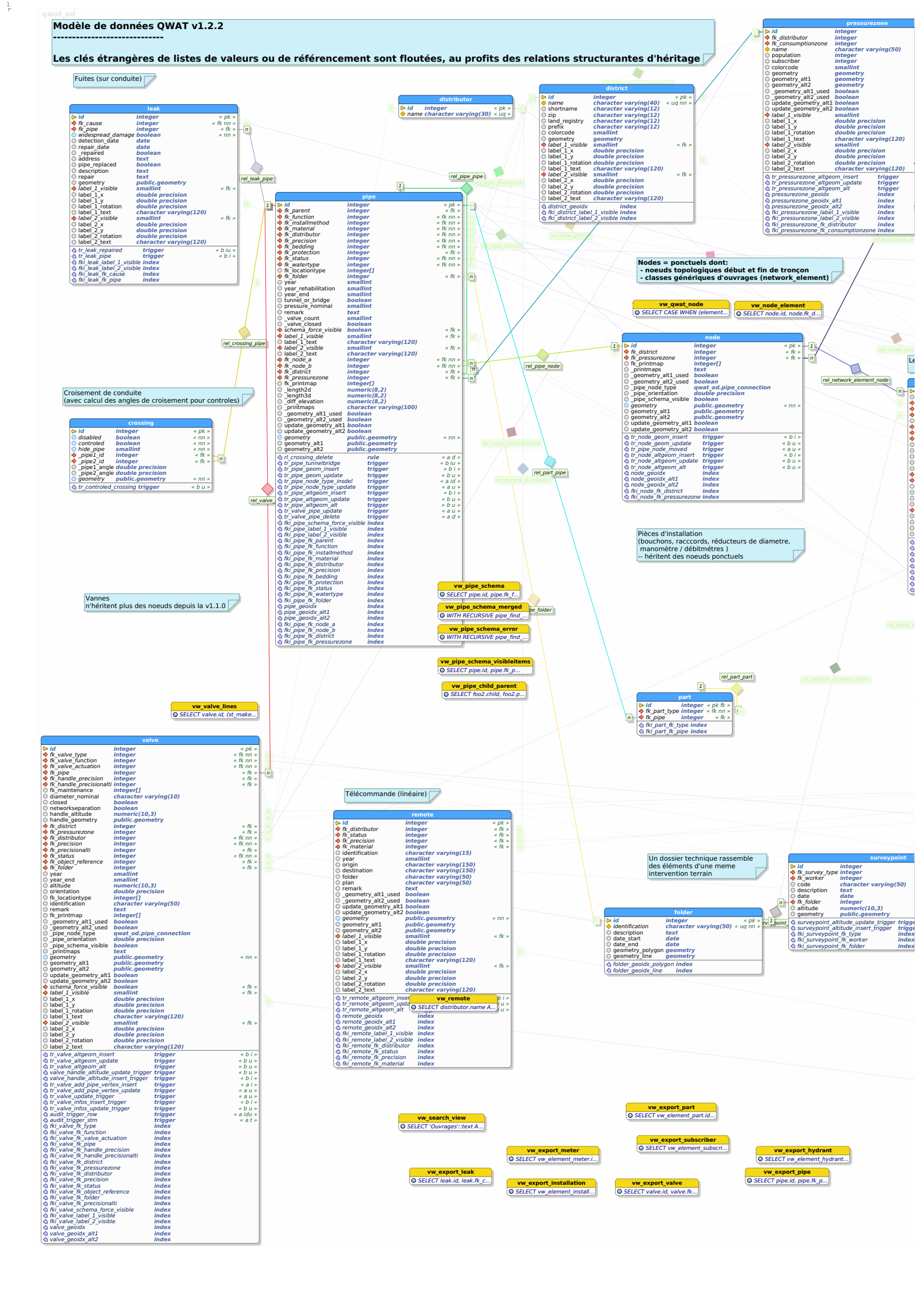
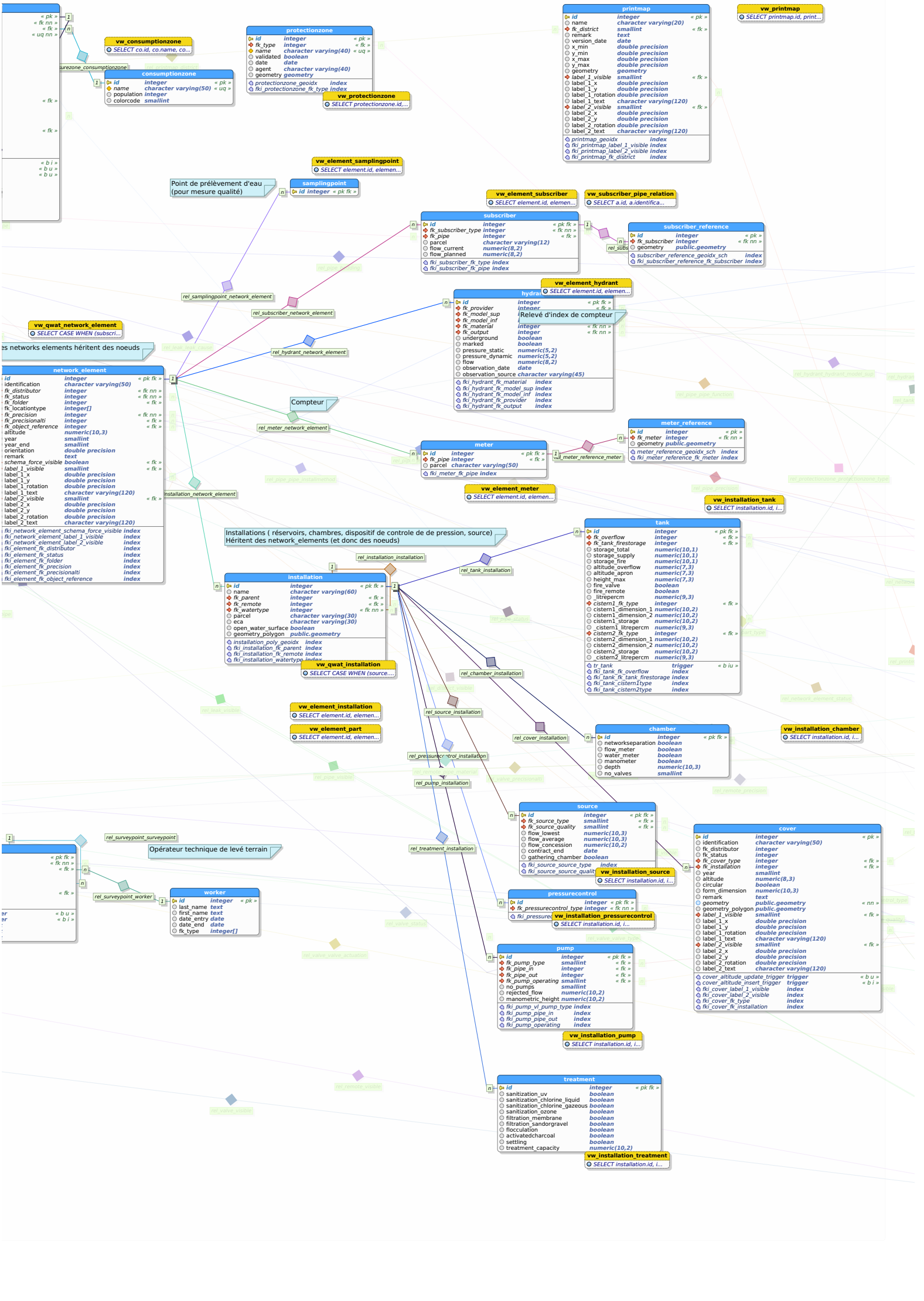
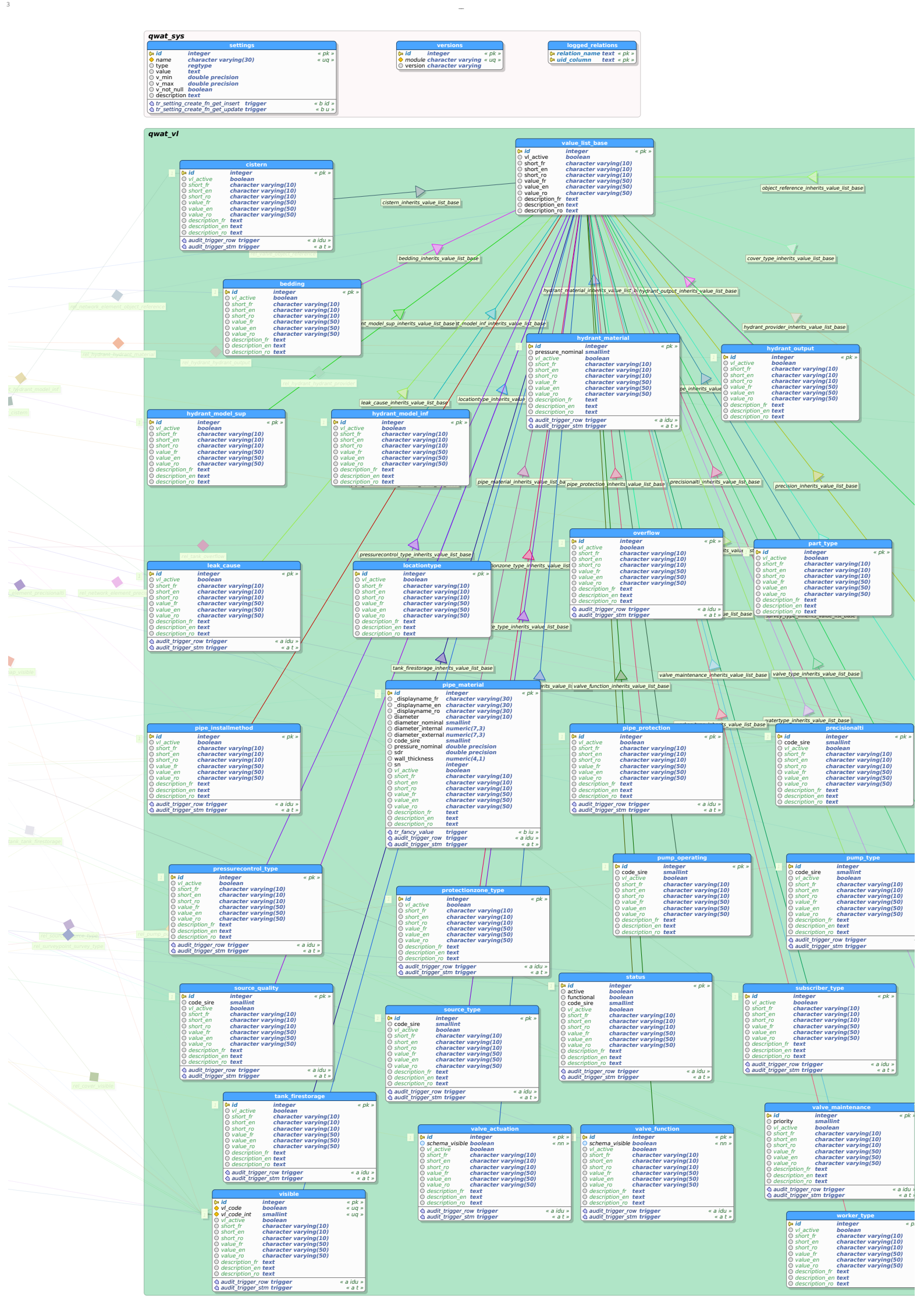

Modèle de données QWAT v1.2.2
Les clés étrangères de listes de valeurs ou de référencement sont floutées, au profits des relations structurantes d'héritage
Fuites (sur conduite)
leak
id integer « pk »
fk_cause integer « fk nn »
fk_pipe integer « fk »
widespread_damage boolean « nn »
detection_date date
repair_date date
_repaired boolean
address text
pipe_replaced boolean
description text
repair text
geometry public.geometry
label_1_visible smallint « fk »
label_1_x double precision
label_1_y double precision
label_1_rotation double precision
label_1_text character varying(120)
label_2_visible smallint « fk »
label_2_x double precision
label_2_y double precision
label_2_rotation double precision
label_2_text character varying(120)
tr_leak_repaired trigger « b iu »
tr_leak_pipe trigger « b i »
fki_leak_label_1_visible index
fki_leak_label_2_visible index
fki_leak_fk_cause index
fki_leak_fk_pipe index
rel_leak_pipe
distributor
id integer « pk »
name character varying(30) « uq »
rel_pipe_pipe
district
id integer « pk »
name character varying(40) « uq nn »
shortname character varying(12)
zip character varying(12)
land_registry character varying(12)
prefix character varying(12)
colorcode smallint
geometry geometry
label_1_visible smallint « fk »
label_1_x double precision
label_1_y double precision
label_1_rotation double precision
label_1_text character varying(120)
label_2_visible smallint « fk »
label_2_x double precision
label_2_y double precision
label_2_rotation double precision
label_2_text character varying(120)
district_geoidx index
fki_district_label_1_visible index
fki_district_label_2_visible index
pressurezone
id integer
fk_distributor integer
fk_consumptionzone integer
name character varying(50)
fk_worker integer
code character varying(50)
description text
date date
fk_folder integer
altitude numeric(10,3)
geometry public.geometry
tr_pressurezone_altgeom_insert trigger
tr_pressurezone_altgeom_update trigger
tr_pressurezone_altgeom_alt trigger
pressurezone_geoidx index
pressurezone_geoidx_alt1 index
pressurezone_geoidx_alt2 index
fki_pressurezone_label_1_visible index
fki_pressurezone_label_2_visible index
fki_pressurezone_fk_distributor index
fki_pressurezone_fk_consumptionzone index
pipe
id integer « pk »
fk_parent integer « fk »
fk_function integer « fk nn »
fk_installmethod integer « fk nn »
fk_material integer « fk nn »
fk_distributor integer « fk nn »
fk_precision integer « fk nn »
fk_bedding integer « fk nn »
fk_protection integer « fk »
fk_status integer « fk nn »
fk_watertype integer « fk nn »
fk_locationtype integer[]
fk_folder integer « fk »
year smallint
year_rehabilitation smallint
year_end smallint
tunnel_or_bridge boolean
pressure_nominal smallint
remark text
_valve_count smallint
_valve_closed boolean
schema_force_visible boolean « fk »
label_1_visible smallint « fk »
label_1_text character varying(120)
label_2_visible smallint « fk »
label_2_text character varying(120)
fk_node_a integer « fk nn »
fk_node_b integer « fk nn »
fk_district integer « fk »
fk_pressurezone integer « fk »
fk_printmap integer[]
_length2d numeric(8,2)
_length3d numeric(8,2)
_diff_elevation numeric(8,2)
_printmaps character varying(100)
_geometry_alt1_used boolean
_geometry_alt2_used boolean
update_geometry_alt1 boolean
update_geometry_alt2 boolean
geometry public.geometry « nn »
geometry_alt1 public.geometry
geometry_alt2 public.geometry
rl_crossing_delete rule « a d »
tr_pipe_tunnelbridge trigger « b iu »
tr_pipe_geom_insert trigger « b i »
tr_pipe_geom_update trigger « b u »
tr_pipe_node_type_insdel trigger « a id »
tr_pipe_node_type_update trigger « a u »
tr_pipe_altgeom_insert trigger « b i »
tr_pipe_altgeom_update trigger « b u »
tr_pipe_altgeom_alt trigger « b u »
tr_pipe_pipe_update trigger « a u »
tr_valve_pipe_delete trigger « a d »
fki_pipe_schema_force_visible index
fki_pipe_label_1_visible index
fki_pipe_label_2_visible index
fki_pipe_fk_parent index
fki_pipe_fk_function index
fki_pipe_fk_installmethod index
fki_pipe_fk_material index
fki_pipe_fk_distributor index
fki_pipe_fk_precision index
fki_pipe_fk_bedding index
fki_pipe_fk_protection index
fki_pipe_fk_status index
fki_pipe_fk_watertype index
fki_pipe_fk_folder index
pipe_geoidx index
pipe_geoidx_alt1 index
pipe_geoidx_alt2 index
fki_pipe_fk_node_a index
fki_pipe_fk_node_b index
fki_pipe_fk_district index
fki_pipe_fk_pressurezone index
rel_pipe_node
rel_pipe_district
rel_pipe_pressurezone
rel_pipe_folder
rel_pipe_part
rel_crossing_pipe
rel_valve
Croisement de conduite
(avec calcul des angles de croisement pour controles)
crossing
id integer « pk »
disabled boolean « nn »
controled boolean « nn »
hide_pipe smallint « nn »
_pipe1_id integer « fk »
_pipe2_id integer « fk »
_pipe1_angle double precision
_pipe2_angle double precision
geometry public.geometry « nn »
tr_controled_crossing trigger « b u »
Vannes
n'héritent plus des noeuds depuis la v1.1.0
Nodes = ponctuels dont:
- noeuds topologiques début et fin de tronçon
- classes génériques d'ouvrages (network_element)
vw_qwat_node
SELECT CASE WHEN (element...
vw_node_element
SELECT node.id, node.fk_d...
node
id integer « pk »
fk_district integer « fk »
fk_pressurezone integer « fk »
fk_printmap integer[]
_printmaps text
_geometry_alt1_used boolean
_geometry_alt2_used boolean
_pipe_node_type qwat_od.pipe_connection
_pipe_orientation double precision
_pipe_schema_visible boolean
geometry public.geometry « nn »
geometry_alt1 public.geometry
geometry_alt2 public.geometry
update_geometry_alt1 boolean
update_geometry_alt2 boolean
tr_node_geom_insert trigger « b i »
tr_node_geom_update trigger « b u »
tr_pipe_node_moved trigger « a u »
tr_node_altgeom_insert trigger « b i »
tr_node_altgeom_update trigger « b u »
tr_node_altgeom_alt trigger « b u »
node_geoidx index
node_geoidx_alt1 index
node_geoidx_alt2 index
fki_node_fk_district index
fki_node_fk_pressurezone index
rel_network_element_node
Pièces d'installation
(bouchons, racccords, réducteurs de diametre, manomètre / débitmétres)
-- héritent des noeuds ponctuels
vw_pipe_schema
SELECT pipe.id, pipe.fk_f...
vw_pipe_schema_merged
WITH RECURSIVE pipe_find_...
vw_pipe_schema_error
WITH RECURSIVE pipe_find_...
vw_pipe_schema_visibleitems
SELECT pipe.id, pipe.fk_p...
vw_pipe_child_parent
SELECT foo2.child, foo2.p...
vw_valve_lines
SELECT valve.id, (st_make...
rel_part_part
part
id integer « pk fk »
fk_part_type integer « fk nn »
fk_pipe integer « fk »
fki_part_fk_type index
fki_part_fk_pipe index
valve
id integer « pk »
fk_valve_type integer « fk nn »
fk_valve_function integer « fk nn »
fk_valve_actuation integer « fk nn »
fk_pipe integer « fk »
fk_handle_precision integer « fk »
fk_handle_precisionalti integer « fk »
fk_maintenance integer[]
diameter_nominal character varying(10)
closed boolean
networkseparation boolean
handle_altitude numeric(10,3)
handle_geometry public.geometry
fk_district integer « fk »
fk_pressurezone integer « fk »
fk_distributor integer « fk nn »
fk_precision integer « fk nn »
fk_precisionalti integer « fk »
fk_status integer « fk nn »
fk_object_reference integer « fk »
fk_folder integer « fk »
year smallint
year_end smallint
altitude numeric(10,3)
orientation double precision
fk_locationtype integer[]
identification character varying(50)
remark text
fk_printmap integer[]
_geometry_alt1_used boolean
_geometry_alt2_used boolean
_pipe_node_type qwat_od.pipe_connection
_pipe_orientation double precision
_pipe_schema_visible boolean
_printmaps text
geometry public.geometry « nn »
geometry_alt1 public.geometry
geometry_alt2 public.geometry
update_geometry_alt1 boolean
update_geometry_alt2 boolean
schema_force_visible boolean « fk »
label_1_visible smallint « fk »
label_1_x double precision
label_1_y double precision
label_1_rotation double precision
label_1_text character varying(120)
label_2_visible smallint « fk »
label_2_x double precision
label_2_y double precision
label_2_rotation double precision
label_2_text character varying(120)
tr_valve_altgeom_insert trigger « b i »
tr_valve_altgeom_update trigger « b u »
tr_valve_altgeom_alt trigger « b u »
valve_handle_altitude_update_trigger trigger « b u »
valve_handle_altitude_insert_trigger trigger « b i »
tr_valve_add_pipe_vertex_insert trigger « a i »
tr_valve_add_pipe_vertex_update trigger « a u »
tr_valve_update_trigger trigger « a u »
tr_valve_infos_insert_trigger trigger « b i »
tr_valve_infos_update_trigger trigger « b u »
audit_trigger_row trigger « a idu »
audit_trigger_stm trigger « a t »
fki_valve_fk_type index
fki_valve_fk_function index
fki_valve_fk_valve_actuation index
fki_valve_fk_pipe index
fki_valve_fk_handle_precision index
fki_valve_fk_handle_precisionalti index
fki_valve_fk_district index
fki_valve_fk_pressurezone index
fki_valve_fk_distributor index
fki_valve_fk_precision index
fki_valve_fk_status index
fki_valve_fk_object_reference index
fki_valve_fk_folder index
fki_valve_fk_precisionalti index
fki_valve_schema_force_visible index
fki_valve_label_1_visible index
fki_valve_label_2_visible index
valve_geoidx index
valve_geoidx_alt1 index
valve_geoidx_alt2 index
Télécommande (linéaire)
remote
id integer « pk »
fk_distributor integer « fk »
fk_status integer « fk »
fk_precision integer « fk »
fk_material integer « fk »
identification character varying(15)
year smallint
origin character varying(150)
destination character varying(150)
folder character varying(50)
plan character varying(50)
remark text
_geometry_alt1_used boolean
_geometry_alt2_used boolean
update_geometry_alt1 boolean
update_geometry_alt2 boolean
geometry public.geometry « nn »
geometry_alt1 public.geometry
geometry_alt2 public.geometry
label_1_visible smallint « fk »
label_1_x double precision
label_1_y double precision
label_1_rotation double precision
label_1_text character varying(120)
label_2_visible smallint « fk »
label_2_x double precision
label_2_y double precision
label_2_rotation double precision
label_2_text character varying(120)
tr_remote_altgeom_insert « b i »
tr_remote_altgeom_upda... « b u »
tr_remote_altgeom_alt « b u »
remote_geoidx index
remote_geoidx_alt1 index
remote_geoidx_alt2 index
fki_remote_label_1_visible index
fki_remote_label_2_visible index
fki_remote_fk_distributor index
fki_remote_fk_status index
fki_remote_fk_precision index
fki_remote_fk_material index
vw_remote
SELECT distributor.name A...
Un dossier technique rassemble des éléments d'une meme intervention terrain
folder
id integer « pk »
identification character varying(50) « uq nn »
description text
date_start date
date_end date
geometry_polygon geometry
geometry_line geometry
folder_geoidx_polygon index
folder_geoidx_line index
surveypoint
id integer
fk_survey_type integer
fk_worker integer
code character varying(50)
description text
date date
fk_folder integer
altitude numeric(10,3)
geometry public.geometry
surveypoint_altitude_update_trigger trigg
surveypoint_altitude_insert_trigger trigg
fki_surveypoint_fk_type index
fki_surveypoint_fk_worker index
fki_surveypoint_fk_folder index
vw_search_view
SELECT 'Ouvrages'::text A...
vw_export_part
SELECT vw_element_part.id...
vw_export_subscriber
SELECT vw_element_subscri...
vw_export_meter
SELECT vw_element_meter.i...
vw_export_hydrant
SELECT vw_element_hydrant...
vw_export_leak
SELECT leak.id, leak.fk_c...
vw_export_installation
SELECT vw_element_install...
vw_export_valve
SELECT valve.id, valve.fk...
vw_export_pipe
SELECT pipe.id, pipe.fk_p...


printmap
vw_printmap
protectionzone
vw_protectionzone
vw_consumptionzone
consumptionzone
vw_element_samplingpoint
samplingpoint
Point de prélèvement d'eau (pour mesure qualité)
vw_element_subscriber
vw_subscriber_pipe_relation
subscriber
subscriber_reference
vw_element_hydrant
Relevé d'index de compteur
vw_qwat_network_element
es networks elements héritent des noeuds
network_element
Compteur
meter_reference
meter
vw_element_meter
vw_installation_tank
Installations (réservoirs, chambres, dispositif de controle de de pression, source)
Héritent des network_elements (et donc des noeuds)
tank
installation
vw_qwat_installation
vw_element_installation
vw_element_part
chamber
vw_installation_chamber
source
vw_installation_source
cover
pressurecontrol
vw_installation_pressurecontrol
pump
vw_installation_pump
Opérateur technique de levé terrain
worker
treatment
vw_installation_treatment


qwat_sys
settings
id integer « pk »
name character varying(30) « uq »
type regtype
value text
v_min double precision
v_max double precision
v_not_null boolean
description text
tr_setting_create_fn_get_insert trigger « b id »
tr_setting_create_fn_get_update trigger « b u »
versions
id integer « pk »
module character varying « uq »
version character varying
logged_relations
relation_name text « pk »
uid_column text « pk »
qwat_vl
value_list_base
id integer « pk »
vl_active boolean
short_fr character varying(10)
short_en character varying(10)
short_ro character varying(10)
value_fr character varying(50)
value_en character varying(50)
value_ro character varying(50)
description_fr text
description_en text
description_ro text
cistern
id integer « pk »
vl_active boolean
short_fr character varying(10)
short_en character varying(10)
short_ro character varying(10)
value_fr character varying(50)
value_en character varying(50)
value_ro character varying(50)
description_fr text
description_en text
description_ro text
audit_trigger_row trigger « a idu »
audit_trigger_stm trigger « a t »
cistern_inherits_value_list_base
object_reference_inherits_value_list_base
bedding_inherits_value_list_base
cover_type_inherits_value_list_base
bedding
id integer « pk »
vl_active boolean
short_fr character varying(10)
short_en character varying(10)
short_ro character varying(10)
value_fr character varying(50)
value_en character varying(50)
value_ro character varying(50)
description_fr text
description_en text
description_ro text
hydrant_material_inherits_value_list_b
hydrant_output_inherits_value_list_base
hydrant_model_sup_inherits_value_list_base
t_model_inf_inherits_value_list_base
hydrant_provider_inherits_value_list_base
hydrant_material
id integer « pk »
pressure_nominal smallint
vl_active boolean
short_fr character varying(10)
short_en character varying(10)
short_ro character varying(10)
value_fr character varying(50)
value_en character varying(50)
value_ro character varying(50)
description_fr text
description_en text
description_ro text
audit_trigger_row trigger « a idu »
audit_trigger_stm trigger « a t »
hydrant_output
id integer « pk »
vl_active boolean
short_fr character varying(10)
short_en character varying(10)
short_ro character varying(10)
value_fr character varying(50)
value_en character varying(50)
value_ro character varying(50)
description_fr text
description_en text
description_ro text
leak_cause_inherits_value_list_base
locationtype_inherits_value
hydrant_model_sup
id integer « pk »
vl_active boolean
short_fr character varying(10)
short_en character varying(10)
short_ro character varying(10)
value_fr character varying(50)
value_en character varying(50)
value_ro character varying(50)
description_fr text
description_en text
description_ro text
hydrant_model_inf
id integer « pk »
vl_active boolean
short_fr character varying(10)
short_en character varying(10)
short_ro character varying(10)
value_fr character varying(50)
value_en character varying(50)
value_ro character varying(50)
description_fr text
description_en text
description_ro text
pipe_material_inherits_value_list_ba
pipe_protection_inherits_value_list_base
precisionalti_inherits_value_list_base
precision_inherits_value_list_base
overflow
id integer « pk »
vl_active boolean
short_fr character varying(10)
short_en character varying(10)
short_ro character varying(10)
value_fr character varying(50)
value_en character varying(50)
value_ro character varying(50)
description_fr text
description_en text
description_ro text
audit_trigger_row trigger « a idu »
audit_trigger_stm trigger « a t »
part_type
id integer « pk »
vl_active boolean
short_fr character varying(10)
short_en character varying(10)
short_ro character varying(10)
value_fr character varying(50)
value_en character varying(50)
value_ro character varying(50)
description_fr text
description_en text
description_ro text
pressurecontrol_type_inherits_value_list_base
leak_cause
id integer « pk »
vl_active boolean
short_fr character varying(10)
short_en character varying(10)
short_ro character varying(10)
value_fr character varying(50)
value_en character varying(50)
value_ro character varying(50)
description_fr text
description_en text
description_ro text
audit_trigger_row trigger « a idu »
audit_trigger_stm trigger « a t »
locationtype
id integer « pk »
vl_active boolean
short_fr character varying(10)
short_en character varying(10)
short_ro character varying(10)
value_fr character varying(50)
value_en character varying(50)
value_ro character varying(50)
description_fr text
description_en text
description_ro text
tank_firestorage_inherits_value_list_base
valve_maintenance_inherits_value_list_base
valve_type_inherits_value_list_base
valve_function_inherits_value_list_base
pipe_material
id integer « pk »
_displayname_fr character varying(30)
_displayname_en character varying(30)
_displayname_ro character varying(30)
diameter character varying(10)
diameter_nominal smallint
diameter_internal numeric(7,3)
diameter_external numeric(7,3)
code_sire smallint
pressure_nominal double precision
sdr double precision
wall_thickness numeric(4,1)
sn integer
vl_active boolean
short_fr character varying(10)
short_en character varying(10)
short_ro character varying(10)
value_fr character varying(50)
value_en character varying(50)
value_ro character varying(50)
description_fr text
description_en text
description_ro text
tr_fancy_value trigger « b iu »
audit_trigger_row trigger « a idu »
audit_trigger_stm trigger « a t »
pipe_protection
id integer « pk »
vl_active boolean
short_fr character varying(10)
short_en character varying(10)
short_ro character varying(10)
value_fr character varying(50)
value_en character varying(50)
value_ro character varying(50)
description_fr text
description_en text
description_ro text
audit_trigger_row trigger « a idu »
audit_trigger_stm trigger « a t »
watertype_inherits_value_list_base
precisionalti
id integer « pk »
code_sire smallint
vl_active boolean
short_fr character varying(10)
short_en character varying(10)
short_ro character varying(10)
value_fr character varying(50)
value_en character varying(50)
value_ro character varying(50)
description_fr text
description_en text
description_ro text
pipe_installmethod
id integer « pk »
vl_active boolean
short_fr character varying(10)
short_en character varying(10)
short_ro character varying(10)
value_fr character varying(50)
value_en character varying(50)
value_ro character varying(50)
description_fr text
description_en text
description_ro text
audit_trigger_row trigger « a idu »
audit_trigger_stm trigger « a t »
pump_operating
id integer « pk »
code_sire smallint
vl_active boolean
short_fr character varying(10)
short_en character varying(10)
short_ro character varying(10)
value_fr character varying(50)
value_en character varying(50)
value_ro character varying(50)
description_fr text
description_en text
description_ro text
pump_type
id integer
code_sire smallint
vl_active boolean
short_fr character varying(10)
short_en character varying(10)
short_ro character varying(10)
value_fr character varying(50)
value_en character varying(50)
value_ro character varying(50)
description_fr text
description_en text
description_ro text
audit_trigger_row trigger
audit_trigger_stm trigger
pressurecontrol_type
id integer « pk »
vl_active boolean
short_fr character varying(10)
short_en character varying(10)
short_ro character varying(10)
value_fr character varying(50)
value_en character varying(50)
value_ro character varying(50)
description_fr text
description_en text
description_ro text
audit_trigger_row trigger « a idu »
audit_trigger_stm trigger « a t »
protectionzone_type
id integer « pk »
vl_active boolean
short_fr character varying(10)
short_en character varying(10)
short_ro character varying(10)
value_fr character varying(50)
value_en character varying(50)
value_ro character varying(50)
description_fr text
description_en text
description_ro text
audit_trigger_row trigger « a idu »
audit_trigger_stm trigger « a t »
status
id integer « pk »
active boolean
functional boolean
code_sire smallint
vl_active boolean
short_fr character varying(10)
short_en character varying(10)
short_ro character varying(10)
value_fr character varying(50)
value_en character varying(50)
value_ro character varying(50)
description_fr text
description_en text
description_ro text
audit_trigger_row trigger « a idu »
audit_trigger_stm trigger « a t »
subscriber_type
id integer « pk »
vl_active boolean
short_fr character varying(10)
short_en character varying(10)
short_ro character varying(10)
value_fr character varying(50)
value_en character varying(50)
value_ro character varying(50)
description_fr text
description_en text
description_ro text
audit_trigger_row trigger « a idu »
audit_trigger_stm trigger « a t »
source_quality
id integer « pk »
code_sire smallint
vl_active boolean
short_fr character varying(10)
short_en character varying(10)
short_ro character varying(10)
value_fr character varying(50)
value_en character varying(50)
value_ro character varying(50)
description_fr text
description_en text
description_ro text
audit_trigger_row trigger « a idu »
audit_trigger_stm trigger « a t »
source_type
id integer « pk »
code_sire smallint
vl_active boolean
short_fr character varying(10)
short_en character varying(10)
short_ro character varying(10)
value_fr character varying(50)
value_en character varying(50)
value_ro character varying(50)
description_fr text
description_en text
description_ro text
audit_trigger_row trigger « a idu »
audit_trigger_stm trigger « a t »
valve_maintenance
id integer « pk »
priority smallint
vl_active boolean
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short_en character varying(10)
short_ro character varying(10)
value_fr character varying(50)
value_en character varying(50)
value_ro character varying(50)
description_fr text
description_en text
description_ro text
audit_trigger_row trigger « a idu »
audit_trigger_stm trigger « a t »
tank_firestorage
id integer « pk »
vl_active boolean
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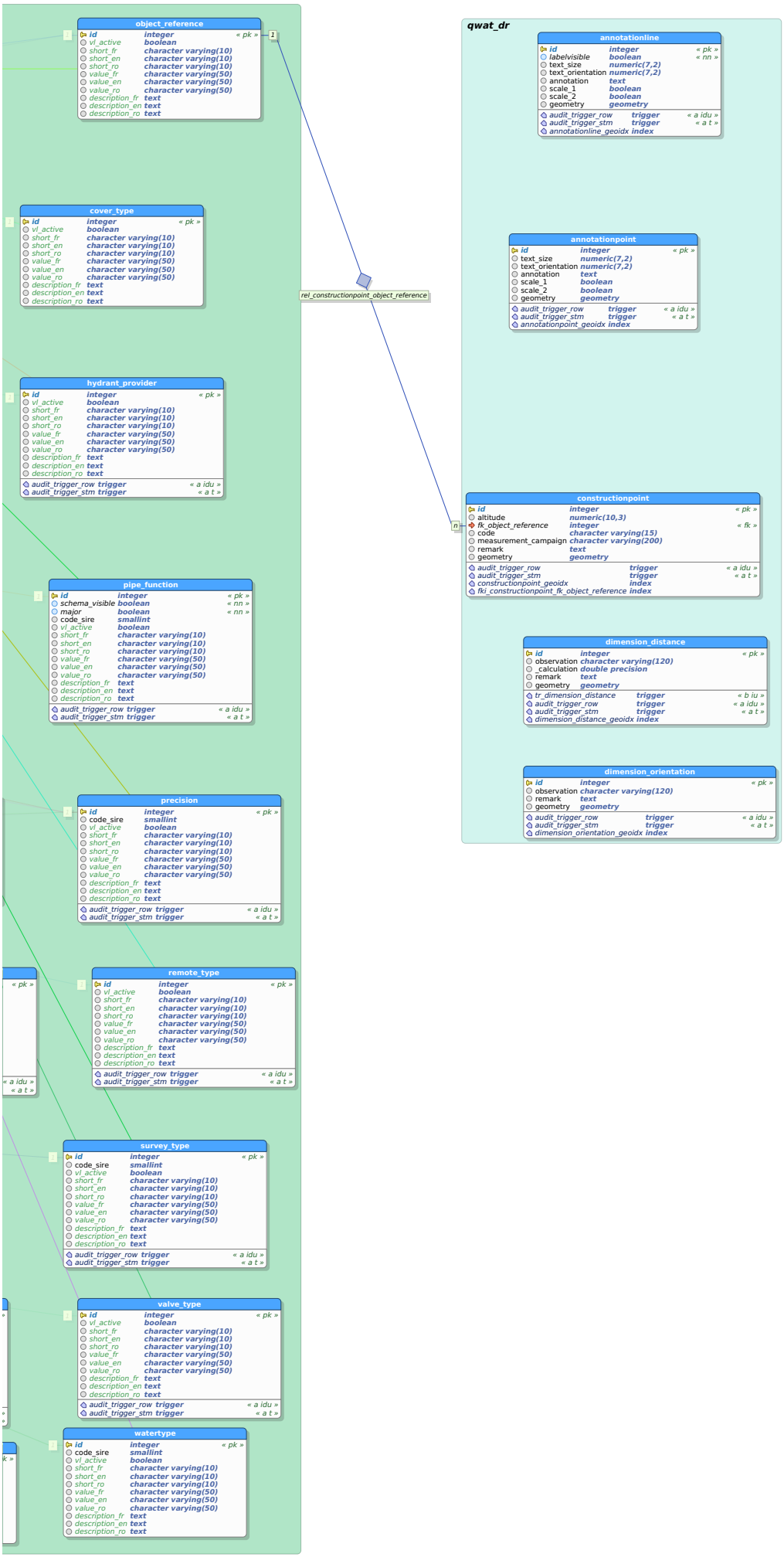
short_en character varying(10)
short_ro character varying(10)
value_fr character varying(50)
value_en character varying(50)
value_ro character varying(50)
description_fr text
description_en text
description_ro text
audit_trigger_row trigger « a idu »
audit_trigger_stm trigger « a t »
valve_actuation
id integer « pk »
schema_visible boolean « nn »
vl_active boolean
short_fr character varying(10)
short_en character varying(10)
short_ro character varying(10)
value_fr character varying(50)
value_en character varying(50)
value_ro character varying(50)
description_fr text
description_en text
description_ro text
audit_trigger_row trigger « a idu »
audit_trigger_stm trigger « a t »
valve_function
id integer « pk »
schema_visible boolean « nn »
vl_active boolean
short_fr character varying(10)
short_en character varying(10)
short_ro character varying(10)
value_fr character varying(50)
value_en character varying(50)
value_ro character varying(50)
description_fr text
description_en text
description_ro text
audit_trigger_row trigger « a idu »
audit_trigger_stm trigger « a t »
visible
id integer « pk »
vl_code boolean « uq »
vl_code_int smallint « uq »
vl_active boolean
short_fr character varying(10)
short_en character varying(10)
short_ro character varying(10)
value_fr character varying(50)
value_en character varying(50)
value_ro character varying(50)
description_fr text
description_en text
description_ro text
audit_trigger_row trigger « a idu »
audit_trigger_stm trigger « a t »
worker_type
id integer « p
vl_active boolean
short_fr character varying(10)
short_en character varying(10)
short_ro character varying(10)
value_fr character varying(50)
value_en character varying(50)
value_ro character varying(50)
description_fr text
description_en text
description_ro text


qwat_dr
object_reference
id integer « pk »
vl_active boolean
short_fr character varying(10)
short_en character varying(10)
short_ro character varying(10)
value_fr character varying(50)
value_en character varying(50)
value_ro character varying(50)
description_fr text
description_en text
description_ro text
rel_constructionpoint_object_reference
annotationline
id integer « pk »
labelvisible boolean « nn »
text_size numeric(7,2)
text_orientation numeric(7,2)
annotation text
scale_1 boolean
scale_2 boolean
geometry geometry
audit_trigger_row trigger « a idu »
audit_trigger_stm trigger « a t »
annotationline_geoidx index
cover_type
id integer « pk »
vl_active boolean
short_fr character varying(10)
short_en character varying(10)
short_ro character varying(10)
value_fr character varying(50)
value_en character varying(50)
value_ro character varying(50)
description_fr text
description_en text
description_ro text
annotationpoint
id integer « pk »
text_size numeric(7,2)
text_orientation numeric(7,2)
annotation text
scale_1 boolean
scale_2 boolean
geometry geometry
audit_trigger_row trigger « a idu »
audit_trigger_stm trigger « a t »
annotationpoint_geoidx index
hydrant_provider
id integer « pk »
vl_active boolean
short_fr character varying(10)
short_en character varying(10)
short_ro character varying(10)
value_fr character varying(50)
value_en character varying(50)
value_ro character varying(50)
description_fr text
description_en text
description_ro text
audit_trigger_row trigger « a idu »
audit_trigger_stm trigger « a t »
constructionpoint
id integer « pk »
altitude numeric(10,3)
fk_object_reference integer « fk »
code character varying(15)
measurement_campaign character varying(200)
remark text
geometry geometry
audit_trigger_row trigger « a idu »
audit_trigger_stm trigger « a t »
constructionpoint_geoidx index
fki_constructionpoint_fk_object_reference index
pipe_function
id integer « pk »
schema_visible boolean « nn »
major boolean « nn »
code_sire smallint
vl_active boolean
short_fr character varying(10)
short_en character varying(10)
short_ro character varying(10)
value_fr character varying(50)
value_en character varying(50)
value_ro character varying(50)
description_fr text
description_en text
description_ro text
audit_trigger_row trigger « a idu »
audit_trigger_stm trigger « a t »
dimension_distance
id integer « pk »
observation character varying(120)
_calculation double precision
remark text
geometry geometry
tr_dimension_distance trigger « b iu »
audit_trigger_row trigger « a idu »
audit_trigger_stm trigger « a t »
dimension_distance_geoidx index
precision
id integer « pk »
code_sire smallint
vl_active boolean
short_fr character varying(10)
short_en character varying(10)
short_ro character varying(10)
value_fr character varying(50)
value_en character varying(50)
value_ro character varying(50)
description_fr text
description_en text
description_ro text
audit_trigger_row trigger « a idu »
audit_trigger_stm trigger « a t »
dimension_orientation
id integer « pk »
observation character varying(120)
remark text
geometry geometry
audit_trigger_row trigger « a idu »
audit_trigger_stm trigger « a t »
dimension_orientation_geoidx index
remote_type
id integer « pk »
vl_active boolean
short_fr character varying(10)
short_en character varying(10)
short_ro character varying(10)
value_fr character varying(50)
value_en character varying(50)
value_ro character varying(50)
description_fr text
description_en text
description_ro text
audit_trigger_row trigger « a idu »
audit_trigger_stm trigger « a t »
survey_type
id integer « pk »
code_sire smallint
vl_active boolean
short_fr character varying(10)
short_en character varying(10)
short_ro character varying(10)
value_fr character varying(50)
value_en character varying(50)
value_ro character varying(50)
description_fr text
description_en text
description_ro text
audit_trigger_row trigger « a idu »
audit_trigger_stm trigger « a t »
valve_type
id integer « pk »
vl_active boolean
short_fr character varying(10)
short_en character varying(10)
short_ro character varying(10)
value_fr character varying(50)
value_en character varying(50)
value_ro character varying(50)
description_fr text
description_en text
description_ro text
audit_trigger_row trigger « a idu »
audit_trigger_stm trigger « a t »
watertype
id integer « pk »
code_sire smallint
vl_active boolean
short_fr character varying(10)
short_en character varying(10)
short_ro character varying(10)
value_fr character varying(50)
value_en character varying(50)
value_ro character varying(50)
description_fr text
description_en text
description_ro text