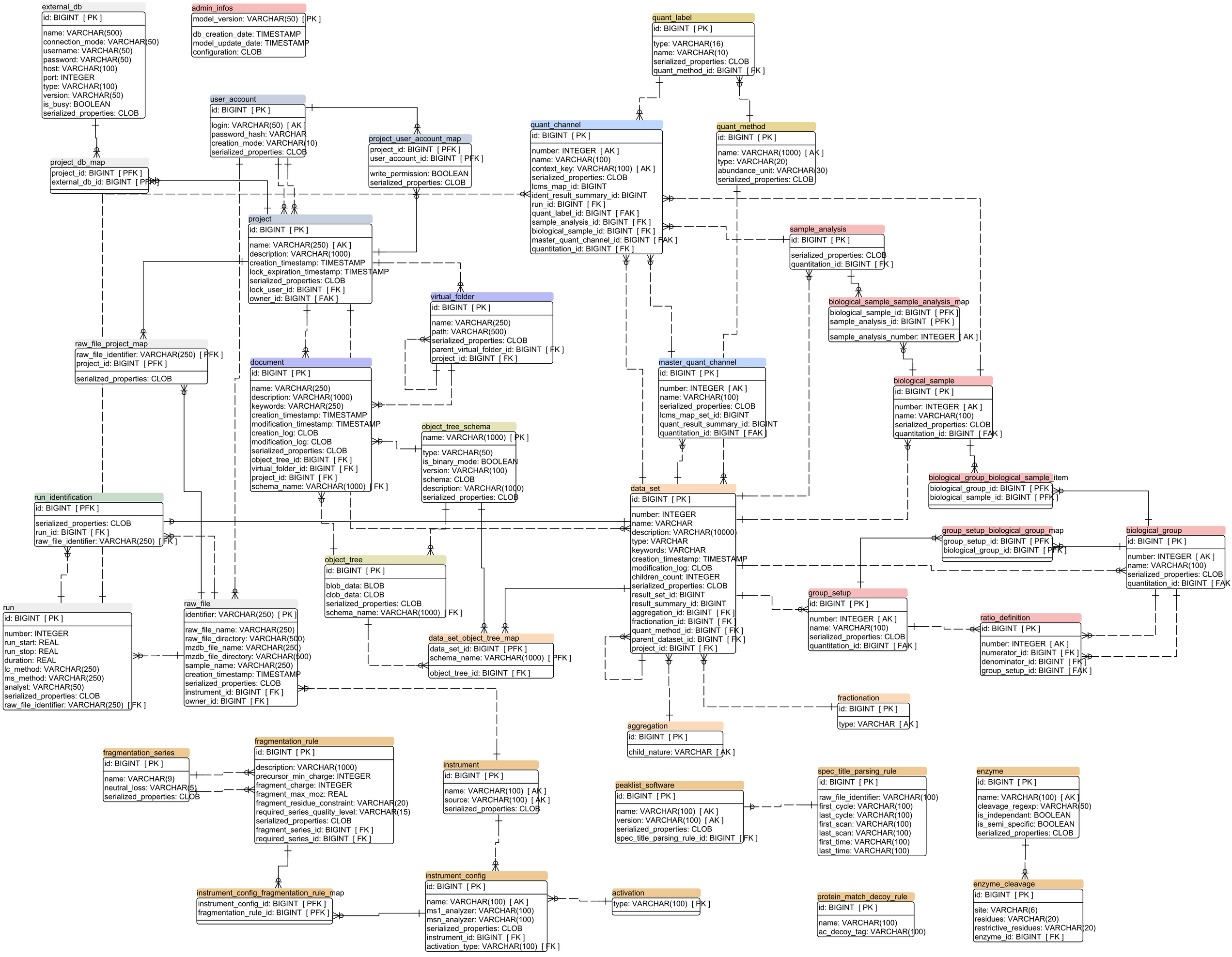
external_db
id: BIGINT [PK]
name: VARCHAR(500)
connection_mode: VARCHAR(50)
username: VARCHAR(50)
password: VARCHAR(50)
host: VARCHAR(100)
port: INTEGER
type: VARCHAR(100)
version: VARCHAR(50)
is_busy: BOOLEAN
serialized_properties: CLOB
admin_infos
model_version: VARCHAR(50) [PK]
db_creation_date: TIMESTAMP
model_update_date: TIMESTAMP
configuration: CLOB
quant_label
id: BIGINT [PK]
type: VARCHAR(16)
name: VARCHAR(10)
serialized_properties: CLOB
quant_method_id: BIGINT [FK]
user_account
id: BIGINT [PK]
login: VARCHAR(50) [AK]
password_hash: VARCHAR
creation_mode: VARCHAR(10)
serialized_properties: CLOB
project_user_account_map
project_id: BIGINT [PFK]
user_account_id: BIGINT [PFK]
write_permission: BOOLEAN
serialized_properties: CLOB
quant_channel
id: BIGINT [PK]
number: INTEGER [AK]
name: VARCHAR(100)
context_key: VARCHAR(100) [AK]
serialized_properties: CLOB
lcms_map_id: BIGINT
ident_result_summary_id: BIGINT
run_id: BIGINT [FK]
quant_label_id: BIGINT [FAK]
sample_analysis_id: BIGINT [FK]
biological_sample_id: BIGINT [FK]
master_quant_channel_id: BIGINT [FAK]
quantitation_id: BIGINT [FK]
quant_method
id: BIGINT [PK]
name: VARCHAR(1000) [AK]
type: VARCHAR(20)
abundance_unit: VARCHAR(30)
serialized_properties: CLOB
project_db_map
project_id: BIGINT [PFK]
external_db_id: BIGINT [PFK]
project
id: BIGINT [PK]
name: VARCHAR(250) [AK]
description: VARCHAR(1000)
creation_timestamp: TIMESTAMP
lock_expiration_timestamp: TIMESTAMP
serialized_properties: CLOB
lock_user_id: BIGINT [FK]
owner_id: BIGINT [FAK]
sample_analysis
id: BIGINT [PK]
serialized_properties: CLOB
quantitation_id: BIGINT [FK]
virtual_folder
id: BIGINT [PK]
name: VARCHAR(250)
path: VARCHAR(500)
serialized_properties: CLOB
parent_virtual_folder_id: BIGINT [FK]
project_id: BIGINT [FK]
biological_sample_sample_analysis_map
biological_sample_id: BIGINT [PFK]
sample_analysis_id: BIGINT [PFK]
sample_analysis_number: INTEGER [AK]
raw_file_project_map
raw_file_identifier: VARCHAR(250) [PFK]
project_id: BIGINT [PFK]
serialized_properties: CLOB
document
id: BIGINT [PK]
name: VARCHAR(250)
description: VARCHAR(1000)
keywords: VARCHAR(250)
creation_timestamp: TIMESTAMP
modification_timestamp: TIMESTAMP
creation_log: CLOB
modification_log: CLOB
serialized_properties: CLOB
object_tree_id: BIGINT [FK]
virtual_folder_id: BIGINT [FK]
project_id: BIGINT [FK]
schema_name: VARCHAR(1000) [FK]
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
master_quant_channel
id: BIGINT [PK]
number: INTEGER [AK]
name: VARCHAR(100)
serialized_properties: CLOB
lcms_map_set_id: BIGINT
quant_result_summary_id: BIGINT
quantitation_id: BIGINT [FAK]
biological_sample
id: BIGINT [PK]
number: INTEGER [AK]
name: VARCHAR(100)
serialized_properties: CLOB
quantitation_id: BIGINT [FAK]
biological_group_biological_sample_item
biological_group_id: BIGINT [PFK]
biological_sample_id: BIGINT [PFK]
run_identification
id: BIGINT [PFK]
serialized_properties: CLOB
run_id: BIGINT [FK]
raw_file_identifier: VARCHAR(250) [FK]
data_set
id: BIGINT [PK]
number: INTEGER
name: VARCHAR
description: VARCHAR(10000)
type: VARCHAR
keywords: VARCHAR
creation_timestamp: TIMESTAMP
modification_log: CLOB
children_count: INTEGER
serialized_properties: CLOB
result_set_id: BIGINT
result_summary_id: BIGINT
aggregation_id: BIGINT [FK]
fractionation_id: BIGINT [FK]
quant_method_id: BIGINT [FK]
parent_dataset_id: BIGINT [FK]
project_id: BIGINT [FK]
group_setup_biological_group_map
group_setup_id: BIGINT [PFK]
biological_group_id: BIGINT [PFK]
biological_group
id: BIGINT [PK]
number: INTEGER [AK]
name: VARCHAR(100)
serialized_properties: CLOB
quantitation_id: BIGINT [FAK]
object_tree
id: BIGINT [PK]
blob_data: BLOB
clob_data: CLOB
serialized_properties: CLOB
schema_name: VARCHAR(1000) [FK]
group_setup
id: BIGINT [PK]
number: INTEGER [AK]
name: VARCHAR(100)
serialized_properties: CLOB
quantitation_id: BIGINT [FAK]
ratio_definition
id: BIGINT [PK]
number: INTEGER [AK]
numerator_id: BIGINT [FK]
denominator_id: BIGINT [FK]
group_setup_id: BIGINT [FAK]
run
id: BIGINT [PK]
number: INTEGER
run_start: REAL
run_stop: REAL
duration: REAL
lc_method: VARCHAR(250)
ms_method: VARCHAR(250)
analyst: VARCHAR(50)
serialized_properties: CLOB
raw_file_identifier: VARCHAR(250) [FK]
raw_file
identifier: VARCHAR(250) [PK]
raw_file_name: VARCHAR(250)
raw_file_directory: VARCHAR(500)
mzdb_file_name: VARCHAR(250)
mzdb_file_directory: VARCHAR(500)
sample_name: VARCHAR(250)
creation_timestamp: TIMESTAMP
serialized_properties: CLOB
instrument_id: BIGINT [FK]
owner_id: BIGINT [FK]
data_set_object_tree_map
data_set_id: BIGINT [PFK]
schema_name: VARCHAR(1000) [PFK]
object_tree_id: BIGINT [FK]
fractionation
id: BIGINT [PK]
type: VARCHAR [AK]
aggregation
id: BIGINT [PK]
child_nature: VARCHAR [AK]
fragmentation_series
id: BIGINT [PK]
name: VARCHAR(9)
neutral_loss: VARCHAR(5)
serialized_properties: CLOB
fragmentation_rule
id: BIGINT [PK]
description: VARCHAR(1000)
precursor_min_charge: INTEGER
fragment_charge: INTEGER
fragment_max_moz: REAL
fragment_residue_constraint: VARCHAR(20)
required_series_quality_level: VARCHAR(15)
serialized_properties: CLOB
fragment_series_id: BIGINT [FK]
required_series_id: BIGINT [FK]
instrument
id: BIGINT [PK]
name: VARCHAR(100) [AK]
source: VARCHAR(100) [AK]
serialized_properties: CLOB
peaklist_software
id: BIGINT [PK]
name: VARCHAR(100) [AK]
version: VARCHAR(100) [AK]
serialized_properties: CLOB
spec_title_parsing_rule_id: BIGINT [FK]
spec_title_parsing_rule
id: BIGINT [PK]
raw_file_identifier: VARCHAR(100)
first_cycle: VARCHAR(100)
last_cycle: VARCHAR(100)
first_scan: VARCHAR(100)
last_scan: VARCHAR(100)
first_time: VARCHAR(100)
last_time: VARCHAR(100)
enzyme
id: BIGINT [PK]
name: VARCHAR(100) [AK]
cleavage_regexp: VARCHAR(50)
is_independant: BOOLEAN
is_semi_specific: BOOLEAN
serialized_properties: CLOB
instrument_config_fragmentation_rule_map
instrument_config_id: BIGINT [PFK]
fragmentation_rule_id: BIGINT [PFK]
instrument_config
id: BIGINT [PK]
name: VARCHAR(100) [AK]
ms1_analyzer: VARCHAR(100)
msn_analyzer: VARCHAR(100)
serialized_properties: CLOB
instrument_id: BIGINT [FK]
activation_type: VARCHAR(100) [FK]
activation
type: VARCHAR(100) [FK]
protein_match_decoy_rule
id: BIGINT [PK]
name: VARCHAR(100)
ac_decoy_tag: VARCHAR(100)
enzyme_cleavage
id: BIGINT [PK]
site: VARCHAR(6)
residues: VARCHAR(20)
restrictive_residues: VARCHAR(20)
enzyme_id: BIGINT [FK]