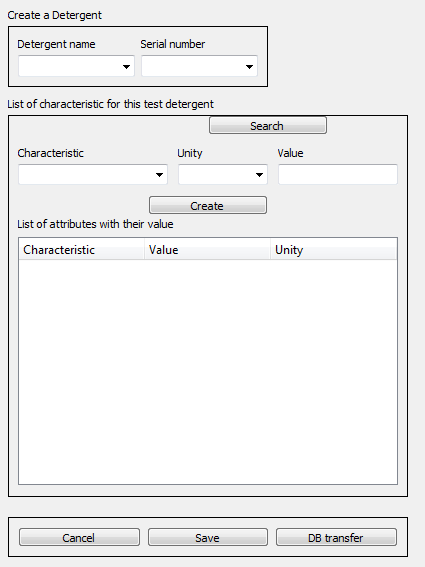
# Liste de requêtes à BDD

## detergent\_modify.py



### Requête 1

#### Objet :

#### Sql :

sql = """SELECT DISTINCT ref FROM type\_detergent;"""

### Requête 2

#### Objet :

#### Sql :

sql = """SELECT att.attribute, att.unity, att.value

FROM attribute att

JOIN attribute\_detergent att\_d ON att.id = att\_d.id\_attribute

JOIN detergent d ON d.id = att\_d.id\_detergent

JOIN type\_detergent td ON td.id = d.id\_type\_detergent

WHERE td.ref = %s AND d.number = %s

;"""

### Requête 3

#### Objet :

#### Sql :

sql = """SELECT DISTINCT ref FROM type\_detergent;"""

### Requête 4

#### Objet :

#### Sql :

sql = """SELECT ur.role, CASE WHEN ur.id\_test\_mean IS NOT NULL THEN CONCAT('test mean' ,'-', tm.type, '\_', tm.name, '\_', tm.number)

WHEN ur.id\_type\_detergent IS NOT NULL THEN CONCAT('detergent', '-', td.ref)

WHEN ur.id\_type\_detergent IS NOT NULL THEN CONCAT('detergent', '-', td.ref)

WHEN ur.id\_type\_tank IS NOT NULL THEN CONCAT('tank', '-', tt.ref)

WHEN ur.id\_type\_sensor IS NOT NULL THEN CONCAT('sensor', '-',ts.ref)

WHEN ur.id\_type\_ejector IS NOT NULL THEN CONCAT('ejector', '-',te.ref)

WHEN ur.id\_type\_camera IS NOT NULL THEN CONCAT('camera', '-',tca.ref)

WHEN ur.id\_type\_test\_point IS NOT NULL THEN CONCAT('test point', '-',ttp.ref)

WHEN ur.id\_type\_intrinsic\_value IS NOT NULL THEN CONCAT('intrinsic value', '-',tiv.ref)

WHEN ur.insect = 'Yes' THEN CONCAT('insect', '-', ' ')

WHEN ur.acqui\_system = 'Yes' THEN CONCAT('acquisition', '-', ' ') END AS object

FROM account ac

JOIN user\_right ur ON ur.id\_account = ac.id

LEFT JOIN test\_mean tm ON tm.id = ur.id\_test\_mean

LEFT JOIN type\_detergent td ON td.id = ur.id\_type\_detergent

LEFT JOIN type\_detergent td ON td.id = ur.id\_type\_detergent

LEFT JOIN type\_tank tt ON tt.id = ur.id\_type\_tank

LEFT JOIN type\_sensor ts ON ts.id = ur.id\_type\_sensor

LEFT JOIN type\_ejector te ON te.id = ur.id\_type\_ejector

LEFT JOIN type\_camera tca ON tca.id = ur.id\_type\_camera

LEFT JOIN type\_test\_point ttp ON ttp.id = ur.id\_type\_test\_point

LEFT JOIN type\_intrinsic\_value tiv ON tiv.id = ur.id\_type\_intrinsic\_value

WHERE ac.uname = %s ;

"""

### Requête 5

#### Objet :

#### Sql :

sql = """SELECT d.number

FROM detergent d

JOIN type\_detergent td ON d.id\_type\_detergent = td.id

WHERE td.ref = %s;"""

### Requête 6

#### Objet :

#### Sql :

sql = """SELECT DISTINCT att.attribute

FROM attribute att

JOIN attribute\_detergent att\_d ON att.id = att\_d.id\_attribute

JOIN detergent d ON d.id = att\_d.id\_detergent

JOIN type\_detergent td ON td.id = d.id\_type\_detergent

WHERE td.ref = %s

"""

### Requête 7

#### Objet :

#### Sql :

sql = """SELECT att.attribute, att.unity, att.value

FROM attribute att

JOIN attribute\_detergent att\_d ON att.id = att\_d.id\_attribute

JOIN detergent d ON d.id = att\_d.id\_detergent

JOIN type\_detergent td ON td.id = d.id\_type\_detergent

WHERE td.ref = %s AND d.number = %s

;"""

### Requête 8

#### Objet :

#### Sql :

sql = """SELECT att.attribute, att.unity, att.value

FROM attribute att

JOIN attribute\_detergent att\_d ON att.id = att\_d.id\_attribute

JOIN detergent d ON d.id = att\_d.id\_detergent

JOIN type\_detergent td ON td.id = d.id\_type\_detergent

WHERE td.ref = %s AND d.number = %s

;"""

### Requête 9

#### Objet :

#### Sql :

sql = """SELECT DISTINCT att.unity

FROM attribute att

WHERE att.attribute = %s;

"""

### Requête 10

#### Objet :

#### Sql :

sql = """SELECT att.attribute, att.unity, att.value

FROM attribute att

JOIN attribute\_detergent att\_d ON att.id = att\_d.id\_attribute

JOIN detergent d ON d.id = att\_d.id\_detergent

JOIN type\_detergent td ON td.id = d.id\_type\_detergent

WHERE td.ref = %s AND d.number = %s

;"""

### Requête 11

#### Objet :

#### Sql :

sql = """SELECT d.id\_type\_detergent, d.number FROM detergent d JOIN type\_detergent td ON d.id\_type\_detergent = td.id WHERE td.ref = %s AND d.number = %s"""

### Requête 12

#### Objet :

#### Sql :

sql = """INSERT INTO detergent(id\_type\_detergent, number, validate) VALUES ((SELECT id FROM type\_detergent WHERE ref = %s), %s, %s);"""

### Requête 13

#### Objet :

#### Sql :

sql = """UPDATE detergent

SET validate = 't'

WHERE id\_type\_detergent = (SELECT id FROM type\_detergent WHERE ref = %s) AND number = %s;

"""

### Requête 14

#### Objet :

#### Sql :

sql = """SELECT \* FROM attribute WHERE attribute = %s AND unity = %s AND value = %s;"""

### Requête 15

#### Objet :

#### Sql :

sql = """SELECT \* FROM attribute\_detergent att\_d JOIN detergent d ON d.id = att\_d.id\_detergent JOIN attribute att ON att.id = att\_d.id\_attribute JOIN type\_detergent td ON td.id = d.id\_type\_detergent WHERE td.ref = %s AND d.number = %s AND att.attribute = %s AND att.unity = %s AND att.value = %s;"""

### Requête 16

#### Objet :

#### Sql :

sql = """INSERT INTO attribute\_detergent(id\_detergent, id\_attribute, validate) VALUES ((SELECT d.id FROM detergent d JOIN type\_detergent td ON td.id = d.id\_type\_detergent WHERE td.ref = %s AND d.number = %s), (SELECT id FROM attribute WHERE attribute = %s AND unity = %s AND value = %s), 't');"""

### Requête 17

#### Objet :

#### Sql :

sql ="""UPDATE attribute\_detergent

SET validate = 't'

WHERE id\_detergent = (SELECT d.id FROM detergent d JOIN type\_detergent td ON td.id = d.id\_type\_detergent WHERE td.ref = %s AND d.number = %s) AND id\_attribute = (SELECT id FROM attribute WHERE attribute = %s AND unity = %s AND value = %s);"""

### Requête 18

#### Objet :

#### Sql :

sql = """DELETE FROM attribute\_detergent WHERE id\_detergent = (SELECT d.id FROM detergent d JOIN type\_detergent td ON td.id = d.id\_type\_detergent WHERE td.ref = %s AND d.number = %s) AND id\_attribute = (SELECT id FROM attribute WHERE attribute = %s AND unity = %s AND value = %s);"""

### Requête 19

#### Objet :

#### Sql :

sql = """SELECT d.id\_type\_detergent, d.number FROM detergent d JOIN type\_detergent td ON d.id\_type\_detergent = td.id WHERE td.ref = %s AND d.number = %s"""

### Requête 20

#### Objet :

#### Sql :

sql = """INSERT INTO detergent(id\_type\_detergent, number, validate) VALUES ((SELECT id FROM type\_detergent WHERE ref = %s), %s, %s);"""

### Requête 21

#### Objet :

#### Sql :

sql = """SELECT \* FROM attribute WHERE attribute = %s AND unity = %s AND value = %s;"""

### Requête 22

#### Objet :

#### Sql :

sql = """INSERT INTO attribute(attribute, unity, value) VALUES (%s, %s, %s);"""

### Requête 23

#### Objet :

#### Sql :

sql = """INSERT INTO attribute\_detergent(id\_detergent, id\_attribute, validate) VALUES ((SELECT d.id FROM detergent d JOIN type\_detergent td ON td.id = d.id\_type\_detergent WHERE td.ref = %s AND d.number = %s), (SELECT id FROM attribute WHERE attribute = %s AND unity = %s AND value = %s), 'f');"""

### Requête 24

#### Objet :

#### Sql :

sql = """DELETE FROM attribute\_detergent WHERE id\_detergent = (SELECT d.id FROM detergent d JOIN type\_detergent td ON td.id = d.id\_type\_detergent WHERE td.ref = %s AND d.number = %s) AND id\_attribute = (SELECT id FROM attribute WHERE attribute = %s AND unity = %s AND value = %s);"""

### Requête

#### Objet :

#### Sql :

### Requête

#### Objet :

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