




augur_data.message_sentiment	
	msg_analysis_id: int8
	msg_id: int8
	worker_run_id: int8
	sentiment_score: float8
	reconstruction_error: float8
	novelty_flag: bool
	feedback_flag: bool
	tool_source: varchar
	tool_version: varchar
	data_source: varchar
	data_collection_date: timestamp(0)

augur_data.pull_request_teams	
	pr_team_id: int8
	pull_request_id: int8
	pr_src_team_id: int8
	pr_src_team_node: varchar
	pr_src_team_url: varchar
	pr_team_name: varchar
	pr_team_slug: varchar
	pr_team_description: varchar
	pr_team_privacy: varchar
	pr_team_permission: varchar
	pr_team_src_members_url: varchar
	pr_team_src_repositories_url: varchar
	pr_team_parent_id: int8
	tool_source: varchar(255)
	tool_version: varchar(255)
	data_source: varchar(255)
	data_collection_date: timestamp(0)

augur_data.pull_request_message_ref	
	pr_msg_ref_id: int8
	pull_request_id: int8
	msg_id: int8
	pr_message_ref_src_comment_id: int8
	pr_message_ref_src_node_id: varchar
	tool_source: varchar(255)
	tool_version: varchar(255)
	data_source: varchar(255)
	data_collection_date: timestamp(0)



augur_data.pull_request_files	
pull_request_id	int8
pr_file_id	int8
pr_file_additions	int8
pr_file_deletions	int8
pr_file_path	varchar
tool_source	varchar
tool_version	varchar
data_source	varchar
data_collection_date	timestamp(0)

augur_data.pull_request_labels	
pr_label_id	int8
pull_request_id	int8
pr_src_id	int8
pr_src_node_id	varchar
pr_src_url	varchar
pr_src_description	varchar
pr_src_color	varchar
pr_src_default_bool	bool
tool_source	varchar(255)
tool_version	varchar(255)
data_source	varchar(255)
data_collection_date	timestamp(0)

augur_data.pull_request_analysis	
pull_request_analysis_id	int8
pull_request_id	int8
merge_probability	numeric(256, 250)
mechanism	varchar
tool_source	varchar
tool_version	varchar
data_source	varchar
data_collection_date	timestamp(6)

augur_data.pull_requests	
pull_request_id	int8
pr_url	varchar
pr_src_id	int8
pr_src_node_id	varchar
pr_html_url	varchar
pr_diff_url	varchar
pr_patch_url	varchar
pr_issue_url	varchar
pr_augur_issue_id	int8
pr_src_number	int8
pr_src_state	varchar
pr_src_locked	bool
pr_src_title	varchar
pr_augur_contributor_id	int8
pr_body	text
pr_created_at	timestamp(0)
pr_updated_at	timestamp(0)
pr_closed_at	timestamp(0)
pr_merged_at	timestamp(0)
pr_merge_commit_sha	varchar
pr_teams	int8
pr_milestone	varchar
pr_commits_url	varchar
pr_review_comments_url	varchar
pr_review_comment_url	varchar
pr_comments_url	varchar
pr_statuses_url	varchar
pr_meta_head_id	int8
pr_meta_base_id	int8
pr_src_issue_url	varchar
pr_src_comments_url	varchar
pr_src_review_comments_url	varchar
pr_src_commits_url	varchar
pr_src_statuses_url	varchar
pr_src_author_association	varchar
repo_id	int8
tool_source	varchar(255)
tool_version	varchar(255)
data_source	varchar(255)
data_collection_date	timestamp(0)

augur_data.pull_request_meta	
pr_repo_meta_id	int8
pull_request_id	int8
pr_head_or_base	varchar
pr_src_meta_label	varchar
pr_src_meta_ref	varchar
pr_sha	varchar
cntrb_id	int8
tool_source	varchar(255)
tool_version	varchar(255)
data_source	varchar(255)
data_collection_date	timestamp(0)

augur_data.pull_request_events	
pr_event_id	int8
pull_request_id	int8
cntrb_id	int8
action	varchar(255)
action_commit_hash	varchar
created_at	timestamp(0)
issue_event_src_id	int8
node_id	varchar
node_url	varchar
tool_source	varchar(255)
tool_version	varchar(255)
data_source	varchar(255)
data_collection_date	timestamp(0)

augur_data.pull_request_assignees	
pr_assignee_map_id	int8
pull_request_id	int8
contrib_id	int8
pr_assignee_src_id	int8
tool_source	varchar(255)
tool_version	varchar(255)
data_source	varchar(255)
data_collection_date	timestamp(0)

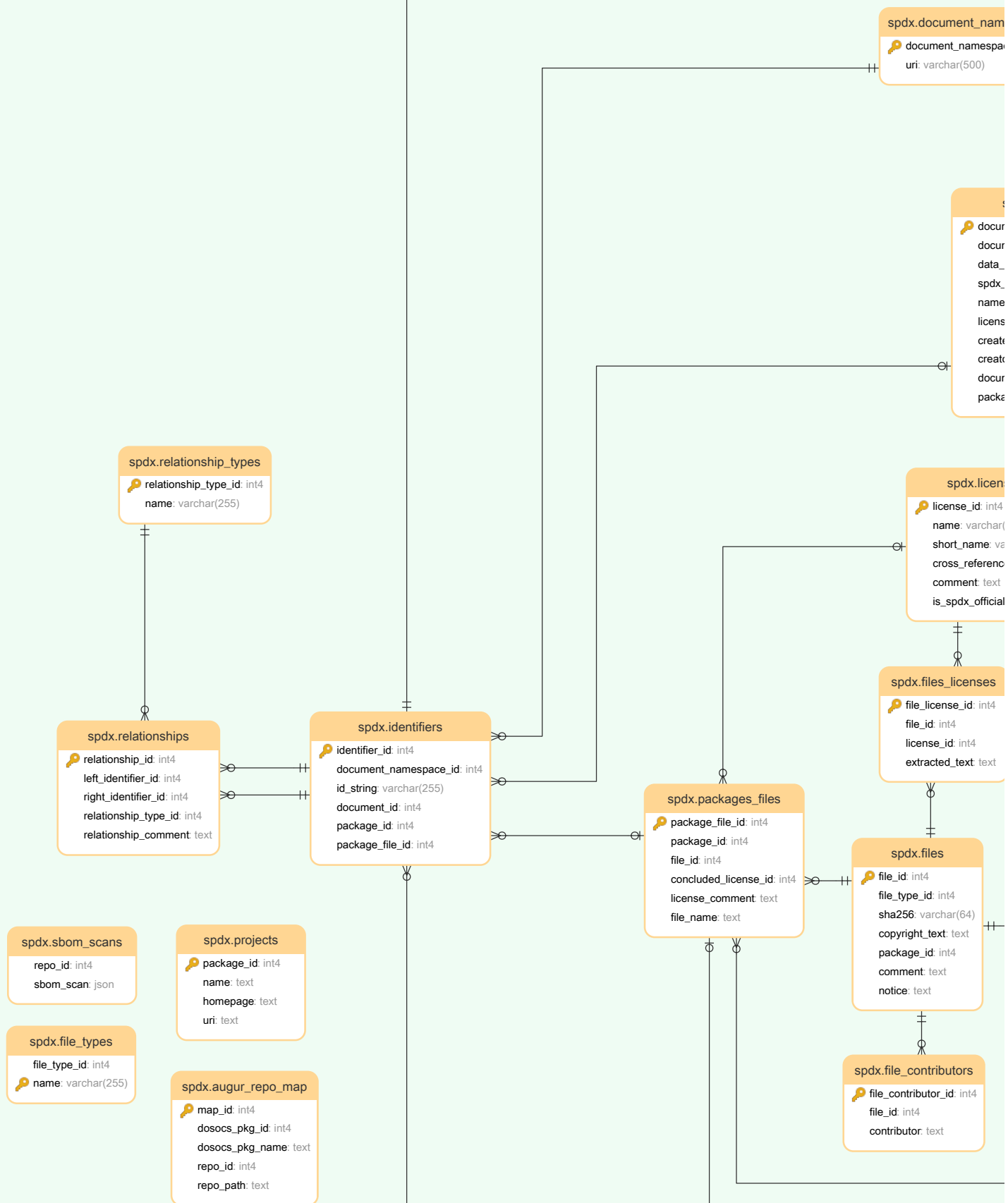
augur_data.pull_request_commits	
pr_cmt_id	int8
pull_request_id	int8

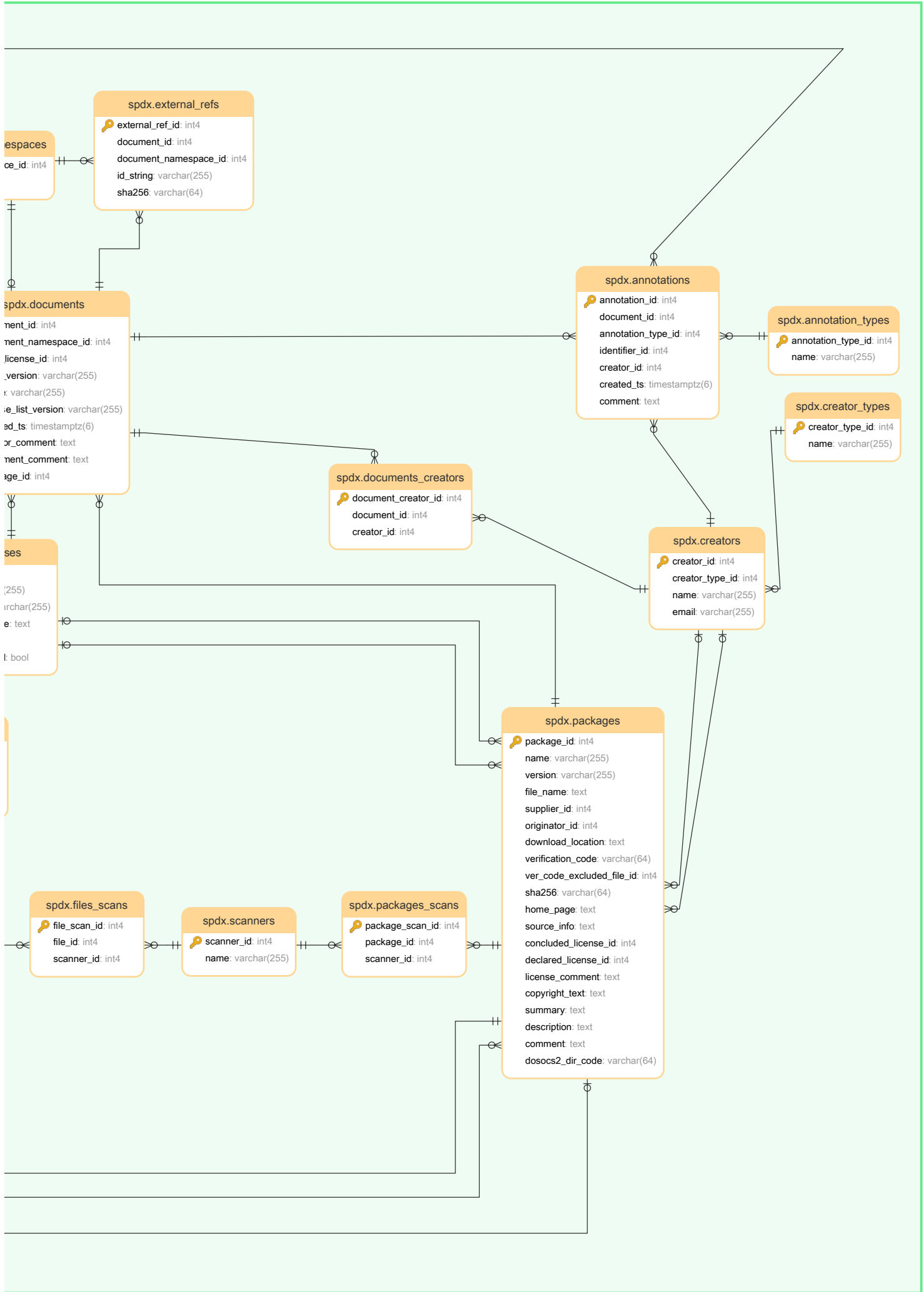
augur_data.pull_request_repo

 **pr_repo_id**: int8
pr_repo_meta_id: int8
pr_repo_head_or_base: varchar
pr_src_repo_id: int8
pr_src_node_id: varchar
pr_repo_name: varchar
pr_repo_full_name: varchar
pr_repo_private_bool: bool
 **pr_cntrb_id**: int8
tool_source: varchar(255)
tool_version: varchar(255)
data_source: varchar(255)
data_collection_date: timestamp(0)

augur_data.contributors_history

 **cntrb_history_id**: int8
 **cntrb_id**: int8
cntrb_history_timestamp: timestamp(0)
cntrb_history_current_bool: bool
cntrb_organizations_list: json
cntrb_gists_count: int8
cntrb_starred_count: int8
cntrb_following_count: int8
cntrb_follower_count: int8
 **cntrb_login**: varchar(255)
cntrb_email: varchar(255)
cntrb_company: varchar(255)
cntrb_created_at: timestamp(0)
cntrb_type: varchar(255)
cntrb_fake: int2
cntrb_deleted: int2
cntrb_long: numeric(11, 8)
cntrb_lat: numeric(10, 8)
cntrb_country_code: char(3)
cntrb_state: varchar(255)
cntrb_city: varchar(255)
cntrb_location: varchar(255)
cntrb_canonical: varchar(128)
gh_user_id: int8
gh_login: varchar(255)
gh_url: varchar(255)
gh_html_url: varchar(255)
gh_node_id: varchar(255)






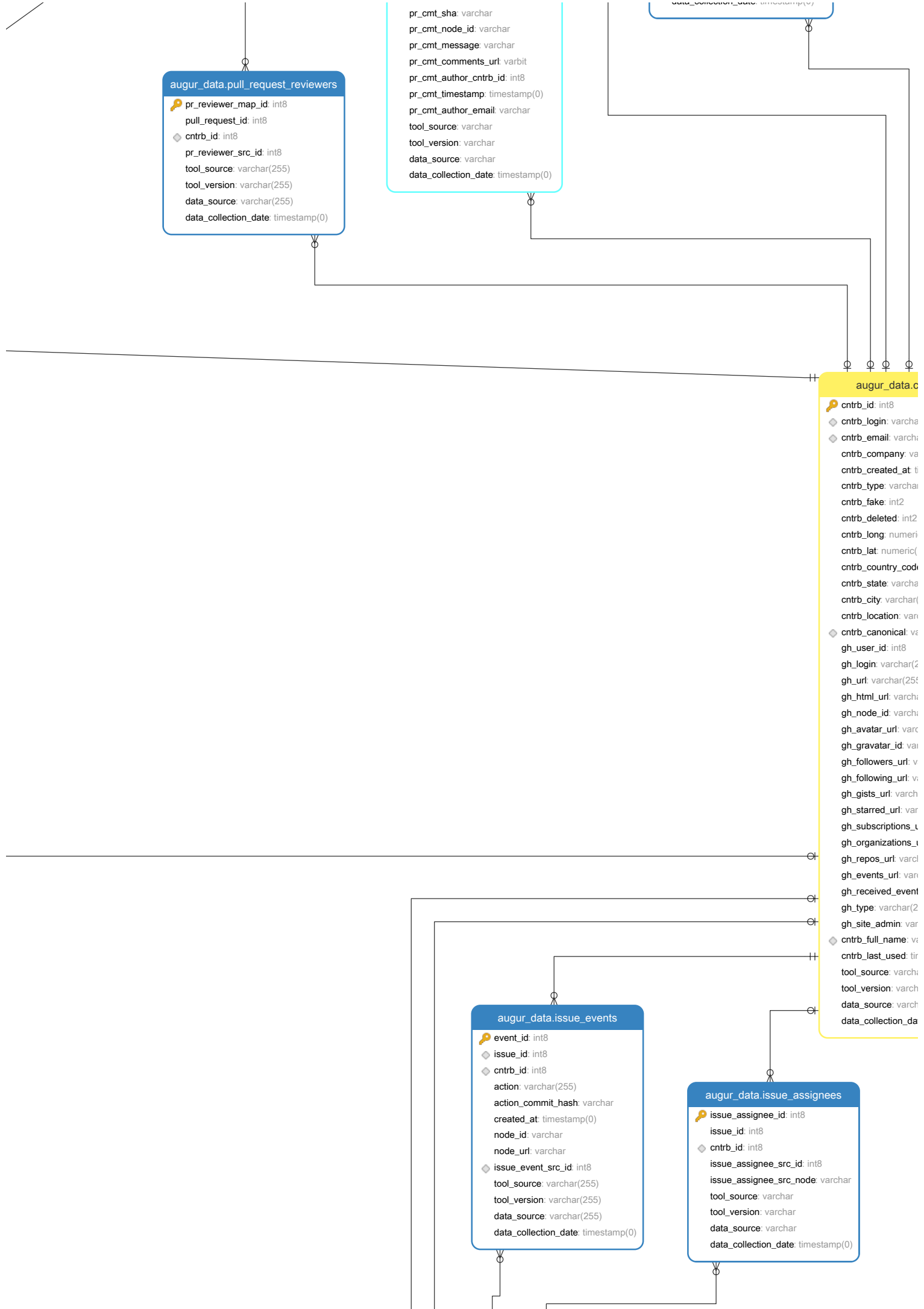


augur_data.pull_request_review_message_ref

 pr_review_msg_ref_id: int8
pr_review_id: int8
msg_id: int8
pr_review_msg_url: varchar
pr_review_src_id: int8
pr_review_msg_src_id: int8
pr_review_msg_node_id: varchar
pr_review_msg_diff_hunk: varchar
pr_review_msg_path: varchar
pr_review_msg_position: varchar
pr_review_msg_original_position: varchar
pr_review_msg_commit_id: varchar
pr_review_msg_original_commit_id: varchar
pr_review_msg_updated_at: timestamp(6)
pr_review_msg_html_url: varchar
pr_url: varchar
pr_review_msg_author_association: varchar
pr_review_msg_start_line: varchar
pr_review_msg_original_start_line: varchar
pr_review_msg_start_side: varchar
pr_review_msg_line: varchar
pr_review_msg_original_line: varchar
pr_review_msg_side: varchar
tool_source: varchar
tool_version: varchar
data_source: varchar
data_collection_date: timestamp(0)

augur_data.pull_request_reviews

 pr_review_id: int8
pull_request_id: int8
cntrb_id: int8
pr_review_author_association: varchar
pr_review_state: varchar
pr_review_body: varchar
pr_review_submitted_at: timestamp(6)
pr_review_src_id: int8
pr_review_node_id: varchar
pr_review_html_url: varchar
pr_review_pull_request_url: varchar
pr_review_commit_id: varchar
tool_source: varchar
tool_version: varchar
data_source: varchar
data_collection_date: timestamp(0)



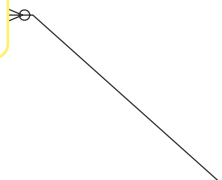
gh_avatar_url:	varchar(4000)
gh_gravatar_id:	varchar(255)
gh_followers_url:	varchar(4000)
gh_following_url:	varchar(4000)
gh_gists_url:	varchar(4000)
gh_starred_url:	varchar(4000)
gh_subscriptions_url:	varchar(4000)
gh_organizations_url:	varchar(4000)
gh_repos_url:	varchar(4000)
gh_events_url:	varchar(4000)
gh_received_events_url:	varchar(4000)
gh_type:	varchar(255)
gh_site_admin:	varchar(255)
tool_source:	varchar(255)
tool_version:	varchar(255)
data_source:	varchar(255)
data_collection_date:	timestamp(0)


ontributors	
ar(255)	
ar	
rchar(255)	
imestamp(0)	
r(255)	
c(11, 8)	
10, 8)	
e: char(3)	
tr(255)	
(255)	
char(255)	
archar	
255)	
3)	
ar(255)	
ar(255)	
:har(4000)	
rchar(255)	
archar(4000)	
archar(4000)	
ar(4000)	
char(4000)	
url: varchar(4000)	
url: varchar(4000)	
har(4000)	
char(4000)	
is_url: varchar(4000)	
55)	
char(255)	
archar	
nestamptz(0)	
ar(255)	
iar(255)	
iar(255)	
te: timestamp(0)	


augur_data.contributors_aliases	
cntrb_id:	int8
cntrb_a_id:	int8
canonical_email:	varchar
alias_email:	varchar(128)
cntrb_active:	int2
cntrb_last_modified:	timestamp(0)
tool_source:	varchar(255)
tool_version:	varchar(255)
data_source:	varchar(255)
data_collection_date:	timestamp(0)


augur_data.contributor_repo	
cntrb_repo_id:	int8
cntrb_id:	int8
repo_git:	varchar
cntrb_category:	varchar(255)
event_id:	int8
gh_repo_id:	int8
repo_name:	varchar(255)
created_at:	timestamp(0)
tool_source:	varchar
tool_version:	varchar
data_source:	varchar
data_collection_date:	timestamp(0)


augur_data.repo_labor	
	repo_labor_id: int8
	repo_id: int8
	repo_clone_date: timestamp(0)
	rl_analysis_date: timestamp(0)
	programming_language: varchar(255)
	file_path: varchar(500)
	file_name: varchar(255)
	total_lines: int4
	code_lines: int4
	comment_lines: int4
	blank_lines: int4
	code_complexity: int4
	repo_url: varchar(500)
	tool_source: varchar(255)
	tool_version: varchar(255)
	data_source: varchar(255)
	data_collection_date: timestamp(0)





augur_data.repo_insights_records	
	ri_id: int8
	repo_id: int8


augur_data.repo_insights	
	ri_id: int8
	repo_id: int8
	ri_metric: varchar
	ri_value: varchar(255)

augur_data.repo_info	
	repo_info_id: int8
	repo_id: int8
	last_updated: timestamp(0)
	issues_enabled: varchar(255)
	open_issues: int4
	pull_requests_enabled: varchar(255)
	wiki_enabled: varchar(255)
	pages_enabled: varchar(255)
	fork_count: int4
	default_branch: varchar(255)
	watchers_count: int4
	UUID: int4
	license: varchar(255)
	stars_count: int4
	committers_count: int4
	issue_contributors_count: varchar(255)
	changelog_file: varchar(255)
	contributing_file: varchar(255)
	license_file: varchar(255)
	code_of_conduct_file: varchar(255)
	security_issue_file: varchar(255)
	security_audit_file: varchar(255)
	status: varchar(255)
	keywords: varchar(255)
	commit_count: int8
	issues_count: int8
	issues_closed: int8

augur_data.repo_deps_scorecard	
	repo_deps_scorecard_id: int8
	repo_id: int8

augur_data.repo_dependencies	
	repo_dependencies_id: int8
	repo_id: int8
	dep_name: varchar(255)
	dep_count: int4

augur_data.repo_cluster_messages	
	msg_cluster_id: int8
	repo_id: int8
	cluster_content: int4
	cluster_mechanism: int4

augur_data.repo_messages	
	badge_content: int8
	repo_id: int8
	created_at: timestamp
	data: jsonb
	tool_source: varchar(255)

augur_data.repo_badging	
collection_id	int8
	int8
.at	timestamp(0)
nb	
irce	varchar(255)

augur_data.releases	
release_id	char(64)
repo_id	int8
release_name	varchar(255)
release_description	varchar
release_author	varchar(255)
release_created_at	timestamp(6)
release_published_at	timestamp(6)
release_updated_at	timestamp(6)
release_is_draft	bool
release_is_prerelease	bool
release_tag_name	varchar(255)
release_url	varchar(255)
tag_only	bool
tool_source	varchar(255)
tool_version	varchar(255)

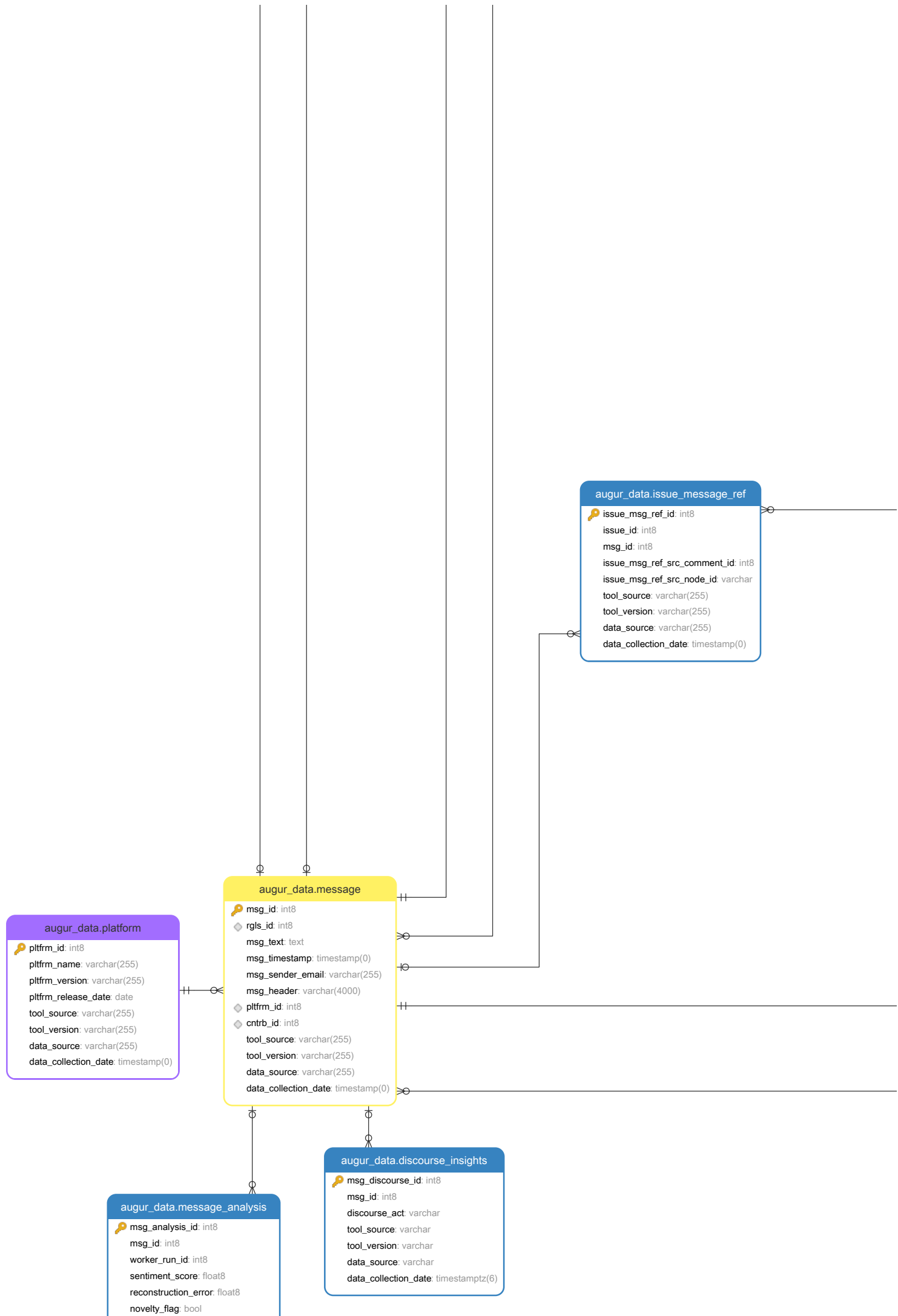
augur_data.message_sentiment_summary	
msg_summary_id	int8
repo_id	int8
worker_run_id	int8
positive_ratio	float8
negative_ratio	float8
novel_count	int8
period	timestamp(0)
tool_source	varchar
tool_version	varchar
data_source	varchar
data_collection_date	timestamp(0)

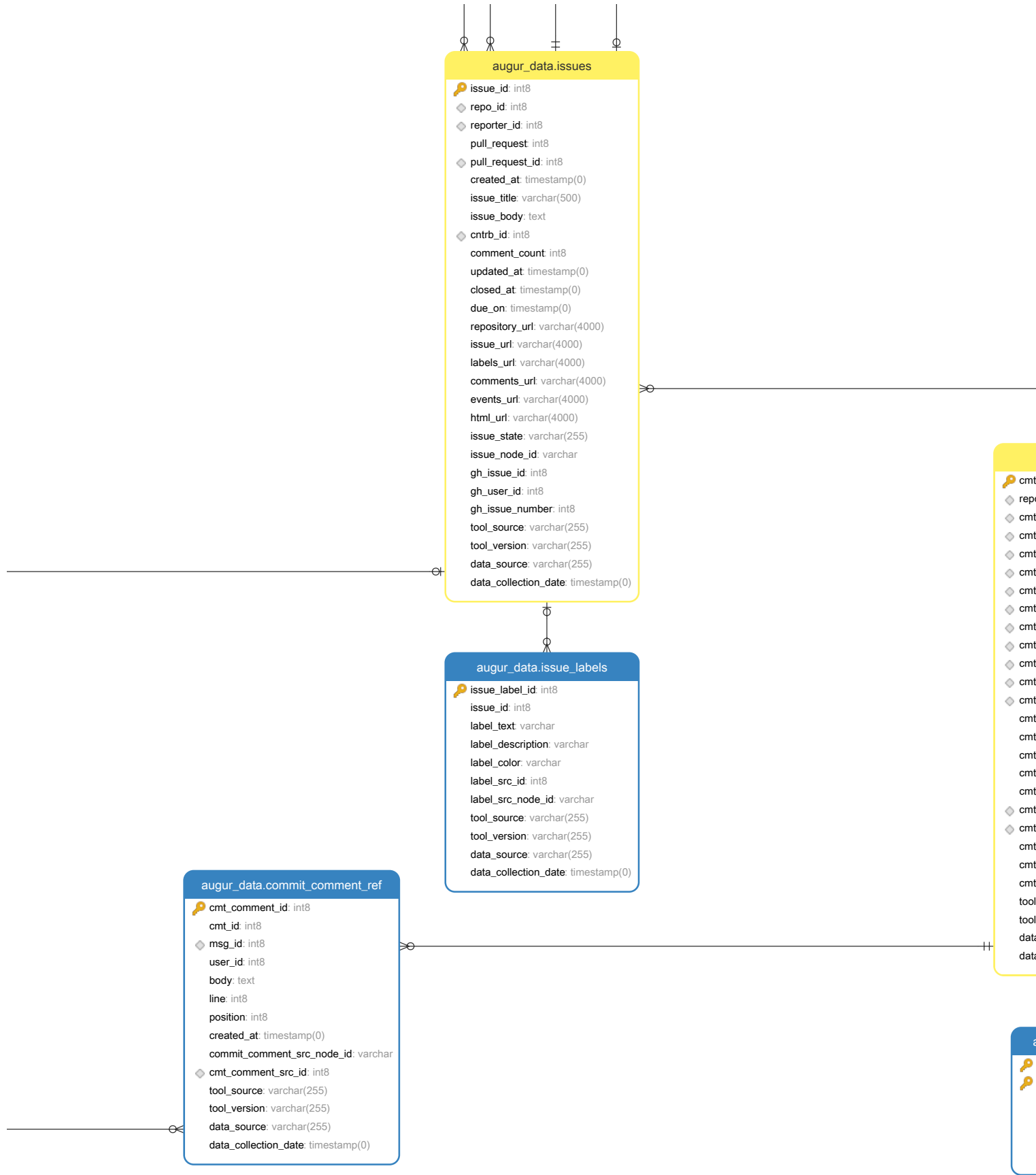
augur_data.message_analysis_summary	
msg_summary_id	int8
repo_id	int8
worker_run_id	int8
positive_ratio	float8
negative_ratio	float8
novel_count	int8
period	timestamp(0)
tool_source	varchar
tool_version	varchar
data_source	varchar
data_collection_date	timestamp(0)

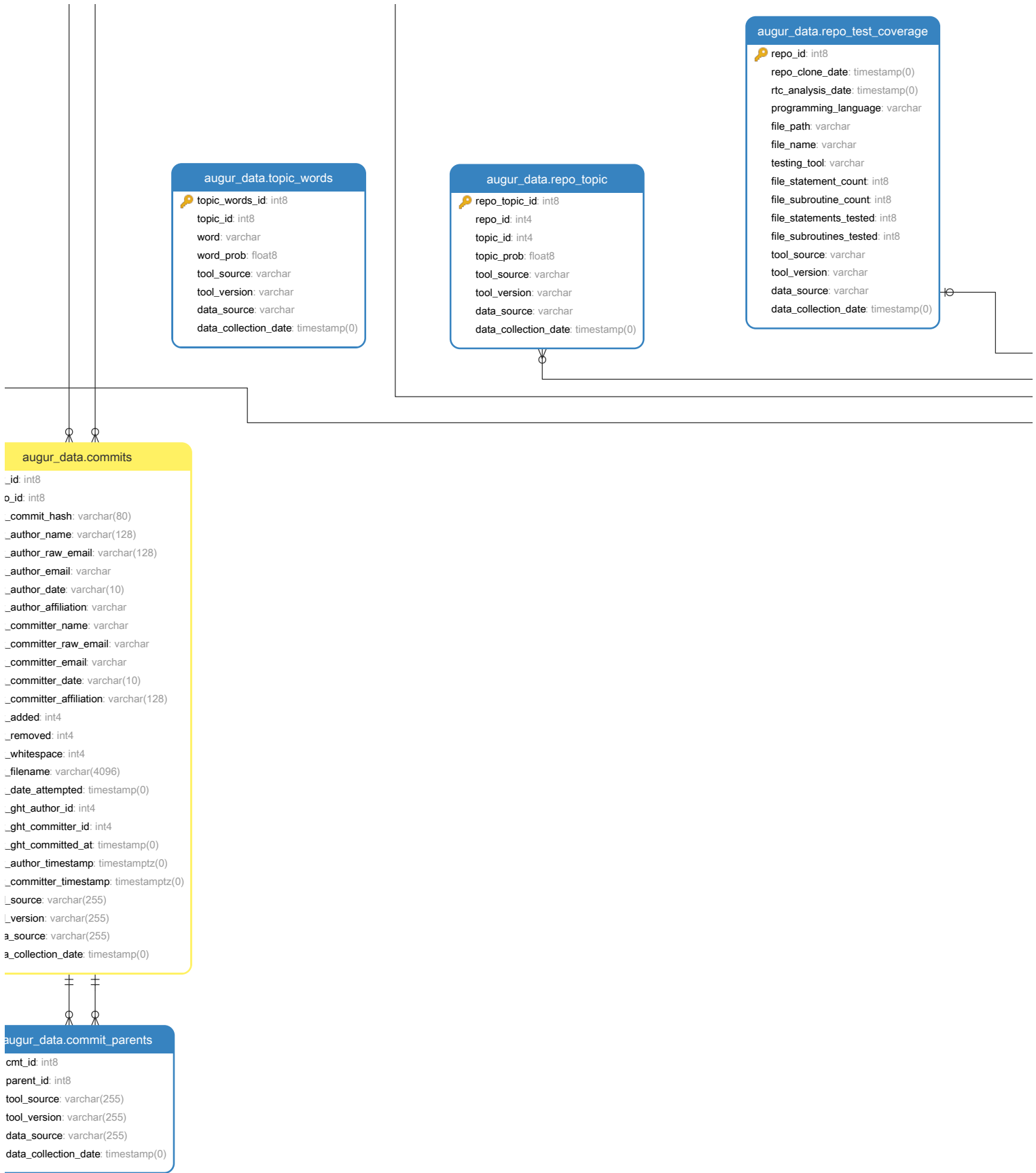
augur_data.lstm_anomaly_results	
result_id	int8
repo_id	int8
repo_category	varchar
model_id	int8
metric	varchar
contamination_factor	float8

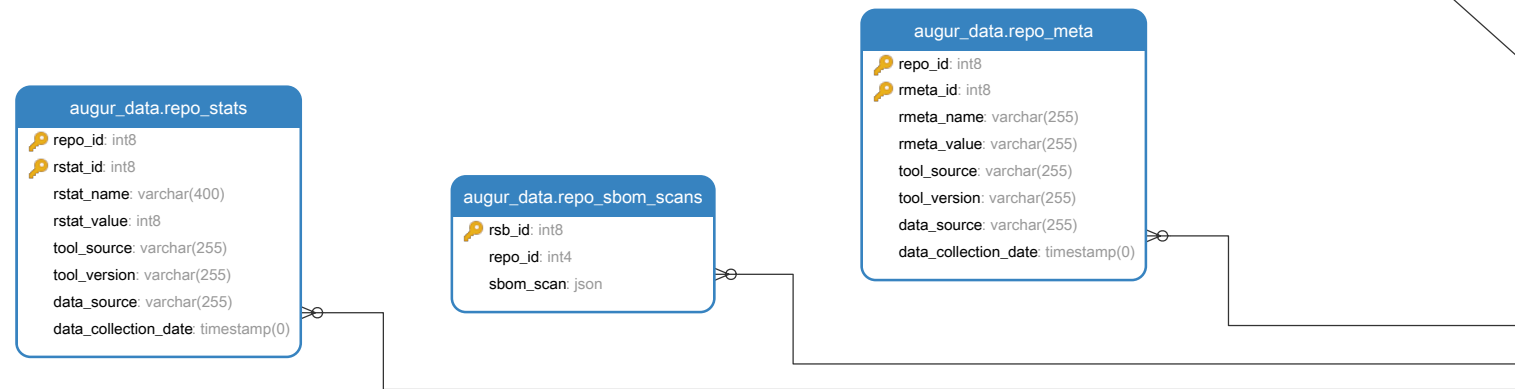
augur_data.lstm_anomaly_models

model_id: int8
model_name: varchar
model_description: varchar
look_back_days: int8
created_date: date





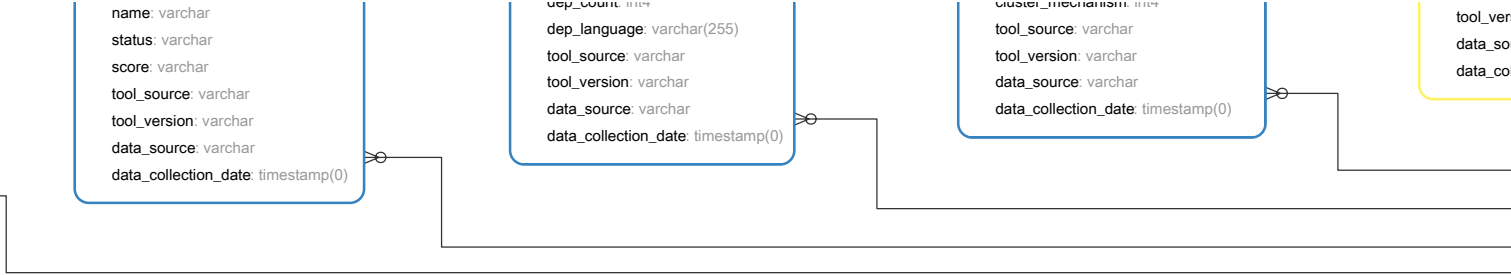




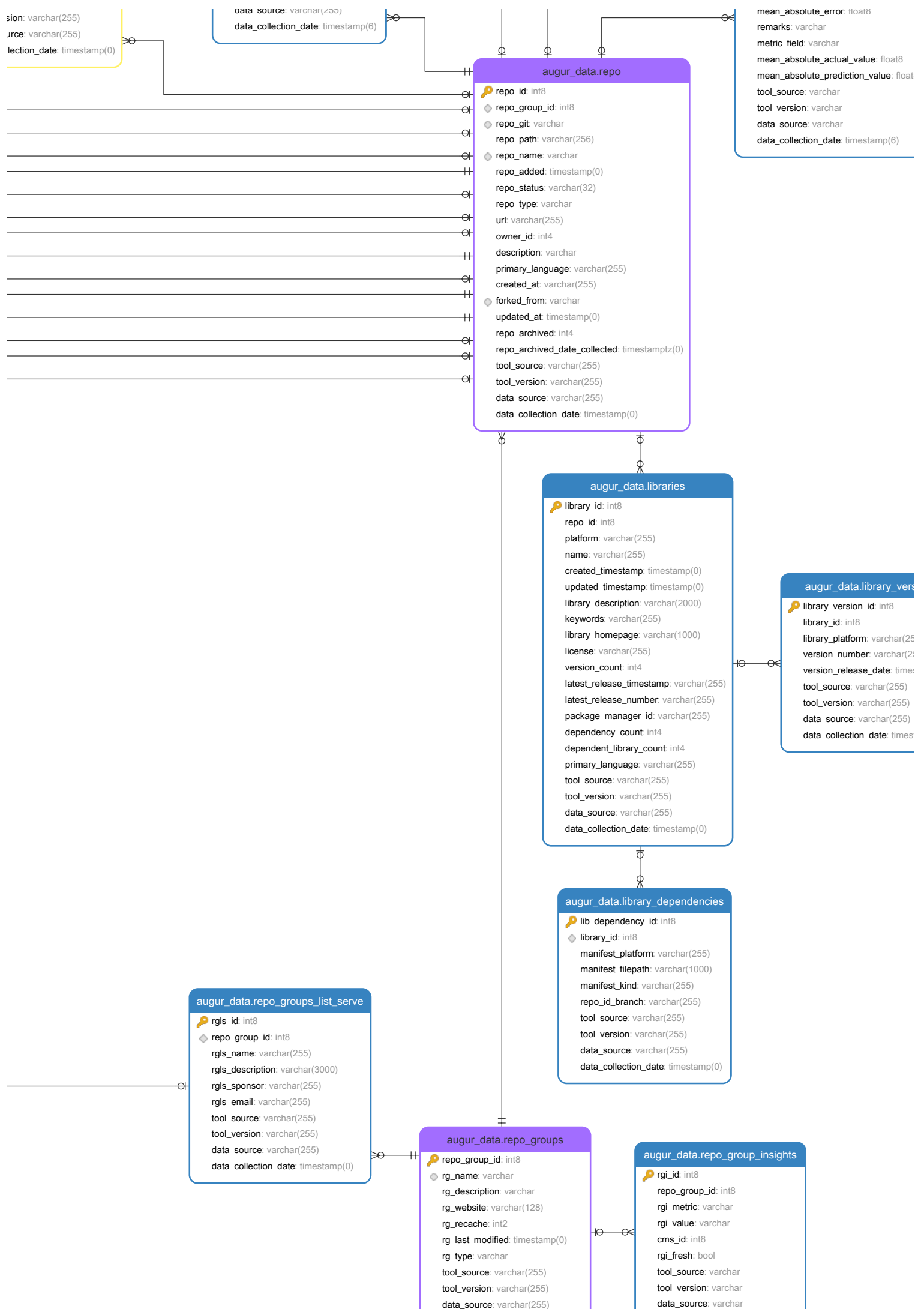
ri_metric: varchar
ri_field: varchar
ri_value: varchar
◆ ri_date: timestamp(6)
ri_score: float8
ri_detection_method: varchar
tool_source: varchar
tool_version: varchar
data_source: varchar
data_collection_date: timestamp(6)

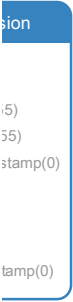
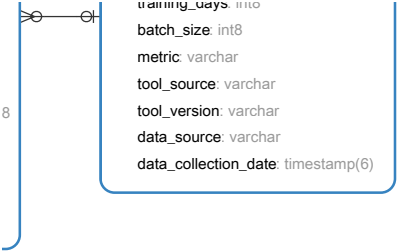
ri_value: varchar(255)
ri_date: timestamp(0)
ri_fresh: bool
ri_score: numeric
ri_field: varchar(255)
ri_detection_method: varchar(255)
tool_source: varchar
tool_version: varchar
data_source: varchar
data_collection_date: timestamp(0)

pull_request_count: int8
pull_requests_open: int8
pull_requests_closed: int8
pull_requests_merged: int8
tool_source: varchar(255)
tool_version: varchar(255)
data_source: varchar(255)
◆ data_collection_date: timestamp(0)



A series of horizontal lines for text input, consisting of 10 lines.





feedback_flag: bool
tool_source: varchar
tool_version: varchar
data_source: varchar
data_collection_date: timestamp(0)

Augur Operations Schema

augur_operations.augur_settings

id: int8
setting: varchar
value: varchar
last_modified: timestamp(0)

augur_operations.working_commits

repos_id: int4
working_commit: varchar(40)

augur_operations.worker_settings_facade

id: int4
setting: varchar(32)
value: varchar
last_modified: timestamp(0)

augur_operations.worker_job

job_model: varchar(255)
state: int4
zombie_head: int4
since_id_str: varchar(255)
description: varchar(255)
last_count: int4
last_run: timestamp(0)
analysis_state: int4
oauth_id: int4

augur_operations.repos_fetch_log

repos_id: int4
status: varchar(128)
date: timestamp(0)

augur_operations.worker_history

history_id: int8
repo_id: int8
worker: varchar(255)
job_model: varchar(255)
oauth_id: int4
timestamp: timestamp(0)
status: varchar(7)
total_results: int4

augur_operations.worker_oauth

oauth_id: int8
name: varchar(255)
consumer_key: varchar(255)
consumer_secret: varchar(255)
access_token: varchar(255)
access_token_secret: varchar(255)
repo_directory: varchar
platform: varchar

Commit Data Mart Tables

augur_data.dm_repo_weekly

repo_id: int8
email: varchar(128)
affiliation: varchar(128)
week: int2
year: int2
added: int8
removed: int8
whitespace: int8
files: int8
patches: int8
tool_source: varchar(255)
tool_version: varchar(255)
data_source: varchar(255)
data_collection_date: timestamp(0)

augur_data.dm_repo_monthly

repo_id: int8
email: varchar(128)
affiliation: varchar(128)
month: int2
year: int2
added: int8
removed: int8
whitespace: int8
files: int8
patches: int8
tool_source: varchar(255)
tool_version: varchar(255)
data_source: varchar(255)
data_collection_date: timestamp(0)

augur_data.dm_repo_annual

repo_id: int8
email: varchar(128)
affiliation: varchar(128)
year: int2
added: int8
removed: int8
whitespace: int8
files: int8
patches: int8
tool_source: varchar(255)
tool_version: varchar(255)
data_source: varchar(255)
data_collection_date: timestamp(0)

augur_data.dm_repo_group_weekly

repo_group_id: int8
email: varchar(128)
affiliation: varchar(128)
week: int2
year: int2
added: int8
removed: int8
whitespace: int8
files: int8
patches: int8
tool_source: varchar(255)
tool_version: varchar(255)
data_source: varchar(255)
data_collection_date: timestamp(0)


augur_data.dm_repo_group_monthly


repo_group_id: int8
email: varchar(128)
affiliation: varchar(128)
month: int2
year: int2
added: int8
removed: int8
whitespace: int8
files: int8
patches: int8
tool_source: varchar(255)
tool_version: varchar(255)
data_source: varchar(255)
data_collection_date: timestamp(0)


augur_data.dm_repo_group_annual


repo_group_id: int8
email: varchar(128)
affiliation: varchar(128)
year: int2
added: int8
removed: int8
whitespace: int8
files: int8
patches: int8
tool_source: varchar(255)
tool_version: varchar(255)
data_source: varchar(255)
data_collection_date: timestamp(0)



Facade Worker Operational Tables


augur_data.exclude	
	id: int4
	projects_id: int4
	email: varchar(128)
	domain: varchar(128)



augur_data.settings	
	id: int4
	setting: varchar(32)
	value: varchar
	last_modified: timestamp(0)

augur_data.utility_log	
	id: int8
	level: varchar(8)
	status: varchar
	attempted: timestamp(0)

augur_data.contributor_affiliations	
	ca_id: int8
	ca_domain: varchar(64)
	ca_start_date: date
	tool_source: varchar(255)
	tool_version: varchar(255)
	data_source: varchar(255)
	data_collection_date: timestamp(0)
	ca_last_used: timestamp(0)
	ca_affiliation: varchar
	ca_active: int2

augur_data.repos_fetch_log	
	repos_id: int4
	status: varchar(128)
	date: timestamp(0)

augur_data.analysis_log	
	repos_id: int4
	status: varchar
	date_attempted: timestamp(0)

augur_data.unknown_cache	
	type: varchar(10)
	repo_group_id: int4
	email: varchar(128)
	domain: varchar(128)
	added: int8
	tool_source: varchar(255)
	tool_version: varchar(255)
	data_source: varchar(255)
	data_collection_date: timestamp(0)

augur_data.working_commits	
	repos_id: int4
	working_commit: varchar(40)

data_collection_date: timestamp(0)

data_collection_date: timestamp(0)

