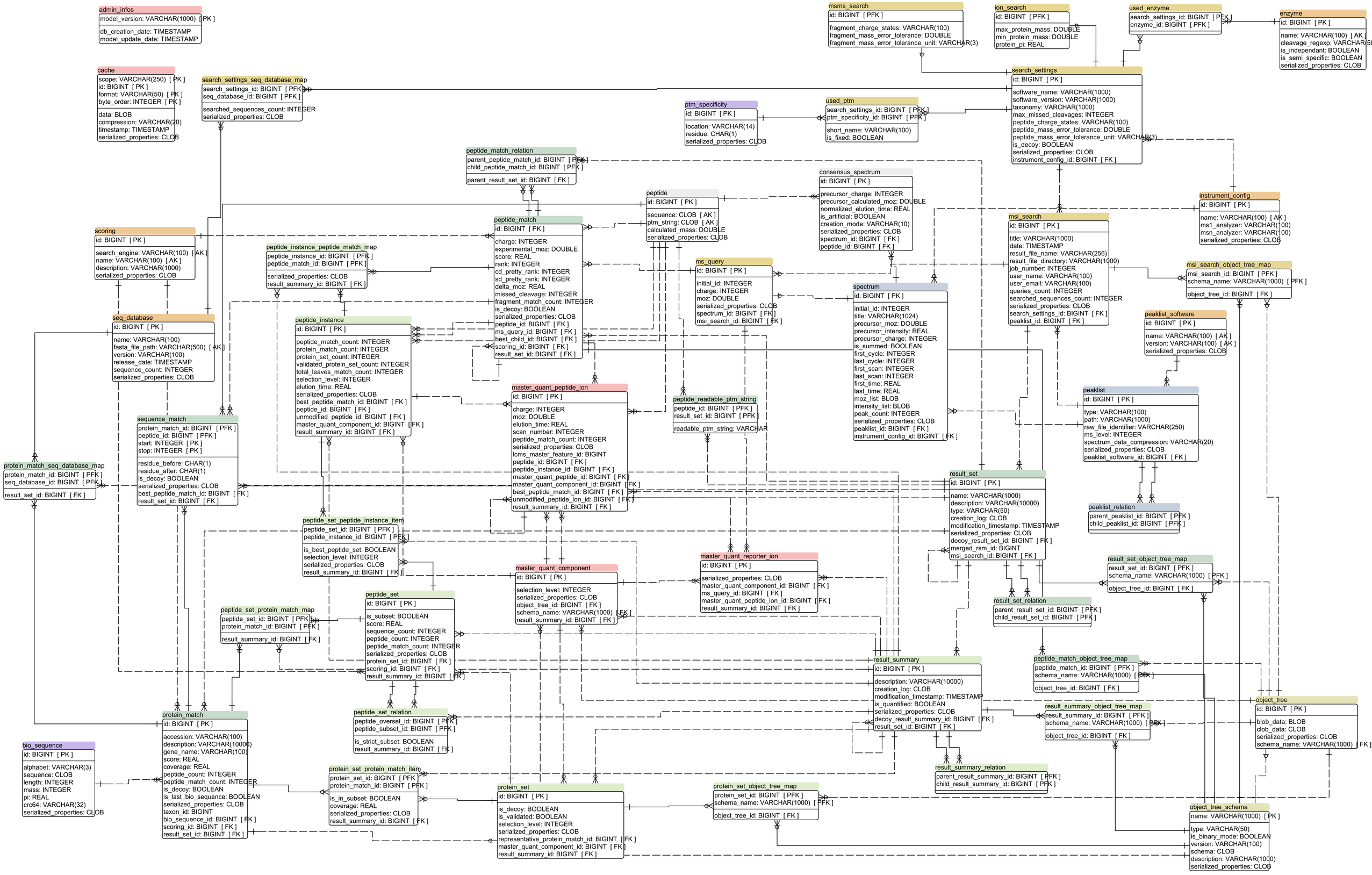
admin_infos
model_version: VARCHAR(1000) [PK]
db_creation_date: TIMESTAMP
model_update_date: TIMESTAMP
cache
scope: VARCHAR(250) [PK]
id: BIGINT [PK]
format: VARCHAR(50) [PK]
byte_order: INTEGER [PK]
data: BLOB
compression: VARCHAR(20)
timestamp: TIMESTAMP
serialized_properties: CLOB
search_settings_seq_database_map
search_settings_id: BIGINT [PFK]
seq_database_id: BIGINT [PFK]
searched_sequences_count: INTEGER
serialized_properties: CLOB
msms_search
id: BIGINT [PFK]
fragment_charge_states: VARCHAR(100)
fragment_mass_error_tolerance: DOUBLE
fragment_mass_error_tolerance_unit: VARCHAR(3)
ion_search
id: BIGINT [PFK]
max_protein_mass: DOUBLE
min_protein_mass: DOUBLE
protein_pi: REAL
used_enzyme
search_settings_id: BIGINT [PFK]
enzyme_id: BIGINT [PFK]
enzyme
id: BIGINT [PK]
name: VARCHAR(100) [AK]
cleavage_regexp: VARCHAR(50)
is_independant: BOOLEAN
is_semi_specific: BOOLEAN
serialized_properties: CLOB
search_settings
id: BIGINT [PK]
software_name: VARCHAR(1000)
software_version: VARCHAR(1000)
taxonomy: VARCHAR(1000)
max_missed_cleavages: INTEGER
peptide_charge_states: VARCHAR(100)
peptide_mass_error_tolerance: DOUBLE
peptide_mass_error_tolerance_unit: VARCHAR(3)
is_decoy: BOOLEAN
serialized_properties: CLOB
instrument_config_id: BIGINT [FK]
ptm_specificity
id: BIGINT [PK]
location: VARCHAR(14)
residue: CHAR(1)
serialized_properties: CLOB
used_ptm
search_settings_id: BIGINT [PFK]
ptm_specificity_id: BIGINT [PFK]
short_name: VARCHAR(100)
is_fixed: BOOLEAN
peptide_match_relation
parent_peptide_match_id: BIGINT [PFK]
child_peptide_match_id: BIGINT [PFK]
parent_result_set_id: BIGINT [FK]
consensus_spectrum
id: BIGINT [PK]
precursor_charge: INTEGER
precursor_calculated_moz: DOUBLE
normalized_elution_time: REAL
is_artificial: BOOLEAN
creation_mode: VARCHAR(10)
serialized_properties: CLOB
spectrum_id: BIGINT [FK]
peptide_id: BIGINT [FK]
instrument_config
id: BIGINT [PK]
name: VARCHAR(100) [AK]
ms1_analyzer: VARCHAR(100)
msn_analyzer: VARCHAR(100)
serialized_properties: CLOB
peptide
id: BIGINT [PK]
sequence: CLOB [AK]
ptm_string: CLOB [AK]
calculated_mass: DOUBLE
serialized_properties: CLOB
msi_search
id: BIGINT [PK]
title: VARCHAR(1000)
date: TIMESTAMP
result_file_name: VARCHAR(256)
result_file_directory: VARCHAR(1000)
job_number: INTEGER
user_name: VARCHAR(100)
user_email: VARCHAR(100)
queries_count: INTEGER
searched_sequences_count: INTEGER
serialized_properties: CLOB
search_settings_id: BIGINT [FK]
peaklist_id: BIGINT [FK]
scoring
id: BIGINT [PK]
search_engine: VARCHAR(100) [AK]
name: VARCHAR(100) [AK]
description: VARCHAR(1000)
serialized_properties: CLOB
peptide_instance_peptide_match_map
peptide_instance_id: BIGINT [PFK]
peptide_match_id: BIGINT [PFK]
serialized_properties: CLOB
result_summary_id: BIGINT [FK]
peptide_match
id: BIGINT [PK]
charge: INTEGER
experimental_moz: DOUBLE
score: REAL
rank: INTEGER
cd_pretty_rank: INTEGER
sd_pretty_rank: INTEGER
delta_moz: REAL
missed_cleavage: INTEGER
fragment_match_count: INTEGER
is_decoy: BOOLEAN
serialized_properties: CLOB
peptide_id: BIGINT [FK]
ms_query_id: BIGINT [FK]
best_child_id: BIGINT [FK]
scoring_id: BIGINT [FK]
result_set_id: BIGINT [FK]
ms_query
id: BIGINT [PK]
initial_id: INTEGER
charge: INTEGER
moz: DOUBLE
serialized_properties: CLOB
spectrum_id: BIGINT [FK]
msi_search_id: BIGINT [FK]
spectrum
id: BIGINT [PK]
initial_id: INTEGER
title: VARCHAR(1024)
precursor_moz: DOUBLE
precursor_intensity: REAL
precursor_charge: INTEGER
is_summed: BOOLEAN
first_cycle: INTEGER
last_cycle: INTEGER
first_scan: INTEGER
last_scan: INTEGER
first_time: REAL
last_time: REAL
moz_list: BLOB
intensity_list: BLOB
peak_count: INTEGER
serialized_properties: CLOB
peaklist_id: BIGINT [FK]
instrument_config_id: BIGINT [FK]
msi_search_object_tree_map
msi_search_id: BIGINT [PFK]
schema_name: VARCHAR(1000) [PFK]
object_tree_id: BIGINT [FK]
peaklist_software
id: BIGINT [PK]
name: VARCHAR(100) [AK]
version: VARCHAR(100) [AK]
serialized_properties: CLOB
seq_database
id: BIGINT [PK]
name: VARCHAR(100)
fasta_file_path: VARCHAR(500) [AK]
version: VARCHAR(100)
release_date: TIMESTAMP
sequence_count: INTEGER
serialized_properties: CLOB
peptide_instance
id: BIGINT [PK]
peptide_match_count: INTEGER
protein_match_count: INTEGER
protein_set_count: INTEGER
validated_protein_set_count: INTEGER
total_leaves_match_count: INTEGER
selection_level: INTEGER
elution_time: REAL
serialized_properties: CLOB
best_peptide_match_id: BIGINT [FK]
peptide_id: BIGINT [FK]
unmodified_peptide_id: BIGINT [FK]
master_quant_component_id: BIGINT [FK]
result_summary_id: BIGINT [FK]
master_quant_peptide_ion
id: BIGINT [PK]
charge: INTEGER
moz: DOUBLE
elution_time: REAL
scan_number: INTEGER
peptide_match_count: INTEGER
serialized_properties: CLOB
lcms_master_feature_id: BIGINT
peptide_id: BIGINT [FK]
peptide_instance_id: BIGINT [FK]
master_quant_peptide_id: BIGINT [FK]
master_quant_component_id: BIGINT [FK]
best_peptide_match_id: BIGINT [FK]
unmodified_peptide_ion_id: BIGINT [FK]
result_summary_id: BIGINT [FK]
peptide_readable_ptm_string
peptide_id: BIGINT [PFK]
result_set_id: BIGINT [PFK]
readable_ptm_string: VARCHAR
peaklist
id: BIGINT [PK]
type: VARCHAR(100)
path: VARCHAR(1000)
raw_file_identifier: VARCHAR(250)
ms_level: INTEGER
spectrum_data_compression: VARCHAR(20)
serialized_properties: CLOB
peaklist_software_id: BIGINT [FK]
sequence_match
protein_match_id: BIGINT [PFK]
peptide_id: BIGINT [PFK]
start: INTEGER [PK]
stop: INTEGER [PK]
residue_before: CHAR(1)
residue_after: CHAR(1)
is_decoy: BOOLEAN
serialized_properties: CLOB
best_peptide_match_id: BIGINT [FK]
result_set_id: BIGINT [FK]
protein_match_seq_database_map
protein_match_id: BIGINT [PFK]
seq_database_id: BIGINT [PFK]
result_set_id: BIGINT [FK]
result_set
id: BIGINT [PK]
name: VARCHAR(1000)
description: VARCHAR(10000)
type: VARCHAR(50)
creation_log: CLOB
modification_timestamp: TIMESTAMP
serialized_properties: CLOB
decoy_result_set_id: BIGINT [FK]
merged_rsm_id: BIGINT
msi_search_id: BIGINT [FK]
peaklist_relation
parent_peaklist_id: BIGINT [PFK]
child_peaklist_id: BIGINT [PFK]
peptide_set_peptide_instance_item
peptide_set_id: BIGINT [PFK]
peptide_instance_id: BIGINT [PFK]
is_best_peptide_set: BOOLEAN
selection_level: INTEGER
serialized_properties: CLOB
result_summary_id: BIGINT [FK]
master_quant_component
id: BIGINT [PK]
selection_level: INTEGER
serialized_properties: CLOB
object_tree_id: BIGINT [FK]
schema_name: VARCHAR(1000) [FK]
result_summary_id: BIGINT [FK]
master_quant_reporter_ion
id: BIGINT [PK]
serialized_properties: CLOB
master_quant_component_id: BIGINT [FK]
ms_query_id: BIGINT [FK]
master_quant_peptide_ion_id: BIGINT [FK]
result_summary_id: BIGINT [FK]
result_set_object_tree_map
result_set_id: BIGINT [PFK]
schema_name: VARCHAR(1000) [PFK]
object_tree_id: BIGINT [FK]
result_set_relation
parent_result_set_id: BIGINT [PFK]
child_result_set_id: BIGINT [PFK]
peptide_set_protein_match_map
peptide_set_id: BIGINT [PFK]
protein_match_id: BIGINT [PFK]
result_summary_id: BIGINT [FK]
peptide_set
id: BIGINT [PK]
is_subset: BOOLEAN
score: REAL
sequence_count: INTEGER
peptide_count: INTEGER
peptide_match_count: INTEGER
serialized_properties: CLOB
protein_set_id: BIGINT [FK]
scoring_id: BIGINT [FK]
result_summary_id: BIGINT [FK]
result_summary
id: BIGINT [PK]
description: VARCHAR(10000)
creation_log: CLOB
modification_timestamp: TIMESTAMP
is_quantified: BOOLEAN
serialized_properties: CLOB
decoy_result_summary_id: BIGINT [FK]
result_set_id: BIGINT [FK]
peptide_match_object_tree_map
peptide_match_id: BIGINT [PFK]
schema_name: VARCHAR(1000) [PFK]
object_tree_id: BIGINT [FK]
object_tree
id: BIGINT [PK]
blob_data: BLOB
clob_data: CLOB
serialized_properties: CLOB
schema_name: VARCHAR(1000) [FK]
peptide_set_relation
peptide_overset_id: BIGINT [PFK]
peptide_subset_id: BIGINT [PFK]
is_strict_subset: BOOLEAN
result_summary_id: BIGINT [FK]
result_summary_object_tree_map
result_summary_id: BIGINT [PFK]
schema_name: VARCHAR(1000) [PFK]
object_tree_id: BIGINT [FK]
bio_sequence
id: BIGINT [PK]
alphabet: VARCHAR(3)
sequence: CLOB
length: INTEGER
mass: INTEGER
pi: REAL
crc64: VARCHAR(32)
serialized_properties: CLOB
protein_match
id: BIGINT [PK]
accession: VARCHAR(100)
description: VARCHAR(10000)
gene_name: VARCHAR(100)
score: REAL
coverage: REAL
peptide_count: INTEGER
peptide_match_count: INTEGER
is_decoy: BOOLEAN
is_last_bio_sequence: BOOLEAN
serialized_properties: CLOB
taxon_id: BIGINT
bio_sequence_id: BIGINT [FK]
scoring_id: BIGINT [FK]
result_set_id: BIGINT [FK]
protein_set_protein_match_item
protein_set_id: BIGINT [PFK]
protein_match_id: BIGINT [PFK]
is_in_subset: BOOLEAN
coverage: REAL
serialized_properties: CLOB
result_summary_id: BIGINT [FK]
protein_set
id: BIGINT [PK]
is_decoy: BOOLEAN
is_validated: BOOLEAN
selection_level: INTEGER
serialized_properties: CLOB
representative_protein_match_id: BIGINT [FK]
master_quant_component_id: BIGINT [FK]
result_summary_id: BIGINT [FK]
protein_set_object_tree_map
protein_set_id: BIGINT [PFK]
schema_name: VARCHAR(1000) [PFK]
object_tree_id: BIGINT [FK]
result_summary_relation
parent_result_summary_id: BIGINT [PFK]
child_result_summary_id: BIGINT [PFK]
object_tree_schema
name: VARCHAR(1000) [PK]
type: VARCHAR(50)
is_binary_mode: BOOLEAN
version: VARCHAR(100)
schema: CLOB
description: VARCHAR(1000)
serialized_properties: CLOB