |
api/core/app/app_config/easy_ui_based_app/dataset/manager.py: 12 |
api/core/app/apps/advanced_chat/app_generator_tts_publisher.py: 84 |
api/core/app/apps/advanced_chat/app_runner.py: 51 | api/core/app/apps/base_app_runner.py: 97 |
api/core/app/apps/base_app_runner.py: 134 | api/core/app/apps/workflow_app_runner.py: 174 |
api/core/app/task_pipeline/easy_ui_based_generate_task_pipeline.py: 247
api/core/entities/provider_configuration.py: 80 | api/core/entities/provider_configuration.py: 178 |
api/core/indexing_runner.py: 330 | api/core/model_manager.py: 325 |
api/core/model_runtime/model_providers/__base/ai_model.py: 247
api/core/model_runtime/model_providers/__base/large_language_model.py: 276
api/core/model_runtime/model_providers/__base/large_language_model.py: 331 |
api/core/model_runtime/model_providers/minimax/llm/chat_completion_pro.py: 140 |
api/core/model_runtime/model_providers/xinference/xinference_helper.py: 71
api/core/ops/langsmith_trace/langsmith_trace.py: 65 | api/core/provider_manager.py: 532 |
api/core/provider_manager.py: 669 | api/core/rag/datasource/vdb/lindorm/lindorm_vector.py: 417
api/core/rag/embedding/cached_embedding.py: 27 | api/core/rag/extractor/excel_extractor.py: 27
```



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api/core/rag/extractor/word_extractor.py: 79 | api/core/rag/retrieval/dataset_retrieval.py: 230 |
api/core/rag/retrieval/dataset_retrieval.py: 336 | api/core/rag/retrieval/dataset_retrieval.py: 478 |
api/core/rag/retrieval/dataset_retrieval.py: 535 | api/core/app/apps/agent_chat/app_runner.py: 32 |
api/core/model_runtime/model_providers/deepseek/llm/llm.py: 43 |
api/core/rag/extractor/firecrawl/firecrawl_app.py: 55 | api/core/agent/cot_agent_runner.py: 36 |
api/services/dataset_service.py: 1581
api/core/model_runtime/model_providers/openai/llm/llm.py: 555
api/core/tools/provider/builtin/bing/tools/bing_web_search.py: 13 |
api/core/tools/utils/message_transformer.py: 14 | api/services/dataset_service.py: 754 |
api/services/dataset_service.py: 1193 | api/core/provider_manager.py: 829 |
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api/services/ops_service.py: 10 | api/controllers/console/app/audio.py: 82 |
api/services/audio_service.py: 70 | api/core/workflow/nodes/variable_assigner/v2/node.py: 31 |
api/services/dataset_service.py: 75 | api/tasks/deal_dataset_vector_index_task.py: 16 |
api/core/rag/datasource/vdb/tidb_on_qdrant/tidb_on_qdrant_vector.py: 407 |
api/core/workflow/nodes/document_extractor/node.py: 204 | api/core/tools/tool/api_tool.py: 134 |
api/core/app/apps/advanced_chat/generate_task_pipeline.py: 256
api/core/app/apps/workflow/generate_task_pipeline.py: 225 |
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api/core/model_runtime/model_providers/zhipuai/llm/llm.py: 104 |
api/services/app_dsl_service.py: 83 |
api/core/model_runtime/model_providers/openai_api_compatible/llm/llm.py: 293 |
api/core/model_runtime/model_providers/openai/llm/llm.py: 746
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api/controllers/console/auth/oauth.py: 63 | api/core/rag/extractor/notion_extractor.py: 134 |
api/core/agent/base_agent_runner.py: 320 |
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api/core/workflow/graph_engine/entities/graph.py: 552
api/schedule/mail_clean_document_notify_task.py: 18 |
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api/core/rag/datasource/retrieval_service.py: 256 | api/core/rag/docstore/dataset_docstore.py: 63 |
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api/core/rag/index_processor/processor/qa_index_processor.py: 37 |
api/services/dataset_service.py: 1073 | api/services/vector_service.py: 18 |
api/tasks/batch_clean_document_task.py: 16
api/controllers/console/datasets/datasets_document.py: 785 | api/core/indexing_runner.py: 161 |
api/core/rag/extractor/word_extractor.py: 209 | api/core/rag/retrieval/dataset_retrieval.py: 50 |
api/core/workflow/nodes/knowledge_retrieval/knowledge_retrieval_node.py: 89 |
api/schedule/clean_unused_datasets_task.py: 18 | api/services/dataset_service.py: 1296 |
api/services/dataset_service.py: 1790 | api/services/dataset_service.py: 1902 |
api/tasks/enable_segments_to_index_task.py: 18 |
api/core/model_runtime/model_providers/azure_openai/llm/llm.py: 271 |
api/core/model_runtime/model_providers/azure_openai/llm/llm.py: 382 |
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api/core/entities/provider_configuration.py: 768 | api/services/tools/tools_transform_service.py:
236 | api/commands.py: 418 | api/commands.py: 605 |
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api/core/tools/utils/message_transformer.py: 14 | api/services/dataset_service.py: 754 |
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api/services/app_dsl_service.py: 83 |
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api/core/app/apps/base_app_runner.py: 134 | api/core/app/apps/workflow_app_runner.py: 174 |
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api/core/rag/extractor/word_extractor.py: 79 | api/core/rag/retrieval/dataset_retrieval.py: 230 |
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api/core/tools/utils/message_transformer.py: 14 | api/services/dataset_service.py: 754 |
api/services/dataset_service.py: 1193 | api/core/provider_manager.py: 829 |
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api/core/app/apps/workflow/generate_task_pipeline.py: 225 |
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api/services/app_dsl_service.py: 83 |
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161 | api/controllers/console/auth/login.py: 41 | api/controllers/console/auth/login.py: 172 |
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api/events/event_handlers/update_app_dataset_join_when_app_model_config_updated.py: 42 |
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api/schedule/mail_clean_document_notify_task.py: 18 |
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api/core/rag/index_processor/processor/paragraph_index_processor.py: 31 |
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api/core/workflow/nodes/knowledge_retrieval/knowledge_retrieval_node.py: 89 |
api/schedule/clean_unused_datasets_task.py: 18 | api/services/dataset_service.py: 1296 |
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api/tasks/enable_segments_to_index_task.py: 18
api/core/model_runtime/model_providers/azure_openai/llm/llm.py: 271 |
api/core/model_runtime/model_providers/azure_openai/llm/llm.py: 382 |
api/core/entities/provider_configuration.py: 768 | api/services/tools/tools_transform_service.py:
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236 | api/commands.py: 418 | api/commands.py: 605 |
api/controllers/console/app/model_config.py: 26 | api/controllers/console/app/wraps.py: 11 |
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api/core/entities/provider_configuration.py: 80 | api/core/entities/provider_configuration.py: 178 |
api/core/indexing_runner.py: 330 | api/core/model_manager.py: 325 |
api/core/model_runtime/model_providers/__base/ai_model.py: 247
api/core/model_runtime/model_providers/__base/large_language_model.py: 276 |
api/core/model_runtime/model_providers/__base/large_language_model.py: 331 |
api/core/model_runtime/model_providers/minimax/llm/chat_completion_pro.py: 140 |
api/core/model_runtime/model_providers/xinference/xinference_helper.py: 71 |
api/core/ops/langsmith_trace/langsmith_trace.py: 65 | api/core/provider_manager.py: 532 |
api/core/provider_manager.py: 669 | api/core/rag/datasource/vdb/lindorm/lindorm_vector.py: 417
api/core/rag/embedding/cached_embedding.py: 27 | api/core/rag/extractor/excel_extractor.py: 27
api/core/rag/extractor/word_extractor.py: 79 | api/core/rag/retrieval/dataset_retrieval.py: 230 |
api/core/rag/retrieval/dataset_retrieval.py: 336 | api/core/rag/retrieval/dataset_retrieval.py: 478 |
```



```
api/core/rag/retrieval/dataset_retrieval.py: 535 | api/core/app/apps/agent_chat/app_runner.py: 32 |
api/core/model_runtime/model_providers/deepseek/llm/llm.py: 43 |
api/core/rag/extractor/firecrawl/firecrawl_app.py: 55 | api/core/agent/cot_agent_runner.py: 36 |
api/services/dataset_service.py: 1581
api/core/model_runtime/model_providers/openai/llm/llm.py: 555 |
api/core/tools/provider/builtin/bing/tools/bing_web_search.py: 13 |
api/core/tools/utils/message_transformer.py: 14 | api/services/dataset_service.py: 754 |
api/services/dataset_service.py: 1193 | api/core/provider_manager.py: 829 |
api/core/tools/utils/parser.py: 20 | api/core/ops/opik_trace/opik_trace.py: 96 |
api/services/ops_service.py: 10 | api/controllers/console/app/audio.py: 82 |
api/services/audio_service.py: 70 | api/core/workflow/nodes/variable_assigner/v2/node.py: 31 |
api/services/dataset_service.py: 75 | api/tasks/deal_dataset_vector_index_task.py: 16 |
api/core/rag/datasource/vdb/tidb_on_qdrant/tidb_on_qdrant_vector.py: 407 |
api/core/workflow/nodes/document_extractor/node.py: 204 | api/core/tools/tool/api_tool.py: 134 |
api/core/app/apps/advanced_chat/generate_task_pipeline.py: 256
api/core/app/apps/workflow/generate_task_pipeline.py: 225 |
api/core/rag/index_processor/processor/parent_child_index_processor.py: 32 |
api/core/model_runtime/model_providers/zhipuai/llm/llm.py: 104 |
api/services/app_dsl_service.py: 83 |
api/core/model_runtime/model_providers/openai_api_compatible/llm/llm.py: 293 |
api/core/model_runtime/model_providers/openai/llm/llm.py: 746 |
api/core/workflow/workflow_entry.py: 221 | api/core/workflow/nodes/http_request/executor.py:
161 | api/controllers/console/auth/login.py: 41 | api/controllers/console/auth/login.py: 172 |
api/controllers/console/auth/oauth.py: 63 | api/core/rag/extractor/notion_extractor.py: 134 |
api/core/agent/base_agent_runner.py: 320 |
api/core/tools/provider/builtin/comfyui/tools/comfyui_workflow.py: 27 |
api/events/event_handlers/update_app_dataset_join_when_app_model_config_updated.py: 42 |
api/core/workflow/graph_engine/entities/graph.py: 552 |
api/schedule/mail_clean_document_notify_task.py: 18 |
api/core/rag/extractor/extract_processor.py: 90 | api/core/indexing_runner.py: 234 |
api/core/rag/datasource/retrieval_service.py: 256 | api/core/rag/docstore/dataset_docstore.py: 63 |
api/core/rag/index_processor/processor/paragraph_index_processor.py: 31 |
api/core/rag/index_processor/processor/qa_index_processor.py: 37 |
api/services/dataset_service.py: 1073 | api/services/vector_service.py: 18 |
api/tasks/batch_clean_document_task.py: 16
api/controllers/console/datasets/datasets_document.py: 785 | api/core/indexing_runner.py: 161 |
api/core/rag/extractor/word_extractor.py: 209 | api/core/rag/retrieval/dataset_retrieval.py: 50 |
api/core/workflow/nodes/knowledge_retrieval/knowledge_retrieval_node.py: 89 |
api/schedule/clean_unused_datasets_task.py: 18 | api/services/dataset_service.py: 1296 |
api/services/dataset_service.py: 1790 | api/services/dataset_service.py: 1902 |
api/tasks/enable_segments_to_index_task.py: 18
api/core/model_runtime/model_providers/azure_openai/llm/llm.py: 271 |
api/core/model_runtime/model_providers/azure_openai/llm/llm.py: 382 |
api/core/entities/provider_configuration.py: 768 | api/services/tools/tools_transform_service.py:
236 | api/commands.py: 418 | api/commands.py: 605 |
```



```
api/controllers/console/app/model_config.py: 26 | api/controllers/console/app/wraps.py: 11 |
api/controllers/service_api/wraps.py: 37 | api/core/agent/base_agent_runner.py: 134 |
api/core/agent/base_agent_runner.py: 242 | api/core/agent/cot_agent_runner.py: 381 |
api/core/agent/cot_completion_agent_runner.py: 34 | api/core/agent/fc_agent_runner.py: 35 |
api/core/agent/output_parser/cot_output_parser.py: 12 |
api/core/app/app_config/easy_ui_based_app/dataset/manager.py: 12 |
api/core/app/apps/advanced_chat/app_generator_tts_publisher.py: 84 |
api/core/app/apps/advanced_chat/app_runner.py: 51 | api/core/app/apps/base_app_runner.py: 97 |
api/core/app/apps/base_app_runner.py: 134 | api/core/app/apps/workflow_app_runner.py: 174 |
api/core/app/task_pipeline/easy_ui_based_generate_task_pipeline.py: 247
api/core/entities/provider_configuration.py: 80 | api/core/entities/provider_configuration.py: 178 |
api/core/indexing_runner.py: 330 | api/core/model_manager.py: 325 |
api/core/model_runtime/model_providers/__base/ai_model.py: 247
api/core/model_runtime/model_providers/__base/large_language_model.py: 276 |
api/core/model_runtime/model_providers/__base/large_language_model.py: 331 |
api/core/model_runtime/model_providers/minimax/llm/chat_completion_pro.py: 140 |
api/core/model_runtime/model_providers/xinference/xinference_helper.py: 71 |
api/core/ops/langsmith_trace/langsmith_trace.py: 65 | api/core/provider_manager.py: 532 |
api/core/provider_manager.py: 669 | api/core/rag/datasource/vdb/lindorm/lindorm_vector.py: 417
api/core/rag/embedding/cached_embedding.py: 27 | api/core/rag/extractor/excel_extractor.py: 27
api/core/rag/extractor/word_extractor.py: 79 | api/core/rag/retrieval/dataset_retrieval.py: 230 |
api/core/rag/retrieval/dataset_retrieval.py: 336 | api/core/rag/retrieval/dataset_retrieval.py: 478 |
api/core/rag/retrieval/dataset_retrieval.py: 535
```

• Root Cause/How to fix: python:S3776

## - Unexpected empty source

• Type: CODE\_SMELL

• Severity: MAJOR

• Count: 40

• Locations: web/app/components/app/configuration/base/icons/remove-icon/style.module.css: 1 | web/app/components/base/auto-height-textarea/style.module.scss: 1 | web/app/components/datasets/create/index.module.css: 1 | web/app/components/header/account-setting/data-source-page/index.module.css: 1 | web/app/components/header/nav/index.module.css: 1 | web/app/components/app/configuration/base/icons/remove-icon/style.module.css: 1 | web/app/components/base/auto-height-textarea/style.module.scss: 1 | web/app/components/datasets/create/index.module.css: 1 | web/app/components/header/account-setting/data-source-page/index.module.css: 1 | web/app/components/header/nav/index.module.css: 1 | web/app/components/header/nav/index.module.css: 1 |



```
web/app/components/app/configuration/base/icons/remove-icon/style.module.css: 1
web/app/components/base/auto-height-textarea/style.module.scss: 1
web/app/components/datasets/create/index.module.css: 1
web/app/components/header/account-setting/data-source-page/index.module.css: 1
web/app/components/header/nav/index.module.css: 1 |
web/app/components/app/configuration/base/icons/remove-icon/style.module.css: 1
web/app/components/base/auto-height-textarea/style.module.scss: 1
web/app/components/datasets/create/index.module.css:1|
web/app/components/header/account-setting/data-source-page/index.module.css: 1
web/app/components/header/nav/index.module.css: 1
web/app/components/app/configuration/base/icons/remove-icon/style.module.css: 1
web/app/components/base/auto-height-textarea/style.module.scss: 1
web/app/components/datasets/create/index.module.css: 1
web/app/components/header/account-setting/data-source-page/index.module.css: 1
web/app/components/header/nav/index.module.css:1|
web/app/components/app/configuration/base/icons/remove-icon/style.module.css: 1
web/app/components/base/auto-height-textarea/style.module.scss: 1 |
web/app/components/datasets/create/index.module.css:1|
web/app/components/header/account-setting/data-source-page/index.module.css: 1
web/app/components/header/nav/index.module.css: 1 |
web/app/components/app/configuration/base/icons/remove-icon/style.module.css: 1
web/app/components/base/auto-height-textarea/style.module.scss: 1 |
web/app/components/datasets/create/index.module.css: 1
web/app/components/header/account-setting/data-source-page/index.module.css: 1
web/app/components/header/nav/index.module.css: 1
web/app/components/app/configuration/base/icons/remove-icon/style.module.css: 1
web/app/components/base/auto-height-textarea/style.module.scss: 1
web/app/components/datasets/create/index.module.css:1|
web/app/components/header/account-setting/data-source-page/index.module.css: 1
web/app/components/header/nav/index.module.css:1
```

• Root Cause/How to fix: css:S4667

# - Visible, non-interactive elements with click handlers must have at least one keyboard listener.

• Type: BUG

• Severity: MINOR

• **Count:** 512

• Locations: web/app/components/workflow/nodes/\_base/components/node-control.tsx: 47 | web/app/components/workflow/nodes/\_base/components/node-control.tsx: 53 |



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web/app/components/base/prompt-editor/plugins/component-picker-block/prompt-option.tsx:
22 |
web/app/components/base/prompt-editor/plugins/component-picker-block/variable-option.tsx:
39 |
web/app/components/workflow/note-node/note-editor/plugins/link-editor-plugin/component.tsx:
121
web/app/components/workflow/note-node/note-editor/plugins/link-editor-plugin/component.tsx:
131 | web/app/components/workflow/note-node/note-editor/toolbar/command.tsx: 66 |
web/app/components/workflow/note-node/note-editor/toolbar/font-size-selector.tsx: 56
web/app/components/workflow/note-node/note-editor/toolbar/operator.tsx: 53 |
web/app/components/workflow/note-node/note-editor/toolbar/operator.tsx: 63
web/app/components/workflow/note-node/note-editor/toolbar/operator.tsx: 76 |
web/app/components/workflow/note-node/note-editor/toolbar/operator.tsx: 90 |
web/app/account/account-page/AvatarWithEdit.tsx: 88 |
web/app/components/datasets/hit-testing/components/result-item-external.tsx: 28 |
web/app/components/datasets/hit-testing/components/result-item-footer.tsx: 31 |
web/app/components/app/overview/settings/index.tsx: 352 |
web/app/components/base/chat/chat/answer/workflow-process.tsx: 85 |
web/app/components/datasets/create/step-two/option-card.tsx: 62 |
web/app/components/datasets/hit-testing/components/result-item.tsx: 43 |
web/app/components/workflow/header/version-history-item.tsx: 49 |
web/app/components/header/account-dropdown/index.tsx: 119 |
web/app/components/header/account-dropdown/index.tsx: 185 |
web/app/components/header/account-dropdown/index.tsx: 199 |
web/app/components/header/account-dropdown/workplace-selector/index.tsx: 83 |
web/app/(commonLayout)/datasets/DatasetCard.tsx: 113 |
web/app/components/base/checkbox/index.tsx: 16 |
web/app/components/base/radio-card/index.tsx: 39 |
web/app/components/base/tag-input/index.tsx: 83 |
web/app/components/datasets/common/document-picker/document-list.tsx: 28 |
web/app/components/datasets/common/document-status-with-action/status-with-action.tsx: 60
| web/app/components/datasets/create/file-uploader/index.tsx: 269 |
web/app/components/datasets/create/file-uploader/index.tsx: 283
web/app/components/datasets/create/file-uploader/index.tsx: 318 |
web/app/components/datasets/create/step-one/index.tsx: 278 |
web/app/components/datasets/create/step-two/index.tsx: 640 |
web/app/components/datasets/create/step-two/index.tsx: 652 |
web/app/components/datasets/create/step-two/index.tsx: 821 |
web/app/components/datasets/create/step-two/language-select/index.tsx: 29 |
web/app/components/datasets/documents/detail/completed/child-segment-detail.tsx: 102 |
web/app/components/datasets/documents/detail/completed/child-segment-detail.tsx: 105 |
web/app/components/datasets/documents/detail/completed/child-segment-list.tsx: 99 |
web/app/components/datasets/documents/detail/completed/new-child-segment.tsx: 141|
web/app/components/datasets/documents/detail/completed/new-child-segment.tsx: 144 |
web/app/components/datasets/documents/detail/completed/segment-card.tsx: 148 |
```



```
web/app/components/datasets/documents/detail/completed/segment-card.tsx: 191
web/app/components/datasets/documents/detail/completed/segment-card.tsx: 204 |
web/app/components/datasets/documents/detail/completed/segment-card.tsx: 216
web/app/components/datasets/documents/detail/completed/segment-detail.tsx: 134 |
web/app/components/datasets/documents/detail/completed/segment-detail.tsx: 137 |
web/app/components/datasets/documents/detail/index.tsx: 191
web/app/components/datasets/documents/detail/metadata/index.tsx: 353 |
web/app/components/datasets/documents/detail/new-segment.tsx: 166 |
web/app/components/datasets/documents/detail/new-segment.tsx: 169
web/app/components/datasets/documents/detail/segment-add/index.tsx: 63
web/app/components/datasets/documents/detail/segment-add/index.tsx: 75 |
web/app/components/datasets/documents/list.tsx: 508 |
web/app/components/datasets/documents/list.tsx: 527
web/app/components/datasets/documents/list.tsx: 547 |
web/app/components/datasets/documents/list.tsx: 575
web/app/components/datasets/hit-testing/components/result-item.tsx: 52 |
web/app/components/datasets/hit-testing/textarea.tsx: 127 |
web/app/components/workflow/operator/zoom-in-out.tsx: 146 |
web/app/components/workflow/operator/zoom-in-out.tsx: 159 |
web/app/components/workflow/operator/zoom-in-out.tsx: 164 |
web/app/components/workflow/nodes/_base/components/node-control.tsx: 47 |
web/app/components/workflow/nodes/_base/components/node-control.tsx: 53 |
web/app/components/base/prompt-editor/plugins/component-picker-block/prompt-option.tsx:
22 |
web/app/components/base/prompt-editor/plugins/component-picker-block/variable-option.tsx:
39 |
web/app/components/workflow/note-node/note-editor/plugins/link-editor-plugin/component.tsx:
121
web/app/components/workflow/note-node/note-editor/plugins/link-editor-plugin/component.tsx:
131 | web/app/components/workflow/note-node/note-editor/toolbar/command.tsx: 66 |
web/app/components/workflow/note-node/note-editor/toolbar/font-size-selector.tsx: 56
web/app/components/workflow/note-node/note-editor/toolbar/operator.tsx: 53 |
web/app/components/workflow/note-node/note-editor/toolbar/operator.tsx: 63 |
web/app/components/workflow/note-node/note-editor/toolbar/operator.tsx: 76 |
web/app/components/workflow/note-node/note-editor/toolbar/operator.tsx: 90 |
web/app/account/account-page/AvatarWithEdit.tsx: 88 |
web/app/components/datasets/hit-testing/components/result-item-external.tsx: 28 |
web/app/components/datasets/hit-testing/components/result-item-footer.tsx: 31 |
web/app/components/app/overview/settings/index.tsx: 352 |
web/app/components/base/chat/chat/answer/workflow-process.tsx: 85 |
web/app/components/datasets/create/step-two/option-card.tsx: 62 |
web/app/components/datasets/hit-testing/components/result-item.tsx: 43 |
web/app/components/workflow/header/version-history-item.tsx: 49 |
web/app/components/header/account-dropdown/index.tsx: 119 |
web/app/components/header/account-dropdown/index.tsx: 185 |
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web/app/components/header/account-dropdown/index.tsx: 199
web/app/components/header/account-dropdown/workplace-selector/index.tsx: 83 |
web/app/(commonLayout)/datasets/DatasetCard.tsx: 113 |
web/app/components/base/checkbox/index.tsx: 16 |
web/app/components/base/radio-card/index.tsx: 39 |
web/app/components/base/tag-input/index.tsx: 83
web/app/components/datasets/common/document-picker/document-list.tsx: 28 |
web/app/components/datasets/common/document-status-with-action/status-with-action.tsx: 60
| web/app/components/datasets/create/file-uploader/index.tsx: 269 |
web/app/components/datasets/create/file-uploader/index.tsx: 283
web/app/components/datasets/create/file-uploader/index.tsx: 318 |
web/app/components/datasets/create/step-one/index.tsx: 278 |
web/app/components/datasets/create/step-two/index.tsx: 640 |
web/app/components/datasets/create/step-two/index.tsx: 652 |
web/app/components/datasets/create/step-two/index.tsx: 821 |
web/app/components/datasets/create/step-two/language-select/index.tsx: 29 |
web/app/components/datasets/documents/detail/completed/child-segment-detail.tsx: 102 |
web/app/components/datasets/documents/detail/completed/child-segment-detail.tsx: 105 |
web/app/components/datasets/documents/detail/completed/child-segment-list.tsx: 99 |
web/app/components/datasets/documents/detail/completed/new-child-segment.tsx: 141
web/app/components/datasets/documents/detail/completed/new-child-segment.tsx: 144 |
web/app/components/datasets/documents/detail/completed/segment-card.tsx: 148 |
web/app/components/datasets/documents/detail/completed/segment-card.tsx: 191
web/app/components/datasets/documents/detail/completed/segment-card.tsx: 204 |
web/app/components/datasets/documents/detail/completed/segment-card.tsx: 216
web/app/components/datasets/documents/detail/completed/segment-detail.tsx: 134 |
web/app/components/datasets/documents/detail/completed/segment-detail.tsx: 137
web/app/components/datasets/documents/detail/index.tsx: 191
web/app/components/datasets/documents/detail/metadata/index.tsx: 353 |
web/app/components/datasets/documents/detail/new-segment.tsx: 166
web/app/components/datasets/documents/detail/new-segment.tsx: 169 |
web/app/components/datasets/documents/detail/segment-add/index.tsx: 63 |
web/app/components/datasets/documents/detail/segment-add/index.tsx: 75 |
web/app/components/datasets/documents/list.tsx: 508 |
web/app/components/datasets/documents/list.tsx: 527 |
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web/app/components/datasets/documents/list.tsx: 575 |
web/app/components/datasets/hit-testing/components/result-item.tsx: 52 |
web/app/components/datasets/hit-testing/textarea.tsx: 127 |
web/app/components/workflow/operator/zoom-in-out.tsx: 146 |
web/app/components/workflow/operator/zoom-in-out.tsx: 159 |
web/app/components/workflow/operator/zoom-in-out.tsx: 164 |
web/app/components/workflow/nodes/_base/components/node-control.tsx: 47 |
web/app/components/workflow/nodes/_base/components/node-control.tsx: 53 |
web/app/components/base/prompt-editor/plugins/component-picker-block/prompt-option.tsx:
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22 l
web/app/components/base/prompt-editor/plugins/component-picker-block/variable-option.tsx:
39 |
web/app/components/workflow/note-node/note-editor/plugins/link-editor-plugin/component.tsx:
121 |
web/app/components/workflow/note-node/note-editor/plugins/link-editor-plugin/component.tsx:
131 | web/app/components/workflow/note-node/note-editor/toolbar/command.tsx: 66 |
web/app/components/workflow/note-node/note-editor/toolbar/font-size-selector.tsx: 56 |
web/app/components/workflow/note-node/note-editor/toolbar/operator.tsx: 53 |
web/app/components/workflow/note-node/note-editor/toolbar/operator.tsx: 63 |
web/app/components/workflow/note-node/note-editor/toolbar/operator.tsx: 76
web/app/components/workflow/note-node/note-editor/toolbar/operator.tsx: 90 |
web/app/account/account-page/AvatarWithEdit.tsx: 88 |
web/app/components/datasets/hit-testing/components/result-item-external.tsx: 28 |
web/app/components/datasets/hit-testing/components/result-item-footer.tsx: 31 |
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web/app/components/datasets/create/step-two/option-card.tsx: 62 |
web/app/components/datasets/hit-testing/components/result-item.tsx: 43 |
web/app/components/workflow/header/version-history-item.tsx: 49 |
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web/app/components/header/account-dropdown/index.tsx: 185 |
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web/app/components/header/account-dropdown/workplace-selector/index.tsx: 83 |
web/app/(commonLayout)/datasets/DatasetCard.tsx: 113 |
web/app/components/base/checkbox/index.tsx: 16 |
web/app/components/base/radio-card/index.tsx: 39 |
web/app/components/base/tag-input/index.tsx: 83 |
web/app/components/datasets/common/document-picker/document-list.tsx: 28 |
web/app/components/datasets/common/document-status-with-action/status-with-action.tsx: 60
| web/app/components/datasets/create/file-uploader/index.tsx: 269 |
web/app/components/datasets/create/file-uploader/index.tsx: 283 |
web/app/components/datasets/create/file-uploader/index.tsx: 318 |
web/app/components/datasets/create/step-one/index.tsx: 278 |
web/app/components/datasets/create/step-two/index.tsx: 640 |
web/app/components/datasets/create/step-two/index.tsx: 652 |
web/app/components/datasets/create/step-two/index.tsx: 821
web/app/components/datasets/create/step-two/language-select/index.tsx: 29 |
web/app/components/datasets/documents/detail/completed/child-segment-detail.tsx: 102 |
web/app/components/datasets/documents/detail/completed/child-segment-detail.tsx: 105 |
web/app/components/datasets/documents/detail/completed/child-segment-list.tsx: 99 |
web/app/components/datasets/documents/detail/completed/new-child-segment.tsx: 141|
web/app/components/datasets/documents/detail/completed/new-child-segment.tsx: 144 |
web/app/components/datasets/documents/detail/completed/segment-card.tsx: 148 |
web/app/components/datasets/documents/detail/completed/segment-card.tsx: 191
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```
web/app/components/datasets/documents/detail/completed/segment-card.tsx: 204 |
web/app/components/datasets/documents/detail/completed/segment-card.tsx: 216
web/app/components/datasets/documents/detail/completed/segment-detail.tsx: 134 |
web/app/components/datasets/documents/detail/completed/segment-detail.tsx: 137 |
web/app/components/datasets/documents/detail/index.tsx: 191 |
web/app/components/datasets/documents/detail/metadata/index.tsx: 353 |
web/app/components/datasets/documents/detail/new-segment.tsx: 166
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web/app/components/datasets/documents/detail/metadata/index.tsx: 353 |
web/app/components/datasets/documents/detail/new-segment.tsx: 166
web/app/components/datasets/documents/detail/new-segment.tsx: 169
web/app/components/datasets/documents/detail/segment-add/index.tsx: 63 |
web/app/components/datasets/documents/detail/segment-add/index.tsx: 75 |
web/app/components/datasets/documents/list.tsx: 508 |
web/app/components/datasets/documents/list.tsx: 527 |
web/app/components/datasets/documents/list.tsx: 547
web/app/components/datasets/documents/list.tsx: 575 |
web/app/components/datasets/hit-testing/components/result-item.tsx: 52 |
web/app/components/datasets/hit-testing/textarea.tsx: 127 |
web/app/components/workflow/operator/zoom-in-out.tsx: 146 |
web/app/components/workflow/operator/zoom-in-out.tsx: 159 |
web/app/components/workflow/operator/zoom-in-out.tsx: 164
```

• Root Cause/How to fix: typescript:S1082

#### - Remove this commented out code.



• Type: CODE\_SMELL

• Severity: MAJOR

• Count: 16

• Locations: web/app/components/datasets/documents/list.tsx: 559 web/app/components/datasets/hit-testing/index.tsx: 181 web/app/components/datasets/documents/list.tsx: 559 | web/app/components/datasets/hit-testing/index.tsx: 181

• Root Cause/How to fix: typescript:S125

- Define a constant instead of duplicating this literal "No Embedding Model available. Please configure a valid provider in the Settings -> Model Provider." 4 times.

```
• Type: CODE_SMELL
```

• Severity: CRITICAL

• **Count:** 168

• Locations: api/controllers/console/datasets/datasets\_segments.py: 171 |
api/controllers/service\_api/dataset/segment.py: 56 | api/core/ops/entities/config\_entity.py: 34 |
api/core/app/apps/workflow/generate\_task\_pipeline.py: 269 | api/models/workflow.py: 101 |
api/controllers/console/datasets/datasets.py: 172 |
api/controllers/console/datasets/datasets\_document.py: 64 |
api/controllers/console/datasets/datasets\_document.py: 300 |
api/controllers/console/datasets/datasets\_segments.py: 48 |
api/controllers/console/datasets/datasets\_segments.py: 58 |
api/controllers/console/datasets/datasets\_segments.py: 278 | api/models/dataset.py: 46 |



```
api/models/dataset.py: 653 | api/services/dataset_service.py: 1582 | api/models/account.py: 24 |
api/models/model.py: 70 | api/controllers/console/apikey.py: 48 | api/core/moderation/api/api.py:
49 | api/core/ops/ops_trace_manager.py: 170 | api/core/rag/datasource/retrieval_service.py: 143 |
api/core/rag/extractor/notion_extractor.py: 81
api/controllers/console/datasets/datasets_segments.py: 171 |
api/controllers/service_api/dataset/segment.py: 56 | api/core/ops/entities/config_entity.py: 34 |
api/core/app/apps/workflow/generate_task_pipeline.py: 269 | api/models/workflow.py: 101 |
api/controllers/console/datasets/datasets.py: 172 |
api/controllers/console/datasets/datasets_document.py: 64 |
api/controllers/console/datasets/datasets_document.py: 300 |
api/controllers/console/datasets/datasets_segments.py: 48 |
api/controllers/console/datasets/datasets_segments.py: 58 |
api/controllers/console/datasets/datasets_segments.py: 278 | api/models/dataset.py: 46 |
api/models/dataset.py: 653 | api/services/dataset_service.py: 1582 | api/models/account.py: 24 |
api/models/model.py: 70 | api/controllers/console/apikey.py: 48 | api/core/moderation/api/api.py:
49 | api/core/ops/ops_trace_manager.py: 170 | api/core/rag/datasource/retrieval_service.py: 143 |
api/core/rag/extractor/notion_extractor.py: 81 |
api/controllers/console/datasets/datasets_segments.py: 171 |
api/controllers/service_api/dataset/segment.py: 56 | api/core/ops/entities/config_entity.py: 34 |
api/core/app/apps/workflow/generate_task_pipeline.py: 269 | api/models/workflow.py: 101 |
api/controllers/console/datasets/datasets.py: 172 |
api/controllers/console/datasets/datasets_document.py: 64
api/controllers/console/datasets/datasets_document.py: 300 |
api/controllers/console/datasets/datasets_segments.py: 48 |
api/controllers/console/datasets/datasets_segments.py: 58 |
api/controllers/console/datasets/datasets_segments.py: 278 | api/models/dataset.py: 46 |
api/models/dataset.py: 653 | api/services/dataset_service.py: 1582 | api/models/account.py: 24 |
api/models/model.py: 70 | api/controllers/console/apikey.py: 48 | api/core/moderation/api/api.py:
49 | api/core/ops/ops_trace_manager.py: 170 | api/core/rag/datasource/retrieval_service.py: 143 |
api/core/rag/extractor/notion_extractor.py: 81 |
api/controllers/console/datasets/datasets_segments.py: 171 |
api/controllers/service_api/dataset/segment.py: 56 | api/core/ops/entities/config_entity.py: 34 |
api/core/app/apps/workflow/generate_task_pipeline.py: 269 | api/models/workflow.py: 101 |
api/controllers/console/datasets/datasets.py: 172
api/controllers/console/datasets/datasets_document.py: 64 |
api/controllers/console/datasets/datasets_document.py: 300 |
api/controllers/console/datasets/datasets_segments.py: 48 |
api/controllers/console/datasets/datasets_segments.py: 58 |
api/controllers/console/datasets/datasets_segments.py: 278 | api/models/dataset.py: 46 |
api/models/dataset.py: 653 | api/services/dataset_service.py: 1582 | api/models/account.py: 24 |
api/models/model.py: 70 | api/controllers/console/apikey.py: 48 | api/core/moderation/api/api.py:
49 | api/core/ops/ops_trace_manager.py: 170 | api/core/rag/datasource/retrieval_service.py: 143 |
api/core/rag/extractor/notion_extractor.py: 81 |
api/controllers/console/datasets/datasets_segments.py: 171 |
api/controllers/service_api/dataset/segment.py: 56 | api/core/ops/entities/config_entity.py: 34 |
```



```
api/core/app/apps/workflow/generate_task_pipeline.py: 269 | api/models/workflow.py: 101 |
api/controllers/console/datasets/datasets.py: 172 |
api/controllers/console/datasets/datasets_document.py: 64
api/controllers/console/datasets/datasets_document.py: 300 |
api/controllers/console/datasets/datasets_segments.py: 48 |
api/controllers/console/datasets/datasets_segments.py: 58 |
api/controllers/console/datasets/datasets_segments.py: 278 | api/models/dataset.py: 46 |
api/models/dataset.py: 653 | api/services/dataset_service.py: 1582 | api/models/account.py: 24 |
api/models/model.py: 70 | api/controllers/console/apikey.py: 48 | api/core/moderation/api/api.py:
49 | api/core/ops/ops_trace_manager.py: 170 | api/core/rag/datasource/retrieval_service.py: 143 |
api/core/rag/extractor/notion_extractor.py: 81 |
api/controllers/console/datasets/datasets_segments.py: 171 |
api/controllers/service_api/dataset/segment.py: 56 | api/core/ops/entities/config_entity.py: 34 |
api/core/app/apps/workflow/generate_task_pipeline.py: 269 | api/models/workflow.py: 101 |
api/controllers/console/datasets/datasets.py: 172 |
api/controllers/console/datasets/datasets_document.py: 64 |
api/controllers/console/datasets/datasets_document.py: 300 |
api/controllers/console/datasets/datasets_segments.py: 48 |
api/controllers/console/datasets/datasets_segments.py: 58 |
api/controllers/console/datasets/datasets_segments.py: 278 | api/models/dataset.py: 46 |
api/models/dataset.py: 653 | api/services/dataset_service.py: 1582 | api/models/account.py: 24 |
api/models/model.py: 70 | api/controllers/console/apikey.py: 48 | api/core/moderation/api/api.py:
49 | api/core/ops/ops_trace_manager.py: 170 | api/core/rag/datasource/retrieval_service.py: 143 |
api/core/rag/extractor/notion_extractor.py: 81 |
api/controllers/console/datasets/datasets_segments.py: 171 |
api/controllers/service_api/dataset/segment.py: 56 | api/core/ops/entities/config_entity.py: 34 |
api/core/app/apps/workflow/generate_task_pipeline.py: 269 | api/models/workflow.py: 101 |
api/controllers/console/datasets/datasets.py: 172
api/controllers/console/datasets/datasets_document.py: 64 |
api/controllers/console/datasets/datasets_document.py: 300 |
api/controllers/console/datasets/datasets_segments.py: 48 |
api/controllers/console/datasets/datasets_segments.py: 58 |
api/controllers/console/datasets/datasets_segments.py: 278 | api/models/dataset.py: 46 |
api/models/dataset.py: 653 | api/services/dataset_service.py: 1582 | api/models/account.py: 24 |
api/models/model.py: 70 | api/controllers/console/apikey.py: 48 | api/core/moderation/api/api.py:
49 | api/core/ops/ops_trace_manager.py: 170 | api/core/rag/datasource/retrieval_service.py: 143 |
api/core/rag/extractor/notion_extractor.py: 81
api/controllers/console/datasets/datasets_segments.py: 171 |
api/controllers/service_api/dataset/segment.py: 56 | api/core/ops/entities/config_entity.py: 34 |
api/core/app/apps/workflow/generate_task_pipeline.py: 269 | api/models/workflow.py: 101 |
api/controllers/console/datasets/datasets.py: 172
api/controllers/console/datasets/datasets_document.py: 64 |
api/controllers/console/datasets/datasets_document.py: 300 |
api/controllers/console/datasets/datasets_segments.py: 48 |
api/controllers/console/datasets/datasets_segments.py: 58 |
```



api/controllers/console/datasets/datasets\_segments.py: 278 | api/models/dataset.py: 46 | api/models/dataset.py: 653 | api/services/dataset\_service.py: 1582 | api/models/account.py: 24 | api/models/model.py: 70 | api/controllers/console/apikey.py: 48 | api/core/moderation/api/api.py: 49 | api/core/ops/ops\_trace\_manager.py: 170 | api/core/rag/datasource/retrieval\_service.py: 143 | api/core/rag/extractor/notion\_extractor.py: 81

• Root Cause/How to fix: python:S1192

#### - A form label must be associated with a control.

• Type: CODE\_SMELL

• Severity: MINOR

• Count: 16

• Locations: web/app/components/datasets/chunk.tsx: 46 | web/app/components/datasets/chunk.tsx: 50 | web/app/components/datasets/chunk.tsx: 46 | web/app/components/datasets/chunk.tsx: 50 | web/app/components/datasets/chunk.tsx: 46 | web/app/components/datasets/chunk.tsx: 50 |

 $web/app/components/datasets/chunk.tsx: 46 \mid web/app/components/datasets/chunk.tsx: 50 \mid web/app/components/datasets/chunk.tsx: 46 \mid web/app/components/datasets/chunk.tsx: 50 \mid web/app/components/d$ 

web/app/components/datasets/chunk.tsx: 46 | web/app/components/datasets/chunk.tsx: 50 | web/app/components/datasets/chunk.tsx: 46 | web/app/components/datasets/chunk.tsx: 50 |

web/app/components/datasets/chunk.tsx: 46 | web/app/components/datasets/chunk.tsx: 50

• Root Cause/How to fix: typescript:S6853

# - Ambiguous spacing after previous element span

• Type: CODE\_SMELL

• Severity: MAJOR

• Count: 8

• Locations: web/app/components/datasets/hit-testing/textarea.tsx: 177

web/app/components/datasets/hit-testing/textarea.tsx: 177 |

 $web/app/components/datasets/hit-testing/textarea.tsx: 177 \mid$ 

web/app/components/datasets/hit-testing/textarea.tsx: 177 |

web/app/components/datasets/hit-testing/textarea.tsx: 177 |

web/app/components/datasets/hit-testing/textarea.tsx: 177 |

web/app/components/datasets/hit-testing/textarea.tsx: 177 |

web/app/components/datasets/hit-testing/textarea.tsx: 177



• Root Cause/How to fix: typescript:S6772

### - Remove this commented out code.

• Type: CODE\_SMELL

• Severity: MAJOR

• Count: 8

• Locations: api/core/model\_runtime/model\_providers/deepseek/llm/llm.py: 173 | api/core/model\_runtime/model\_providers/deepseek/llm/l

• Root Cause/How to fix: python:S125