

X-Ray Results

Hotspots (/projects/68671/jobs/4173288/results/code/hotspots/system-map)
/ ai-teddy-bear-/src/application/services/core/moderation_service.py

File name: moderation_service.py

6

File Code Health

Lines of Code: 776

What does the data in this table show?

X-Ray identifies hotspots at the function level. Use the X-Ray findings as a prioritized list of where to start refactoring. This is particularly useful when faced with large, complex hotspots.

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CodeScene automatically highlights these Refactoring Targets in the table below.

In addition, X-Ray gives you change coupling information at the function level. Use that information to evaluate the internal design of the module, making sure the dependencies are meaningful and avoid unnecessary duplication in the code.

Hotspots








Internal Change Coupling





Structural Recommendations

CI

Function name	<div>i</div> Change Frequency	<div>i</div> Lines of Code	Actions
ModerationService.check_content <div>🔍</div>	2	86	<div>⋮</div>
_check_with_azure <div>🔍</div>	2	65	<div>⋮</div>
_check_with_openai <div>🔍</div>	2	60	<div>⋮</div>

Function name	 Change Frequency	 Lines of Code	Actions
_check_context_appropriate 	2	50	
get_moderation_stats	2	42	
export_moderation_logs	2	39	
ModerationService._init_nlp_models	2	35	
_send_parent_alert	2	22	
set_parent_dashboard	2	3	
_check_with_google	1	56	
_check_with_nlp_models	1	49	
_log_moderation	1	43	
_aggregate_results	1	43	
_should_alert_parent	1	35	
ModerationService.__init__	1	34	

Function name	 Change Frequency	 Lines of Code	Actions
ModerationService._load_lists	1	33	
_check_with_rule_engine	1	31	
ModerationService._init_api_clients	1	28	
_check_whitelist_blacklist	1	24	
update_blacklist	1	15	
update_whitelist	1	15	
test_moderation	1	9	
_generate_safe_alternative	0	19	
moderate_content	0	15	
_generate_reason	0	14	
remove_custom_rule	0	9	
add_custom_rule	0	9	

Function name	 Change Frequency	 Lines of Code	Actions
_generate_cache_key	0	4	
_null_check	0	3	

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