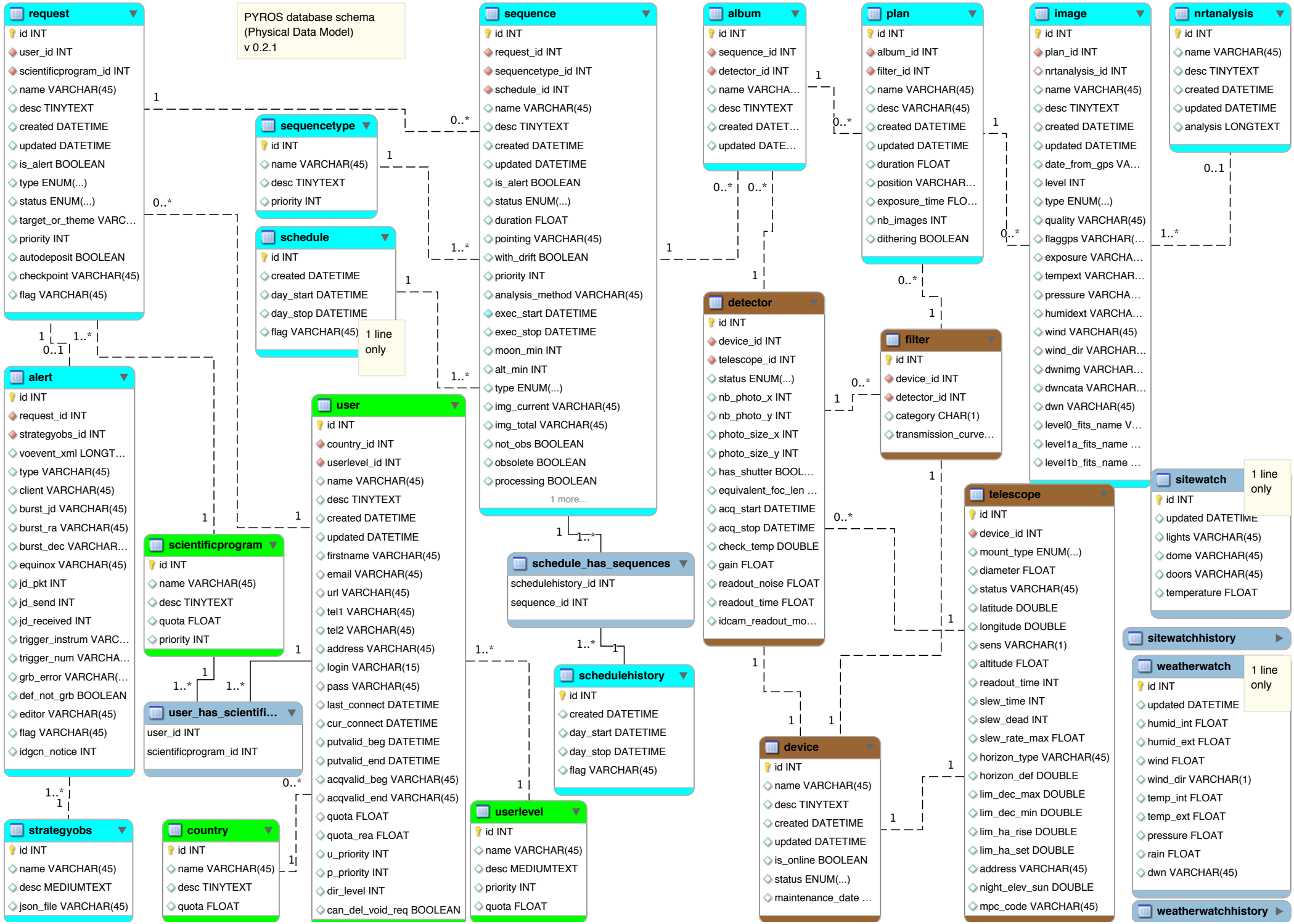
PYROS database schema
(Physical Data Model)
v 0.2.1
request
id INT
user_id INT
scientificprogram_id INT
name VARCHAR(45)
desc TINYTEXT
created DATETIME
updated DATETIME
is_alert BOOLEAN
type ENUM(...)
status ENUM(...)
target_or_theme VARC…
priority INT
autodeposit BOOLEAN
checkpoint VARCHAR(45)
flag VARCHAR(45)
sequencetype
id INT
name VARCHAR(45)
desc TINYTEXT
priority INT
schedule
id INT
created DATETIME
day_start DATETIME
day_stop DATETIME
flag VARCHAR(45)
1 line only
sequence
id INT
request_id INT
sequencetype_id INT
schedule_id INT
name VARCHAR(45)
desc TINYTEXT
created DATETIME
updated DATETIME
is_alert BOOLEAN
status ENUM(...)
duration FLOAT
pointing VARCHAR(45)
with_drift BOOLEAN
priority INT
analysis_method VARCHAR(45)
exec_start DATETIME
exec_stop DATETIME
moon_min INT
alt_min INT
type ENUM(...)
img_current VARCHAR(45)
img_total VARCHAR(45)
not_obs BOOLEAN
obsolete BOOLEAN
processing BOOLEAN
1 more...
album
id INT
sequence_id INT
detector_id INT
name VARCHA…
desc TINYTEXT
created DATET…
updated DATE…
plan
id INT
album_id INT
filter_id INT
name VARCHAR(45)
desc VARCHAR(45)
created DATETIME
updated DATETIME
duration FLOAT
position VARCHAR…
exposure_time FLO…
nb_images INT
dithering BOOLEAN
image
id INT
plan_id INT
nrtanalysis_id INT
name VARCHAR(45)
desc TINYTEXT
created DATETIME
updated DATETIME
date_from_gps VA…
level INT
type ENUM(...)
quality VARCHAR(45)
flaggps VARCHAR(…
exposure VARCHA…
tempext VARCHAR…
pressure VARCHA…
humidext VARCHA…
wind VARCHAR(45)
wind_dir VARCHAR…
dwnimg VARCHAR…
dwncata VARCHAR…
dwn VARCHAR(45)
level0_fits_name V…
level1a_fits_name …
level1b_fits_name …
nrtanalysis
id INT
name VARCHAR(45)
desc TINYTEXT
created DATETIME
updated DATETIME
analysis LONGTEXT
alert
id INT
request_id INT
strategyobs_id INT
voevent_xml LONGT…
type VARCHAR(45)
client VARCHAR(45)
burst_jd VARCHAR(45)
burst_ra VARCHAR(45)
burst_dec VARCHAR…
equinox VARCHAR(45)
jd_pkt INT
jd_send INT
jd_received INT
trigger_instrum VARC…
trigger_num VARCHA…
grb_error VARCHAR(…
def_not_grb BOOLEAN
editor VARCHAR(45)
flag VARCHAR(45)
idgcn_notice INT
user
id INT
country_id INT
userlevel_id INT
name VARCHAR(45)
desc TINYTEXT
created DATETIME
updated DATETIME
firstname VARCHAR(45)
email VARCHAR(45)
url VARCHAR(45)
tel1 VARCHAR(45)
tel2 VARCHAR(45)
address VARCHAR(45)
login VARCHAR(15)
pass VARCHAR(45)
last_connect DATETIME
cur_connect DATETIME
putvalid_beg DATETIME
putvalid_end DATETIME
acqvalid_beg VARCHAR(45)
acqvalid_end VARCHAR(45)
quota FLOAT
quota_rea FLOAT
u_priority INT
p_priority INT
dir_level INT
can_del_void_req BOOLEAN
detector
id INT
device_id INT
telescope_id INT
status ENUM(...)
nb_photo_x INT
nb_photo_y INT
photo_size_x INT
photo_size_y INT
has_shutter BOOL…
equivalent_foc_len …
acq_start DATETIME
acq_stop DATETIME
check_temp DOUBLE
gain FLOAT
readout_noise FLOAT
readout_time FLOAT
idcam_readout_mo…
filter
id INT
device_id INT
detector_id INT
category CHAR(1)
transmission_curve…
telescope
id INT
device_id INT
mount_type ENUM(...)
diameter FLOAT
status VARCHAR(45)
latitude DOUBLE
longitude DOUBLE
sens VARCHAR(1)
altitude FLOAT
readout_time INT
slew_time INT
slew_dead INT
slew_rate_max FLOAT
horizon_type VARCHAR(45)
horizon_def DOUBLE
lim_dec_max DOUBLE
lim_dec_min DOUBLE
lim_ha_rise DOUBLE
lim_ha_set DOUBLE
address VARCHAR(45)
night_elev_sun DOUBLE
mpc_code VARCHAR(45)
sitewatch
id INT
updated DATETIME
lights VARCHAR(45)
dome VARCHAR(45)
doors VARCHAR(45)
temperature FLOAT
1 line only
sitewatchhistory
weatherwatch
id INT
updated DATETIME
humid_int FLOAT
humid_ext FLOAT
wind FLOAT
wind_dir VARCHAR(1)
temp_int FLOAT
temp_ext FLOAT
pressure FLOAT
rain FLOAT
dwn VARCHAR(45)
1 line only
weatherwatchhistory
scientificprogram
id INT
name VARCHAR(45)
desc TINYTEXT
quota FLOAT
priority INT
user_has_scientifi…
user_id INT
scientificprogram_id INT
schedule_has_sequences
schedulehistory_id INT
sequence_id INT
schedulehistory
id INT
created DATETIME
day_start DATETIME
day_stop DATETIME
flag VARCHAR(45)
strategyobs
id INT
name VARCHAR(45)
desc MEDIUMTEXT
json_file VARCHAR(45)
country
id INT
name VARCHAR(45)
desc TINYTEXT
quota FLOAT
userlevel
id INT
name VARCHAR(45)
desc MEDIUMTEXT
priority INT
quota FLOAT
device
id INT
name VARCHAR(45)
desc TINYTEXT
created DATETIME
updated DATETIME
is_online BOOLEAN
status ENUM(...)
maintenance_date …