rh_room_types [table]

id	INTEGER NOT NULL
name	TEXT

rh_homes [table]

id	INTEGER NOT NULL
name	TEXT

rh_rooms [table]

id	INTEGER NOT NULL
home_id	INTEGER
name	TEXT
room_type_id	INTEGER

rh_home_sessions [table]

id	INTEGER NOT NULL
home_id	INTEGER
name	TEXT

rh_sensor_types [table]

id	INTEGER NOT NULL
name	TEXT

rh_sensors [table]

id	INTEGER NOT NULL
sensor_type_id	INTEGER
name	TEXT

rh_object_types [table]

id	INTEGER NOT NULL
name	TEXT

rh_objects [table]

id	INTEGER NOT NULL
room_id	INTEGER
home_id	INTEGER
home_session_id	INTEGER
home_subsession_id	INTEGER
name	TEXT
object_type_id	INTEGER
planarity	REAL
scatter	REAL
linearity	REAL
min_height	REAL
max_height	REAL
centroid_x	REAL
centroid_y	REAL
centroid_z	REAL
volume	REAL
biggest_area	REAL
orientation	REAL
hue_mean	REAL
saturation_mean	REAL
value_mean	REAL
hue_stdv	REAL
saturation_stdv	REAL
value_stdv	REAL
hue_histogram_0	REAL
hue_histogram_1	REAL
hue_histogram_2	REAL
hue_histogram_3	REAL
hue_histogram_4	REAL
value_histogram_0	REAL
value_histogram_1	REAL
value_histogram_2	REAL
value_histogram_3	REAL
value_histogram_4	REAL
saturation_histogram_0	REAL
saturation_histogram_1	REAL
saturation_histogram_2	REAL
saturation_histogram_3	REAL
saturation_histogram_4	REAL

rh_bvodgeomap [table]

id	INTEGER NOT NULL
home_id	INTEGER
room_id	INTEGER
x	REAL
y	REAL
z	REAL

rh_hometopo [table]

id	INTEGER NOT NULL
home_id	INTEGER
room1_id	INTEGER
room2_id	INTEGER

rh_tblscene [table]

id	INTEGER NOT NULL
room_id	INTEGER
home_session_id	INTEGER
home_subsession_id	INTEGER
home_id	INTEGER
scene_file	TEXT

rh_rotracene [table]

id	INTEGER NOT NULL
room_id	INTEGER
home_session_id	INTEGER
home_subsession_id	INTEGER
home_id	INTEGER
scene_file	TEXT

rh_obsservations [table]

id	INTEGER NOT NULL
room_id	INTEGER
home_id	INTEGER
home_session_id	INTEGER
home_subsession_id	INTEGER
sensor_id	INTEGER
mean_hue	REAL
mean_saturation	REAL
mean_value	REAL
hue_stdv	REAL
saturation_stdv	REAL
value_stdv	REAL
hue_histogram_1	REAL
hue_histogram_2	REAL
hue_histogram_3	REAL
hue_histogram_4	REAL
hue_histogram_5	REAL
saturation_histogram_1	REAL
saturation_histogram_2	REAL
saturation_histogram_3	REAL
saturation_histogram_4	REAL
saturation_histogram_5	REAL
value_histogram_1	REAL
value_histogram_2	REAL
value_histogram_3	REAL
value_histogram_4	REAL
value_histogram_5	REAL
floor_area	REAL
volume	REAL
mean_mean_hue	REAL
mean_mean_saturation	REAL
mean_mean_value	REAL
mean_hue_stdv	REAL
mean_saturation_stdv	REAL
mean_value_stdv	REAL
mean_hue_histogram_1	REAL
mean_hue_histogram_2	REAL
mean_hue_histogram_3	REAL
mean_hue_histogram_4	REAL
mean_hue_histogram_5	REAL
mean_saturation_histogram_1	REAL
mean_saturation_histogram_2	REAL
mean_saturation_histogram_3	REAL
mean_saturation_histogram_4	REAL
mean_saturation_histogram_5	REAL
mean_value_histogram_1	REAL
mean_value_histogram_2	REAL
mean_value_histogram_3	REAL
mean_value_histogram_4	REAL
mean_value_histogram_5	REAL
mean_distance	REAL
mean_bvol_print	REAL
mean_volume	REAL
scan_area	REAL
scan_elongation	REAL
scan_mean_distance	REAL
scan_distance_stdv	REAL
scan_num_of_points	INTEGER
scan_compactness	REAL
scan_compactness2	REAL
scan_linearity	REAL
scan_scatter	REAL

rh_tblrgbd [table]

id	INTEGER NOT NULL
room_id	INTEGER
home_session_id	INTEGER
home_subsession_id	INTEGER
home_id	INTEGER
name	TEXT
sensor_id	INTEGER
sensor_pose_x	REAL
sensor_pose_y	REAL
sensor_pose_z	REAL
sensor_pose_yaw	REAL
sensor_pose_pitch	REAL
sensor_pose_roll	REAL
laser_aperture	REAL
laser_max_range	REAL
laser_num_of_scans	INTEGER
time_stamp	INTEGER
sensor_type	INTEGER
sensor_file_1	TEXT
sensor_file_2	TEXT
sensor_file_3	TEXT
files_path	TEXT

rh_rgbd [table]

id	INTEGER NOT NULL
room_id	INTEGER
home_session_id	INTEGER
home_subsession_id	INTEGER
home_id	INTEGER
name	TEXT
sensor_id	INTEGER
sensor_pose_x	REAL
sensor_pose_y	REAL
sensor_pose_z	REAL
sensor_pose_yaw	REAL
sensor_pose_pitch	REAL
sensor_pose_roll	REAL
laser_aperture	REAL
laser_max_range	REAL
laser_num_of_scans	INTEGER
time_stamp	INTEGER
sensor_type	INTEGER
sensor_file_1	TEXT
sensor_file_2	TEXT
sensor_file_3	TEXT
files_path	TEXT

rh_lbrscan [table]

id	INTEGER NOT NULL
room_id	INTEGER
home_session_id	INTEGER
home_subsession_id	INTEGER
home_id	INTEGER
name	TEXT
sensor_id	INTEGER
sensor_pose_x	REAL
sensor_pose_y	REAL
sensor_pose_z	REAL
sensor_pose_yaw	REAL
sensor_pose_pitch	REAL
sensor_pose_roll	REAL
laser_aperture	REAL
laser_max_range	REAL
laser_num_of_scans	INTEGER
time_stamp	INTEGER
sensor_type	INTEGER
sensor_file_1	TEXT
sensor_file_2	TEXT
sensor_file_3	TEXT
files_path	TEXT

rh_raw [table]

id	INTEGER NOT NULL
room_id	INTEGER
home_session_id	INTEGER
home_subsession_id	INTEGER
home_id	INTEGER
name	TEXT
sensor_id	INTEGER
sensor_pose_x	REAL
sensor_pose_y	REAL
sensor_pose_z	REAL
sensor_pose_yaw	REAL
sensor_pose_pitch	REAL
sensor_pose_roll	REAL
laser_aperture	REAL
laser_max_range	REAL
laser_num_of_scans	INTEGER
time_stamp	INTEGER
sensor_type	INTEGER
sensor_file_1	TEXT
sensor_file_2	TEXT
sensor_file_3	TEXT
files_path	TEXT

rh_relations [table]

id	INTEGER NOT NULL
room_id	INTEGER
home_id	INTEGER
home_session_id	INTEGER
home_subsession_id	INTEGER
obj1_id	INTEGER
obj2_id	INTEGER
minimum_distance	REAL
perpendicularity	REAL
vertical_distance	REAL
volume_ratio	REAL
is_on	INTEGER
abs_hue_stdv_diff	REAL
abs_saturation_stdv_diff	REAL
abs_value_stdv_diff	REAL
abs_hue_mean_diff	REAL
abs_saturation_mean_diff	REAL
abs_value_mean_diff	REAL

rh_tblscene_bbscene [table]

id	INTEGER NOT NULL
local_id	INTEGER
room_id	INTEGER
object_id	INTEGER
object_name	TEXT
bb_pose_x	REAL
bb_pose_y	REAL
bb_pose_z	REAL
bb_pose_yaw	REAL
bb_pose_pitch	REAL
bb_pose_roll	REAL
bb_corner1_x	REAL
bb_corner1_y	REAL
bb_corner1_z	REAL
bb_corner2_x	REAL
bb_corner2_y	REAL
bb_corner2_z	REAL

rh_tblrgbd_labels [table]

id	INTEGER NOT NULL
local_id	INTEGER
name	TEXT
sensor_observation_id	INTEGER
object_type_id	INTEGER

rh_objects_in_observation [table]

id	INTEGER NOT NULL
observation_id	INTEGER
object_id	INTEGER

rh_lbrscan_scans [table]

id	INTEGER NOT NULL
shot_id	INTEGER
scan	REAL
valid_scan	INTEGER
sensor_observation_id	INTEGER

rh_raw_scans [table]

id	INTEGER NOT NULL
shot_id	INTEGER
scan	REAL
valid_scan	INTEGER
sensor_observation_id	INTEGER

rh2_sensor_observations [view]

id	INTEGER
room_id	INTEGER
home_session_id	INTEGER
home_subsession_id	INTEGER
home_id	INTEGER
name	TEXT
sensor_id	INTEGER
sensor_pose_x	REAL
sensor_pose_y	REAL
sensor_pose_z	REAL
sensor_pose_yaw	REAL
sensor_pose_pitch	REAL
sensor_pose_roll	REAL
laser_aperture	REAL
laser_max_range	REAL
laser_num_of_scans	INTEGER
time_stamp	INTEGER
sensor_type	INTEGER
sensor_file_1	TEXT
sensor_file_2	TEXT
sensor_file_3	TEXT
files_path	TEXT

rh2_scene_bb_objects [view]

id	INTEGER
local_id	INTEGER
scene_id	INTEGER
object_id	INTEGER
object_name	TEXT
bb_pose_x	REAL
bb_pose_y	REAL
bb_pose_z	REAL
bb_pose_yaw	REAL
bb_pose_pitch	REAL
bb_pose_roll	REAL
bb_corner1_x	REAL
bb_corner1_y	REAL
bb_corner1_z	REAL
bb_corner2_x	REAL
bb_corner2_y	REAL
bb_corner2_z	REAL
"id:1"	INTEGER
room_id	INTEGER
home_id	INTEGER
home_session_id	INTEGER
home_subsession_id	INTEGER
name	TEXT
object_type_id	INTEGER
planarity	REAL
scatter	REAL
linearity	REAL
min_height	REAL
max_height	REAL
centroid_x	REAL
centroid_y	REAL
centroid_z	REAL
volume	REAL
biggest_area	REAL
orientation	REAL
hue_mean	REAL
saturation_mean	REAL
value_mean	REAL
hue_stdv	REAL
saturation_stdv	REAL
value_stdv	REAL
hue_histogram_0	REAL
hue_histogram_1	REAL
hue_histogram_2	REAL
hue_histogram_3	REAL
hue_histogram_4	REAL
value_histogram_0	REAL
value_histogram_1	REAL
value_histogram_2	REAL
value_histogram_3	REAL
value_histogram_4	REAL
saturation_histogram_0	REAL
saturation_histogram_1	REAL
saturation_histogram_2	REAL
saturation_histogram_3	REAL
saturation_histogram_4	REAL

rh2_raw_not_in_lbrscan [view]

time_stamp	INTEGER
home_session_id	INTEGER
home_subsession_id	INTEGER
home_id	INTEGER
room_id	INTEGER
sensor_id	INTEGER

rh2_raw_not_in_tblrgbd [view]

time_stamp	INTEGER
home_session_id	INTEGER
home_subsession_id	INTEGER
home_id	INTEGER
room_id	INTEGER
sensor_id	INTEGER

rh2_oldtonew_scene_files [table]

id	INT
old_file	TEXT
new_path	
new_file	TEXT

rh2_oldtonew_rgbd_files [table]

id	INT
old_path	TEXT
old_file_1	TEXT
old_file_2	TEXT
old_file_3	TEXT
new_path	
new_file_1	TEXT
new_file_2	TEXT
new_file_3	TEXT

Robot@Home2 Schema Diagram
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