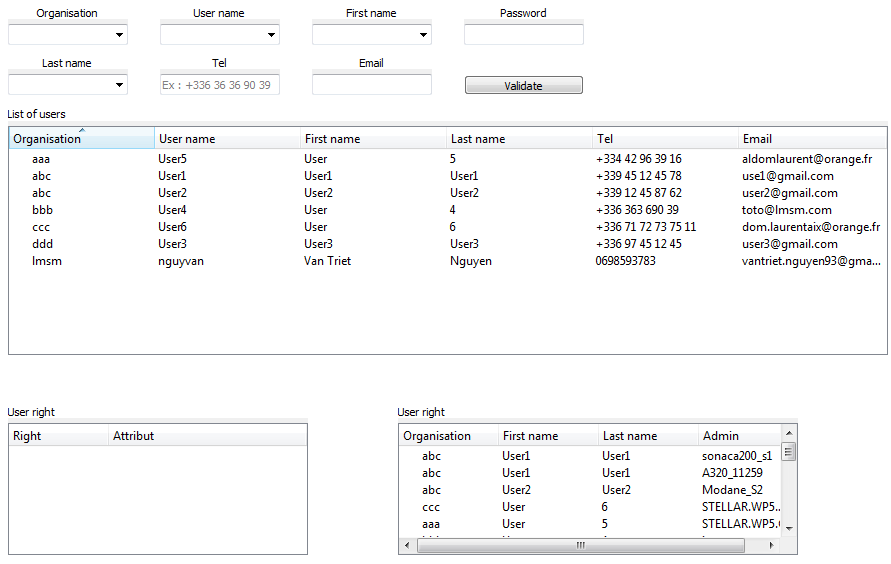
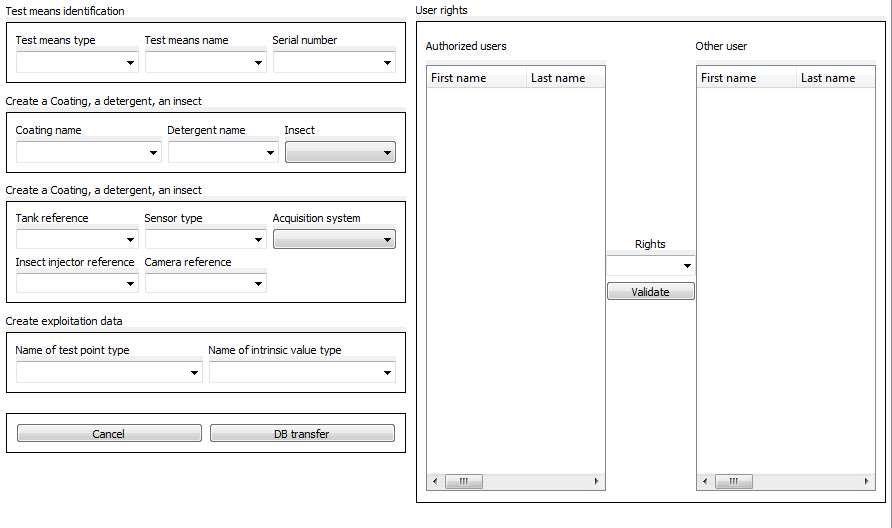
# Liste de requêtes à BDD

## manager





### Requête 4

#### Objet :

#### Sql :

sql = """SELECT DISTINCT type FROM test\_mean;"""

### Requête 5

#### Objet :

#### Sql :

sql = """SELECT ref FROM type\_coating;"""

### Requête 6

#### Objet :

#### Sql :

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

### Requête 7

#### Objet :

#### Sql :

sql = """SELECT ref FROM type\_tank;"""

### Requête 8

#### Objet :

#### Sql :

sql = """SELECT ref FROM type\_sensor;"""

### Requête

#### Objet :

#### Sql :

### Requête

#### Objet :

### Requête 1

#### Objet :

#### Sql :

sql = """SELECT DISTINCT orga FROM account;"""

### Requête 2

#### Objet :

#### Sql :

sql = """SELECT orga, uname, fname, lname, tel, email FROM account;"""

### Requête 3

#### Objet :

#### Sql :

sql = """SELECT ac.orga, ac.fname, ac.lname, (CASE

WHEN ur.id\_test\_mean IS NOT NULL THEN CONCAT(tm.name, '\_', tm.number)

WHEN ur.id\_type\_coating IS NOT NULL THEN tc.ref

WHEN ur.id\_type\_detergent IS NOT NULL THEN td.ref

WHEN ur.id\_type\_tank IS NOT NULL THEN tt.ref

WHEN ur.id\_type\_sensor IS NOT NULL THEN ts.ref

WHEN ur.id\_type\_ejector IS NOT NULL THEN te.ref

WHEN ur.id\_type\_camera IS NOT NULL THEN tca.ref

WHEN ur.id\_type\_test\_point IS NOT NULL THEN ttp.ref

WHEN ur.id\_type\_intrinsic\_value IS NOT NULL THEN tiv.ref

WHEN ur.insect = 'Yes' THEN 'insect'

WHEN ur.acqui\_system = 'Yes' THEN 'acquisition' END) AS object, ac.uname

FROM account ac

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

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

LEFT JOIN type\_coating tc ON tc.id = ur.id\_type\_coating

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 LOWER(ur.role) = 'admin'

"""

### Requête 9

#### Objet :

#### Sql :

sql = """SELECT ref FROM type\_ejector;"""

### Requête 10

#### Objet :

#### Sql :

sql = """SELECT ref FROM type\_camera;"""

### Requête 11

#### Objet :

#### Sql :

sql = """SELECT ref FROM type\_test\_point;"""

### Requête 12

#### Objet :

#### Sql :

sql = """SELECT ref FROM type\_intrinsic\_value;"""

### Requête 13

#### Objet :

#### Sql :

sql = """UPDATE account

SET orga = %s, uname = %s, lname = %s, fname = %s, tel = %s, email = %s

WHERE uname = %s;

"""

### Requête 14

#### Objet :

#### Sql :

sql = """INSERT INTO account(orga, uname, fname, lname, tel, email, password) VALUES (%s, %s, %s, %s, %s, %s, CRYPT(%s, gen\_salt('bf', 8)));"""

### Requête 15

#### Objet :

#### Sql :

sql = """DELETE FROM account WHERE uname = %s"""

### Requête 16

#### Objet :

#### Sql :

sql = """SELECT ur.role, (CASE

WHEN ur.id\_test\_mean IS NOT NULL THEN CONCAT(tm.name, '\_', tm.number)

WHEN ur.id\_type\_coating IS NOT NULL THEN tc.ref

WHEN ur.id\_type\_detergent IS NOT NULL THEN td.ref

WHEN ur.id\_type\_tank IS NOT NULL THEN tt.ref

WHEN ur.id\_type\_sensor IS NOT NULL THEN ts.ref

WHEN ur.id\_type\_ejector IS NOT NULL THEN te.ref

WHEN ur.id\_type\_camera IS NOT NULL THEN tca.ref

WHEN ur.id\_type\_test\_point IS NOT NULL THEN ttp.ref

WHEN ur.id\_type\_intrinsic\_value IS NOT NULL THEN tiv.ref

WHEN ur.insect = 'Yes' THEN 'insect'

WHEN ur.acqui\_system = 'Yes' THEN 'acquisition' END) AS object

FROM account ac

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

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

LEFT JOIN type\_coating tc ON tc.id = ur.id\_type\_coating

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 17

#### Objet :

#### Sql :

sql = """SELECT uname FROM account WHERE orga = %s;"""

### Requête 18

#### Objet :

#### Sql :

sql = """SELECT uname FROM account WHERE orga = %s;"""

### Requête 19

#### Objet :

#### Sql :

sql = """SELECT DISTINCT fname FROM account WHERE orga = %s;"""

### Requête 20

#### Objet :

#### Sql :

sql\_ac = """SELECT fname, lname, tel, email FROM account WHERE uname = %s;"""

### Requête 21

#### Objet :

#### Sql :

sql\_role = """SELECT ur.role, (CASE

WHEN ur.id\_test\_mean IS NOT NULL THEN CONCAT(tm.name, '\_', tm.number)

WHEN ur.id\_type\_coating IS NOT NULL THEN tc.ref

WHEN ur.id\_type\_detergent IS NOT NULL THEN td.ref

WHEN ur.id\_type\_tank IS NOT NULL THEN tt.ref

WHEN ur.id\_type\_sensor IS NOT NULL THEN ts.ref

WHEN ur.id\_type\_ejector IS NOT NULL THEN te.ref

WHEN ur.id\_type\_camera IS NOT NULL THEN tca.ref

WHEN ur.id\_type\_test\_point IS NOT NULL THEN ttp.ref

WHEN ur.id\_type\_intrinsic\_value IS NOT NULL THEN tiv.ref END) AS object

FROM account ac

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

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

LEFT JOIN type\_coating tc ON tc.id = ur.id\_type\_coating

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 22

#### Objet :

#### Sql :

sql = """SELECT DISTINCT fname FROM account WHERE orga = %s;"""

### Requête 23

#### Objet :

#### Sql :

sql\_ac = """SELECT fname, lname, tel, email FROM account WHERE uname = %s;"""

### Requête 24

#### Objet :

#### Sql :

sql\_role = """SELECT ur.role, (CASE

WHEN ur.id\_test\_mean IS NOT NULL THEN CONCAT(tm.name, '\_', tm.number)

WHEN ur.id\_type\_coating IS NOT NULL THEN tc.ref

WHEN ur.id\_type\_detergent IS NOT NULL THEN td.ref

WHEN ur.id\_type\_tank IS NOT NULL THEN tt.ref

WHEN ur.id\_type\_sensor IS NOT NULL THEN ts.ref

WHEN ur.id\_type\_ejector IS NOT NULL THEN te.ref

WHEN ur.id\_type\_camera IS NOT NULL THEN tca.ref

WHEN ur.id\_type\_test\_point IS NOT NULL THEN ttp.ref

WHEN ur.id\_type\_intrinsic\_value IS NOT NULL THEN tiv.ref

WHEN ur.insect = 'Yes' THEN 'insect'

WHEN ur.acqui\_system = 'Yes' THEN 'acquisition' END) AS object

FROM account ac

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

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

LEFT JOIN type\_coating tc ON tc.id = ur.id\_type\_coating

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 25

#### Objet :

#### Sql :

sql = """SELECT DISTINCT fname FROM account WHERE orga = %s;"""

### Requête 26

#### Objet :

#### Sql :

sql = """SELECT DISTINCT lname FROM account WHERE orga = %s AND fname = %s;"""

### Requête 27

#### Objet :

#### Sql :

sql = """SELECT DISTINCT lname FROM account WHERE orga = %s AND fname = %s;"""

### Requête 28

#### Objet :

#### Sql :

sql = """SELECT uname FROM account WHERE orga = %s AND fname = %s AND lname = %s;"""

### Requête 29

#### Objet :

#### Sql :

sql = """SELECT uname FROM account WHERE orga = %s AND fname = %s AND lname = %s;"""

### Requête 30

#### Objet :

#### Sql :

sql = """SELECT DISTINCT name FROM test\_mean WHERE type = %s;"""

### Requête 31

#### Objet :

#### Sql :

sql = """SELECT DISTINCT name FROM test\_mean WHERE type = %s;"""

### Requête 32

#### Objet :

#### Sql :

sql = """SELECT number FROM test\_mean WHERE type = %s AND name = %s;"""

### Requête 33

#### Objet :

#### Sql :

sql = """SELECT number FROM test\_mean WHERE type = %s AND name = %s;"""

### Requête 34

#### Objet :

#### Sql :

sql = """WITH d AS (SELECT ac.id

FROM account ac

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

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

WHERE tm.type = %s AND tm.name = %s AND tm.number = %s or ur.role = 'manager')

SELECT ac.fname, ac.lname, ac.orga, ac.tel, ac.uname

FROM account ac

LEFT JOIN d ON ac.id = d.id

WHERE d.id IS NULL;

"""

### Requête 35

#### Objet :

#### Sql :

sql = """SELECT ac.fname, ac.lname, ac.orga, ac.tel, ur.role, ac.uname

FROM account ac

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

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

WHERE tm.type = %s AND tm.name = %s AND tm.number = %s;

"""

### Requête 36

#### Objet :

#### Sql :

sql = """WITH d AS (SELECT ac.id

FROM account ac

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

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

WHERE tm.type = %s AND tm.name = %s AND tm.number = %s or ur.role = 'manager')

SELECT ac.fname, ac.lname, ac.orga, ac.tel, ac.uname

FROM account ac

LEFT JOIN d ON ac.id = d.id

WHERE d.id IS NULL;

"""

### Requête 37

#### Objet :

#### Sql :

sql = """SELECT ac.fname, ac.lname, ac.orga, ac.tel, ur.role, ac.uname

FROM account ac

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

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

WHERE tm.type = %s AND tm.name = %s AND tm.number = %s;

"""

### Requête 38

#### Objet :

#### Sql :

sql = """WITH d AS (SELECT ac.id

FROM account ac

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

LEFT JOIN type\_coating tc ON tc.id = ur.id\_type\_coating

WHERE tc.ref = %s or ur.role = 'manager')

SELECT ac.fname, ac.lname, ac.orga, ac.tel, ac.uname

FROM account ac

LEFT JOIN d ON ac.id = d.id

WHERE d.id IS NULL;

"""

### Requête 39

#### Objet :

#### Sql :

sql = """SELECT ac.fname, ac.lname, ac.orga, ac.tel, ur.role, ac.uname

FROM account ac

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

JOIN type\_coating tc ON tc.id = ur.id\_type\_coating

WHERE tc.ref = %s;

"""

### Requête 40

#### Objet :

#### Sql :

sql = """WITH d AS (SELECT ac.id

FROM account ac

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

LEFT JOIN type\_coating tc ON tc.id = ur.id\_type\_coating

WHERE tc.ref = %s or ur.role = 'manager')

SELECT ac.fname, ac.lname, ac.orga, ac.tel, ac.uname

FROM account ac

LEFT JOIN d ON ac.id = d.id

WHERE d.id IS NULL;

"""

### Requête 41

#### Objet :

#### Sql :

sql = """SELECT ac.fname, ac.lname, ac.orga, ac.tel, ur.role, ac.uname

FROM account ac

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

JOIN type\_coating tc ON tc.id = ur.id\_type\_coating

WHERE tc.ref = %s;

"""

### Requête 42

#### Objet :

#### Sql :

sql = """WITH d AS (SELECT ac.id

FROM account ac

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

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

WHERE td.ref = %s or ur.role = 'manager')

SELECT ac.fname, ac.lname, ac.orga, ac.tel, ac.uname

FROM account ac

LEFT JOIN d ON ac.id = d.id

WHERE d.id IS NULL;

"""

### Requête 43

#### Objet :

#### Sql :

sql = """SELECT ac.fname, ac.lname, ac.orga, ac.tel, ur.role, ac.uname

FROM account ac

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

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

WHERE td.ref = %s;

"""

### Requête 44

#### Objet :

#### Sql :

sql = """WITH d AS (SELECT ac.id

FROM account ac

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

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

WHERE td.ref = %s or ur.role = 'manager')

SELECT ac.fname, ac.lname, ac.orga, ac.tel, ac.uname

FROM account ac

LEFT JOIN d ON ac.id = d.id

WHERE d.id IS NULL;

"""

### Requête 45

#### Objet :

#### Sql :

sql = """SELECT ac.fname, ac.lname, ac.orga, ac.tel, ur.role, ac.uname

FROM account ac

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

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

WHERE td.ref = %s;

"""

### Requête 46

#### Objet :

#### Sql :

sql = """WITH d AS (SELECT ac.id

FROM account ac

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

WHERE ur.insect = 'Yes' or ur.role = 'manager')

SELECT ac.fname, ac.lname, ac.orga, ac.tel, ac.uname

FROM account ac

LEFT JOIN d ON ac.id = d.id

WHERE d.id IS NULL;

"""

### Requête 47

#### Objet :

#### Sql :

sql = """SELECT ac.fname, ac.lname, ac.orga, ac.tel, ur.role, ac.uname

FROM account ac

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

WHERE ur.insect = 'Yes';

"""

### Requête 48

#### Objet :

#### Sql :

sql = """WITH d AS (SELECT ac.id

FROM account ac

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

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

WHERE tt.ref = %s or ur.role = 'manager')

SELECT ac.fname, ac.lname, ac.orga, ac.tel, ac.uname

FROM account ac

LEFT JOIN d ON ac.id = d.id

WHERE d.id IS NULL;

"""

### Requête 49

#### Objet :

#### Sql :

sql = """SELECT ac.fname, ac.lname, ac.orga, ac.tel, ur.role, ac.uname

FROM account ac

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

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

WHERE tt.ref = %s;

"""

### Requête 50

#### Objet :

#### Sql :

sql = """WITH d AS (SELECT ac.id

FROM account ac

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

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

WHERE tt.ref = %s or ur.role = 'manager')

SELECT ac.fname, ac.lname, ac.orga, ac.tel, ac.uname

FROM account ac

LEFT JOIN d ON ac.id = d.id

WHERE d.id IS NULL;

"""

### Requête 51

#### Objet :

#### Sql :

sql = """SELECT ac.fname, ac.lname, ac.orga, ac.tel, ur.role, ac.uname

FROM account ac

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

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

WHERE tt.ref = %s;

"""

### Requête 52

#### Objet :

#### Sql :

sql = """WITH d AS (SELECT ac.id

FROM account ac

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

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

WHERE ts.ref = %s or ur.role = 'manager')

SELECT ac.fname, ac.lname, ac.orga, ac.tel, ac.uname

FROM account ac

LEFT JOIN d ON ac.id = d.id

WHERE d.id IS NULL;

"""

### Requête 53

#### Objet :

#### Sql :

sql = """SELECT ac.fname, ac.lname, ac.orga, ac.tel, ur.role, ac.uname

FROM account ac

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

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

WHERE ts.ref = %s;

"""

### Requête 54

#### Objet :

#### Sql :

self.sensor\_type.addItem(type\_sensor)

sql = """WITH d AS (SELECT ac.id

FROM account ac

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

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

WHERE ts.ref = %s or ur.role = 'manager')

SELECT ac.fname, ac.lname, ac.orga, ac.tel, ac.uname

FROM account ac

LEFT JOIN d ON ac.id = d.id

WHERE d.id IS NULL;

"""

### Requête 55

#### Objet :

#### Sql :

sql = """SELECT ac.fname, ac.lname, ac.orga, ac.tel, ur.role, ac.uname

FROM account ac

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

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

WHERE ts.ref = %s;

"""

### Requête 56

#### Objet :

#### Sql :

sql = """WITH d AS (SELECT ac.id

FROM account ac

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

WHERE ur.acqui\_system = 'Yes' or ur.role = 'manager')

SELECT ac.fname, ac.lname, ac.orga, ac.tel, ac.uname

FROM account ac

LEFT JOIN d ON ac.id = d.id

WHERE d.id IS NULL;

"""

### Requête 57

#### Objet :

#### Sql :

sql = """SELECT ac.fname, ac.lname, ac.orga, ac.tel, ur.role, ac.uname

FROM account ac

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

WHERE ur.acqui\_system = 'Yes';

"""

### Requête 58

#### Objet :

#### Sql :

sql = """WITH d AS (SELECT ac.id

FROM account ac

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

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

WHERE te.ref = %s or ur.role = 'manager')

SELECT ac.fname, ac.lname, ac.orga, ac.tel, ac.uname

FROM account ac

LEFT JOIN d ON ac.id = d.id

WHERE d.id IS NULL;

"""

### Requête 59

#### Objet :

#### Sql :

sql = """SELECT ac.fname, ac.lname, ac.orga, ac.tel, ur.role, ac.uname

FROM account ac

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

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

WHERE te.ref = %s;

"""

### Requête 60

#### Objet :

#### Sql :

sql = """WITH d AS (SELECT ac.id

FROM account ac

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

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

WHERE te.ref = %s OR ur.role = 'manager')

SELECT ac.fname, ac.lname, ac.orga, ac.tel, ac.uname

FROM account ac

LEFT JOIN d ON ac.id = d.id

WHERE d.id IS NULL;

"""

### Requête 61

#### Objet :

#### Sql :

sql = """SELECT ac.fname, ac.lname, ac.orga, ac.tel, ur.role, ac.uname

FROM account ac

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

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

WHERE te.ref = %s;

"""

### Requête 62

#### Objet :

#### Sql :

sql = """WITH d AS (SELECT ac.id

FROM account ac

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

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

WHERE tc.ref = %s or ur.role = 'manager')

SELECT ac.fname, ac.lname, ac.orga, ac.tel, ac.uname

FROM account ac

LEFT JOIN d ON ac.id = d.id

WHERE d.id IS NULL;

"""

### Requête 63

#### Objet :

#### Sql :

sql = """SELECT ac.fname, ac.lname, ac.orga, ac.tel, ur.role, ac.uname

FROM account ac

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

JOIN type\_camera tc ON tc.id = ur.id\_type\_camera

WHERE tc.ref = %s;

"""

### Requête 64

#### Objet :

#### Sql :

sql = """WITH d AS (SELECT ac.id

FROM account ac

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

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

WHERE tc.ref = %s or ur.role = 'manager')

SELECT ac.fname, ac.lname, ac.orga, ac.tel, ac.uname

FROM account ac

LEFT JOIN d ON ac.id = d.id

WHERE d.id IS NULL;

"""

### Requête 65

#### Objet :

#### Sql :

sql = """SELECT ac.fname, ac.lname, ac.orga, ac.tel, ur.role, ac.uname

FROM account ac

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

JOIN type\_camera tc ON tc.id = ur.id\_type\_camera

WHERE tc.ref = %s;

"""

### Requête 66

#### Objet :

#### Sql :

sql = """WITH d AS (SELECT ac.id

FROM account ac

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

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

WHERE ttp.ref = %s or ur.role = 'manager')

SELECT ac.fname, ac.lname, ac.orga, ac.tel, ac.uname

FROM account ac

LEFT JOIN d ON ac.id = d.id

WHERE d.id IS NULL;

"""

### Requête 67

#### Objet :

#### Sql :

sql = """SELECT ac.fname, ac.lname, ac.orga, ac.tel, ur.role, ac.uname

FROM account ac

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

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

WHERE ttp.ref = %s;

"""

### Requête 68

#### Objet :

#### Sql :

sql = """WITH d AS (SELECT ac.id

FROM account ac

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

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

WHERE ttp.ref = %s or ur.role = 'manager')

SELECT ac.fname, ac.lname, ac.orga, ac.tel, ac.uname

FROM account ac

LEFT JOIN d ON ac.id = d.id

WHERE d.id IS NULL;

"""

### Requête 69

#### Objet :

#### Sql :

sql = """SELECT ac.fname, ac.lname, ac.orga, ac.tel, ur.role, ac.uname

FROM account ac

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

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

WHERE ttp.ref = %s;

"""

### Requête 70

#### Objet :

#### Sql :

sql = """WITH d AS (SELECT ac.id

FROM account ac

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

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

WHERE tiv.ref = %s or ur.role = 'manager')

SELECT ac.fname, ac.lname, ac.orga, ac.tel, ac.uname

FROM account ac

LEFT JOIN d ON ac.id = d.id

WHERE d.id IS NULL;

"""

### Requête 71

#### Objet :

#### Sql :

sql = """SELECT ac.fname, ac.lname, ac.orga, ac.tel, ur.role, ac.uname

FROM account ac

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

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

WHERE tiv.ref = %s;

"""

### Requête 72

#### Objet :

#### Sql :

sql = """WITH d AS (SELECT ac.id

FROM account ac

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

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

WHERE tiv.ref = %s or ur.role = 'manager')

SELECT ac.fname, ac.lname, ac.orga, ac.tel, ac.uname

FROM account ac

LEFT JOIN d ON ac.id = d.id

WHERE d.id IS NULL;

"""

### Requête 73

#### Objet :

#### Sql :

sql = """SELECT ac.fname, ac.lname, ac.orga, ac.tel, ur.role, ac.uname

FROM account ac

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

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

WHERE tiv.ref = %s;

"""

### Requête 74

#### Objet :

#### Sql :

sql = """SELECT orga, uname, fname, lname, tel, email FROM account;"""

### Requête 75

#### Objet :

#### Sql :

sql = """WITH d AS (SELECT ac.id

FROM account ac

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

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

WHERE tm.type = %s AND tm.name = %s AND tm.number = %s or ur.role = 'manager')

SELECT ac.fname, ac.lname, ac.orga, ac.tel, ac.uname

FROM account ac

LEFT JOIN d ON ac.id = d.id

WHERE d.id IS NULL;

"""

### Requête 76

#### Objet :

#### Sql :

sql = """SELECT ac.fname, ac.lname, ac.orga, ac.tel, ur.role, ac.uname

FROM account ac

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

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

WHERE tm.type = %s AND tm.name = %s AND tm.number = %s;

"""

### Requête 77

#### Objet :

#### Sql :

sql = """WITH d AS (SELECT ac.id

FROM account ac

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

LEFT JOIN type\_coating tc ON tc.id = ur.id\_type\_coating

WHERE tc.ref = %s or ur.role = 'manager')

SELECT ac.fname, ac.lname, ac.orga, ac.tel, ac.uname

FROM account ac

LEFT JOIN d ON ac.id = d.id

WHERE d.id IS NULL;

"""

### Requête 78

#### Objet :

#### Sql :

sql = """SELECT ac.fname, ac.lname, ac.orga, ac.tel, ur.role, ac.uname

FROM account ac

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

JOIN type\_coating tc ON tc.id = ur.id\_type\_coating

WHERE tc.ref = %s;

"""

### Requête 79

#### Objet :

#### Sql :

sql = """WITH d AS (SELECT ac.id

FROM account ac

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

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

WHERE td.ref = %s or ur.role = 'manager')

SELECT ac.fname, ac.lname, ac.orga, ac.tel, ac.uname

FROM account ac

LEFT JOIN d ON ac.id = d.id

WHERE d.id IS NULL;

"""

### Requête 80

#### Objet :

#### Sql :

sql = """SELECT ac.fname, ac.lname, ac.orga, ac.tel, ur.role, ac.uname

FROM account ac

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

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

WHERE td.ref = %s;

"""

### Requête 81

#### Objet :

#### Sql :

sql = """WITH d AS (SELECT ac.id

FROM account ac

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

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

WHERE tt.ref = %s or ur.role = 'manager')

SELECT ac.fname, ac.lname, ac.orga, ac.tel, ac.uname

FROM account ac

LEFT JOIN d ON ac.id = d.id

WHERE d.id IS NULL;

"""

### Requête 82

#### Objet :

#### Sql :

sql = """SELECT ac.fname, ac.lname, ac.orga, ac.tel, ur.role, ac.uname

FROM account ac

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

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

WHERE tt.ref = %s;

"""

### Requête 83

#### Objet :

#### Sql :

sql = """WITH d AS (SELECT ac.id

FROM account ac

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

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

WHERE ts.ref = %s or ur.role = 'manager')

SELECT ac.fname, ac.lname, ac.orga, ac.tel, ac.uname

FROM account ac

LEFT JOIN d ON ac.id = d.id

WHERE d.id IS NULL;

"""

### Requête 84

#### Objet :

#### Sql :

sql = """SELECT ac.fname, ac.lname, ac.orga, ac.tel, ur.role, ac.uname

FROM account ac

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

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

WHERE ts.ref = %s;

"""

### Requête 85

#### Objet :

#### Sql :

sql = """WITH d AS (SELECT ac.id

FROM account ac

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

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

WHERE te.ref = %s or ur.role = 'manager')

SELECT ac.fname, ac.lname, ac.orga, ac.tel, ac.uname

FROM account ac

LEFT JOIN d ON ac.id = d.id

WHERE d.id IS NULL;

"""

### Requête 86

#### Objet :

#### Sql :

sql = """SELECT ac.fname, ac.lname, ac.orga, ac.tel, ur.role, ac.uname

FROM account ac

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

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

WHERE te.ref = %s;

"""

### Requête 87

#### Objet :

#### Sql :

sql = """WITH d AS (SELECT ac.id

FROM account ac

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

LEFT JOIN type\_camera tc ON tc.id = ur.id\_type\_sensor

WHERE tc.ref = %s)

SELECT ac.fname, ac.lname, ac.orga, ac.tel, ac.uname

FROM account ac

LEFT JOIN d ON ac.id = d.id

WHERE d.id IS NULL;

"""

### Requête 88

#### Objet :

#### Sql :

sql = """SELECT ac.fname, ac.lname, ac.orga, ac.tel, ur.role, ac.uname

FROM account ac

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

JOIN type\_camera tc ON tc.id = ur.id\_type\_sensor

WHERE tc.ref = %s;

"""

### Requête 89

#### Objet :

#### Sql :

sql = """WITH d AS (SELECT ac.id

FROM account ac

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

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

WHERE ttp.ref = %s)

SELECT ac.fname, ac.lname, ac.orga, ac.tel, ac.uname

FROM account ac

LEFT JOIN d ON ac.id = d.id

WHERE d.id IS NULL;

"""

### Requête 90

#### Objet :

#### Sql :

sql = """SELECT ac.fname, ac.lname, ac.orga, ac.tel, ur.role, ac.uname

FROM account ac

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

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

WHERE ttp.ref = %s;

"""

### Requête 90

#### Objet :

#### Sql :

sql = """WITH d AS (SELECT ac.id

FROM account ac

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

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

WHERE tiv.ref = %s)

SELECT ac.fname, ac.lname, ac.orga, ac.tel, ac.uname

FROM account ac

LEFT JOIN d ON ac.id = d.id

WHERE d.id IS NULL;

"""

### Requête 91

#### Objet :

#### Sql :

sql = """SELECT ac.fname, ac.lname, ac.orga, ac.tel, ur.role, ac.uname

FROM account ac

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

JOIN type\_intricsic\_value tiv ON tiv.id = ur.id\_type\_sensor

WHERE tiv.ref = %s;

"""

### Requête 92

#### Objet :

#### Sql :

sql = """WITH d AS (SELECT ac.id

FROM account ac

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

WHERE ur.insect = 'Yes' or ur.role = 'manager')

SELECT ac.fname, ac.lname, ac.orga, ac.tel, ac.uname

FROM account ac

LEFT JOIN d ON ac.id = d.id

WHERE d.id IS NULL;

"""

### Requête 93

#### Objet :

#### Sql :

sql = """SELECT ac.fname, ac.lname, ac.orga, ac.tel, ur.role, ac.uname

FROM account ac

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

WHERE ur.insect = 'Yes';

"""

### Requête 94

#### Objet :

#### Sql :

sql = """WITH d AS (SELECT ac.id

FROM account ac

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

WHERE ur.acqui\_system = 'Yes' or ur.role = 'manager')

SELECT ac.fname, ac.lname, ac.orga, ac.tel, ac.uname

FROM account ac

LEFT JOIN d ON ac.id = d.id

WHERE d.id IS NULL;

"""

### Requête 95

#### Objet :

#### Sql :

sql = """SELECT ac.fname, ac.lname, ac.orga, ac.tel, ur.role, ac.uname

FROM account ac

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

WHERE ur.acqui\_system = 'Yes';

"""

### Requête 96

#### Objet :

#### Sql :

sql = """SELECT \* FROM test\_mean WHERE type = %s AND name = %s AND number = %s;"""

### Requête 97

#### Objet :

#### Sql :

sql = """INSERT INTO test\_mean(type, name, number) VALUES (%s, %s, %s);"""

### Requête 98

#### Objet :

#### Sql :

sql = """SELECT \* FROM user\_right ur JOIN account ac ON ac.id = ur.id\_account JOIN test\_mean tm ON tm.id = ur.id\_test\_mean WHERE ac.uname = %s AND tm.type = %s AND tm.name = %s AND tm.number = %s;"""

### Requête 98

#### Objet :

#### Sql :

sql = """UPDATE user\_right ur

SET role = %s

WHERE ur.id\_account = (SELECT id FROM account WHERE uname = %s) AND ur.id\_test\_mean = (SELECT tm.id FROM test\_mean tm WHERE tm.type = %s AND tm.name = %s AND tm.number = %s);"""

### Requête 99

#### Objet :

#### Sql :

sql = """INSERT INTO user\_right(id\_account, role, id\_test\_mean, insect, acqui\_system) VALUES ((SELECT id FROM account WHERE uname = %s), %s, (SELECT id FROM test\_mean WHERE type = %s AND name = %s AND number = %s), %s, %s);"""

### Requête 100

#### Objet :

#### Sql :

sql = """INSERT INTO user\_right(id\_account, role, id\_test\_mean, insect) VALUES ((SELECT id FROM account WHERE uname = %s), %s, (SELECT id FROM test\_mean WHERE type = %s AND name = %s AND number = %s), %s);"""

### Requête 101

#### Objet :

#### Sql :

sql = """INSERT INTO user\_right(id\_account, role, id\_test\_mean, acqui\_system) VALUES ((SELECT id FROM account WHERE uname = %s), %s, (SELECT id FROM test\_mean WHERE type = %s AND name = %s AND number = %s), %s);"""

### Requête 102

#### Objet :

#### Sql :

sql = """INSERT INTO user\_right(id\_account, role, id\_test\_mean) VALUES ((SELECT id FROM account WHERE uname = %s), %s, (SELECT id FROM test\_mean WHERE type = %s AND name = %s AND number = %s));"""

### Requête 103

#### Objet :

#### Sql :

sql = """DELETE FROM user\_right where id\_account = (SELECT id FROM account WHERE uname = %s) AND id\_test\_mean = (SELECT id FROM test\_mean WHERE type = %s AND name = %s AND number = %s);"""

### Requête 104

#### Objet :

#### Sql :

sql = """SELECT \* FROM type\_coating WHERE ref = %s;"""

### Requête 105

#### Objet :

#### Sql :

sql = """INSERT INTO type\_coating(ref) VALUES (%s);"""

### Requête 105

#### Objet :

#### Sql :

sql = """SELECT \* FROM user\_right ur JOIN account ac ON ac.id = ur.id\_account JOIN type\_coating tc ON tc.id = ur.id\_type\_coating WHERE ac.uname = %s AND tc.ref = %s"""

### Requête 106

#### Objet :

#### Sql :

sql = """UPDATE user\_right ur

SET role = %s

WHERE ur.id\_account = (SELECT id FROM account WHERE uname = %s) AND ur.id\_type\_coating = (SELECT id FROM type\_coating WHERE ref = %s);"""

### Requête 107

#### Objet :

#### Sql :

sql = """INSERT INTO user\_right(id\_account, role, id\_type\_coating, insect, acqui\_system) VALUES ((SELECT id FROM account WHERE uname = %s), %s, (SELECT id FROM type\_coating WHERE ref = %s), %s, %s);"""

### Requête 108

#### Objet :

#### Sql :

sql = """INSERT INTO user\_right(id\_account, role, id\_type\_coating, insect) VALUES ((SELECT id FROM account WHERE uname = %s), %s, (SELECT id FROM type\_coating WHERE ref = %s), %s);"""

### Requête 109

#### Objet :

#### Sql :

sql = """INSERT INTO user\_right(id\_account, role, id\_type\_coating, acqui\_system) VALUES ((SELECT id FROM account WHERE uname = %s), %s, (SELECT id FROM type\_coating WHERE ref = %s), %s);"""

### Requête 110

#### Objet :

#### Sql :

sql = """INSERT INTO user\_right(id\_account, role, id\_type\_coating) VALUES ((SELECT id FROM account WHERE uname = %s), %s, (SELECT id FROM type\_coating WHERE ref = %s));"""

### Requête 111

#### Objet :

#### Sql :

sql = """DELETE FROM user\_right where id\_account = (SELECT id FROM account WHERE uname = %s) AND id\_type\_coating = (SELECT id FROM type\_coating WHERE ref = %s);"""

### Requête 112

#### Objet :

#### Sql :

sql = """SELECT \* FROM type\_detergent WHERE ref = %s;"""

### Requête 113

#### Objet :

#### Sql :

sql = """INSERT INTO type\_detergent(ref) VALUES (%s);"""

### Requête 114

#### Objet :

#### Sql :

sql = """SELECT \* FROM user\_right ur JOIN account ac ON ac.id = ur.id\_account JOIN type\_detergent td ON td.id = ur.id\_type\_detergent WHERE ac.uname = %s AND td.ref = %s"""

### Requête 115

#### Objet :

#### Sql :

sql = """INSERT INTO user\_right(id\_account, role, id\_type\_detergent, insect, acqui\_system) VALUES ((SELECT id FROM account WHERE uname = %s), %s, (SELECT id FROM type\_detergent WHERE ref = %s), %s, %s);"""

### Requête 116

#### Objet :

#### Sql :

sql = """INSERT INTO user\_right(id\_account, role, id\_type\_detergent, insect) VALUES ((SELECT id FROM account WHERE uname = %s), %s, (SELECT id FROM type\_detergent WHERE ref = %s), %s);"""

### Requête 117

#### Objet :

#### Sql :

sql = """INSERT INTO user\_right(id\_account, role, id\_type\_detergent, acqui\_system) VALUES ((SELECT id FROM account WHERE uname = %s), %s, (SELECT id FROM type\_detergent WHERE ref = %s), %s);"""

### Requête 118

#### Objet :

#### Sql :

sql = """INSERT INTO user\_right(id\_account, role, id\_type\_detergent) VALUES ((SELECT id FROM account WHERE uname = %s), %s, (SELECT id FROM type\_detergent WHERE ref = %s));"""

### Requête 119

#### Objet :

#### Sql :

sql = """DELETE FROM user\_right where id\_account = (SELECT id FROM account WHERE uname = %s) AND id\_type\_detergent = (SELECT id FROM type\_detergent WHERE ref = %s);"""

### Requête 120

#### Objet :

#### Sql :

sql = """SELECT \* FROM user\_right ur JOIN account ac ON ac.id = ur.id\_account WHERE ac.uname = %s AND ur.insect = 'Yes';"""

### Requête 121

#### Objet :

#### Sql :

sql = """UPDATE user\_right ur

SET role = %s

WHERE ur.id\_account = (SELECT id FROM account WHERE uname = %s) AND ur.insect = 'Yes';"""

### Requête 121

#### Objet :

#### Sql :

sql = """INSERT INTO user\_right (id\_account, role, insect) VALUES ((SELECT id FROM account WHERE uname = %s), %s, 'Yes');"""

### Requête 122

#### Objet :

#### Sql :

sql = """DELETE FROM user\_right where id\_account = (SELECT id FROM account WHERE uname = %s) AND insect = 'Yes';"""

### Requête 123

#### Objet :

#### Sql :

sql = """SELECT \* FROM type\_tank WHERE ref = %s;"""

### Requête 124

#### Objet :

#### Sql :

sql = """INSERT INTO type\_tank(ref) VALUES (%s);"""

### Requête 125

#### Objet :

#### Sql :

sql = """SELECT \* FROM user\_right ur JOIN account ac ON ac.id = ur.id\_account JOIN type\_tank tc ON tc.id = ur.id\_type\_tank WHERE ac.uname = %s AND tc.ref = %s"""

### Requête 126

#### Objet :

#### Sql :

sql = """UPDATE user\_right ur

SET role = %s

WHERE ur.id\_account = (SELECT id FROM account WHERE uname = %s) AND ur.id\_type\_tank = (SELECT id FROM type\_tank WHERE ref = %s);"""

### Requête 127

#### Objet :

#### Sql :

sql = """INSERT INTO user\_right(id\_account, role, id\_type\_tank, insect, acqui\_system) VALUES ((SELECT id FROM account WHERE uname = %s), %s, (SELECT id FROM type\_tank WHERE ref = %s), %s, %s);"""

### Requête 128

#### Objet :

#### Sql :

sql = """INSERT INTO user\_right(id\_account, role, id\_type\_tank, insect) VALUES ((SELECT id FROM account WHERE uname = %s), %s, (SELECT id FROM type\_tank WHERE ref = %s), %s);"""

### Requête 129

#### Objet :

#### Sql :

sql = """INSERT INTO user\_right(id\_account, role, id\_type\_tank, acqui\_system) VALUES ((SELECT id FROM account WHERE uname = %s), %s, (SELECT id FROM type\_tank WHERE ref = %s), %s);"""

### Requête 130

#### Objet :

#### Sql :

sql = """INSERT INTO user\_right(id\_account, role, id\_type\_tank) VALUES ((SELECT id FROM account WHERE uname = %s), %s, (SELECT id FROM type\_tank WHERE ref = %s));"""

### Requête 140

#### Objet :

#### Sql :

sql = """DELETE FROM user\_right where id\_account = (SELECT id FROM account WHERE uname = %s) AND id\_type\_tank = (SELECT id FROM type\_tank WHERE ref = %s);"""

### Requête 141

#### Objet :

#### Sql :

sql = """SELECT \* FROM type\_sensor WHERE ref = %s;"""

### Requête 142

#### Objet :

#### Sql :

sql = """INSERT INTO type\_sensor(ref) VALUES (%s);"""

### Requête 143

#### Objet :

#### Sql :

sql = """SELECT \* FROM user\_right ur JOIN account ac ON ac.id = ur.id\_account JOIN type\_sensor tc ON tc.id = ur.id\_type\_sensor WHERE ac.uname = %s AND tc.ref = %s"""

### Requête 144

#### Objet :

#### Sql :

sql = """UPDATE user\_right ur

SET role = %s

WHERE ur.id\_account = (SELECT id FROM account WHERE uname = %s) AND ur.id\_type\_sensor = (SELECT id FROM type\_sensor WHERE ref = %s);"""

### Requête 145

#### Objet :

#### Sql :

sql = """INSERT INTO user\_right(id\_account, role, id\_type\_sensor, insect, acqui\_system) VALUES ((SELECT id FROM account WHERE uname = %s), %s, (SELECT id FROM type\_sensor WHERE ref = %s), %s, %s);"""

### Requête 146

#### Objet :

#### Sql :

sql = """INSERT INTO user\_right(id\_account, role, id\_type\_sensor, insect) VALUES ((SELECT id FROM account WHERE uname = %s), %s, (SELECT id FROM type\_sensor WHERE ref = %s), %s);"""

### Requête 147

#### Objet :

#### Sql :

sql = """INSERT INTO user\_right(id\_account, role, id\_type\_sensor, acqui\_system) VALUES ((SELECT id FROM account WHERE uname = %s), %s, (SELECT id FROM type\_sensor WHERE ref = %s), %s);"""

### Requête 148

#### Objet :

#### Sql :

sql = """INSERT INTO user\_right(id\_account, role, id\_type\_sensor) VALUES ((SELECT id FROM account WHERE uname = %s), %s, (SELECT id FROM type\_sensor WHERE ref = %s));"""

### Requête 149

#### Objet :

#### Sql :

sql = """DELETE FROM user\_right where id\_account = (SELECT id FROM account WHERE uname = %s) AND id\_type\_sensor = (SELECT id FROM type\_sensor WHERE ref = %s);"""

### Requête 150

#### Objet :

#### Sql :

sql = """SELECT \* FROM user\_right ur JOIN account ac ON ac.id = ur.id\_account WHERE ac.uname = %s AND ur.acqui\_system = 'Yes';"""

### Requête 151

#### Objet :

#### Sql :

sql = """UPDATE user\_right ur

SET role = %s

WHERE ur.id\_account = (SELECT id FROM account WHERE uname = %s) AND ur.acqui\_system = 'Yes';"""

### Requête 152

#### Objet :

#### Sql :

sql = """INSERT INTO user\_right (id\_account, role, acqui\_system) VALUES ((SELECT id FROM account WHERE uname = %s), %s, 'Yes');"""

### Requête 153

#### Objet :

#### Sql :

sql = """DELETE FROM user\_right where id\_account = (SELECT id FROM account WHERE uname = %s) AND acqui\_system = 'Yes';"""

### Requête 154

#### Objet :

#### Sql :

sql = """SELECT \* FROM type\_ejector WHERE ref = %s;"""

### Requête 155

#### Objet :

#### Sql :

sql = """INSERT INTO type\_ejector(ref) VALUES (%s);"""

### Requête 156

#### Objet :

#### Sql :

sql = """SELECT \* FROM user\_right ur JOIN account ac ON ac.id = ur.id\_account JOIN type\_ejector te ON te.id = ur.id\_type\_ejector WHERE ac.uname = %s AND te.ref = %s"""

### Requête 157

#### Objet :

#### Sql :

sql = """UPDATE user\_right ur

SET role = %s

WHERE ur.id\_account = (SELECT id FROM account WHERE uname = %s) AND ur.id\_type\_ejector = (SELECT id FROM type\_ejector WHERE ref = %s);"""

### Requête 158

#### Objet :

#### Sql :

sql = """INSERT INTO user\_right(id\_account, role, id\_type\_ejector, insect, acqui\_system) VALUES ((SELECT id FROM account WHERE uname = %s), %s, (SELECT id FROM type\_ejector WHERE ref = %s), %s, %s);"""

### Requête 159

#### Objet :

#### Sql :

sql = """INSERT INTO user\_right(id\_account, role, id\_type\_ejector, insect) VALUES ((SELECT id FROM account WHERE uname = %s), %s, (SELECT id FROM type\_ejector WHERE ref = %s), %s);"""

### Requête 160

#### Objet :

#### Sql :

sql = """INSERT INTO user\_right(id\_account, role, id\_type\_ejector, acqui\_system) VALUES ((SELECT id FROM account WHERE uname = %s), %s, (SELECT id FROM type\_ejector WHERE ref = %s), %s);"""

### Requête 161

#### Objet :

#### Sql :

sql = """INSERT INTO user\_right(id\_account, role, id\_type\_ejector) VALUES ((SELECT id FROM account WHERE uname = %s), %s, (SELECT id FROM type\_ejector WHERE ref = %s));"""

### Requête 162

#### Objet :

#### Sql :

sql = """DELETE FROM user\_right where id\_account = (SELECT id FROM account WHERE uname = %s) AND id\_type\_ejector = (SELECT id FROM type\_ejector WHERE ref = %s);"""

### Requête 163

#### Objet :

#### Sql :

sql = """SELECT \* FROM type\_camera WHERE ref = %s;"""

### Requête 164

#### Objet :

#### Sql :

sql = """INSERT INTO type\_camera(ref) VALUES (%s);"""

### Requête 165

#### Objet :

#### Sql :

sql = """SELECT \* FROM user\_right ur JOIN account ac ON ac.id = ur.id\_account JOIN type\_camera tc ON tc.id = ur.id\_type\_camera WHERE ac.uname = %s AND tc.ref = %s"""

### Requête 166

#### Objet :

#### Sql :

sql = """UPDATE user\_right ur

SET role = %s

WHERE ur.id\_account = (SELECT id FROM account WHERE uname = %s) AND ur.id\_type\_camera = (SELECT id FROM type\_camera WHERE ref = %s);"""

### Requête 168

#### Objet :

#### Sql :

sql = """INSERT INTO user\_right(id\_account, role, id\_type\_camera, insect, acqui\_system) VALUES ((SELECT id FROM account WHERE uname = %s), %s, (SELECT id FROM type\_camera WHERE ref = %s), %s, %s);"""

### Requête 169

#### Objet :

#### Sql :

sql = """INSERT INTO user\_right(id\_account, role, id\_type\_camera, insect) VALUES ((SELECT id FROM account WHERE uname = %s), %s, (SELECT id FROM type\_camera WHERE ref = %s), %s);"""

### Requête 170

#### Objet :

#### Sql :

sql = """INSERT INTO user\_right(id\_account, role, id\_type\_camera, acqui\_system) VALUES ((SELECT id FROM account WHERE uname = %s), %s, (SELECT id FROM type\_camera WHERE ref = %s), %s);"""

### Requête 171

#### Objet :

#### Sql :

sql = """INSERT INTO user\_right(id\_account, role, id\_type\_camera) VALUES ((SELECT id FROM account WHERE uname = %s), %s, (SELECT id FROM type\_camera WHERE ref = %s));"""

### Requête 172

#### Objet :

#### Sql :

sql = """DELETE FROM user\_right where id\_account = (SELECT id FROM account WHERE uname = %s) AND id\_type\_camera = (SELECT id FROM type\_camera WHERE ref = %s);"""

### Requête 173

#### Objet :

#### Sql :

sql = """SELECT \* FROM type\_test\_point WHERE ref = %s;"""

### Requête 174

#### Objet :

#### Sql :

sql = """INSERT INTO type\_test\_point(ref) VALUES (%s);"""

### Requête 175

#### Objet :

#### Sql :

sql = """SELECT \* FROM user\_right ur JOIN account ac ON ac.id = ur.id\_account JOIN type\_test\_point tc ON tc.id = ur.id\_type\_test\_point WHERE ac.uname = %s AND tc.ref = %s"""

### Requête 176

#### Objet :

#### Sql :

sql = """UPDATE user\_right ur

SET role = %s

WHERE ur.id\_account = (SELECT id FROM account WHERE uname = %s) AND ur.id\_type\_test\_point = (SELECT id FROM type\_test\_point WHERE ref = %s);"""

### Requête 177

#### Objet :

#### Sql :

sql = """INSERT INTO user\_right(id\_account, role, id\_type\_test\_point, insect, acqui\_system) VALUES ((SELECT id FROM account WHERE uname = %s), %s, (SELECT id FROM type\_test\_point WHERE ref = %s), %s, %s);"""

### Requête 178

#### Objet :

#### Sql :

sql = """INSERT INTO user\_right(id\_account, role, id\_type\_test\_point, insect) VALUES ((SELECT id FROM account WHERE uname = %s), %s, (SELECT id FROM type\_test\_point WHERE ref = %s), %s);"""

### Requête 179

#### Objet :

#### Sql :

sql = """INSERT INTO user\_right(id\_account, role, id\_type\_test\_point, acqui\_system) VALUES ((SELECT id FROM account WHERE uname = %s), %s, (SELECT id FROM type\_test\_point WHERE ref = %s), %s);"""

### Requête 180

#### Objet :

#### Sql :

sql = """INSERT INTO user\_right(id\_account, role, id\_type\_test\_point) VALUES ((SELECT id FROM account WHERE uname = %s), %s, (SELECT id FROM type\_test\_point WHERE ref = %s));"""

### Requête 181

#### Objet :

#### Sql :

sql = """DELETE FROM user\_right where id\_account = (SELECT id FROM account WHERE uname = %s) AND id\_type\_test\_point = (SELECT id FROM type\_test\_point WHERE ref = %s);"""

### Requête 182

#### Objet :

#### Sql :

sql = """SELECT \* FROM type\_intrinsic\_value WHERE ref = %s;"""

### Requête 183

#### Objet :

#### Sql :

sql = """INSERT INTO type\_intrinsic\_value(ref) VALUES (%s);"""

### Requête 184

#### Objet :

#### Sql :

sql = """SELECT \* FROM user\_right ur JOIN account ac ON ac.id = ur.id\_account JOIN type\_intrinsic\_value tc ON tc.id = ur.id\_type\_intrinsic\_value WHERE ac.uname = %s AND tc.ref = %s"""

### Requête 185

#### Objet :

#### Sql :

sql = """UPDATE user\_right ur

SET role = %s

WHERE ur.id\_account = (SELECT id FROM account WHERE uname = %s) AND ur.id\_type\_intrinsic\_value = (SELECT id FROM type\_intrinsic\_value WHERE ref = %s);"""

### Requête 186

#### Objet :

#### Sql :

sql = """INSERT INTO user\_right(id\_account, role, id\_type\_intrinsic\_value, insect, acqui\_system) VALUES ((SELECT id FROM account WHERE uname = %s), %s, (SELECT id FROM type\_intrinsic\_value WHERE ref = %s), %s, %s);"""

### Requête 187

#### Objet :

#### Sql :

sql = """INSERT INTO user\_right(id\_account, role, id\_type\_intrinsic\_value, insect) VALUES ((SELECT id FROM account WHERE uname = %s), %s, (SELECT id FROM type\_intrinsic\_value WHERE ref = %s), %s);"""

### Requête 188

#### Objet :

#### Sql :

sql = """INSERT INTO user\_right(id\_account, role, id\_type\_intrinsic\_value, acqui\_system) VALUES ((SELECT id FROM account WHERE uname = %s), %s, (SELECT id FROM type\_intrinsic\_value WHERE ref = %s), %s);"""

### Requête 189

#### Objet :

#### Sql :

sql = """INSERT INTO user\_right(id\_account, role, id\_type\_intrinsic\_value) VALUES ((SELECT id FROM account WHERE uname = %s), %s, (SELECT id FROM type\_intrinsic\_value WHERE ref = %s));"""

### Requête 190

#### Objet :

#### Sql :

sql = """DELETE FROM user\_right where id\_account = (SELECT id FROM account WHERE uname = %s) AND id\_type\_intrinsic\_value = (SELECT id FROM type\_intrinsic\_value WHERE ref = %s);"""

### Requête 191

#### Objet :

#### Sql :

sql = """SELECT ac.orga, ac.fname, ac.lname, (CASE

WHEN ur.id\_test\_mean IS NOT NULL THEN CONCAT(tm.name, '\_', tm.number)

WHEN ur.id\_type\_coating IS NOT NULL THEN tc.ref

WHEN ur.id\_type\_detergent IS NOT NULL THEN td.ref

WHEN ur.id\_type\_tank IS NOT NULL THEN tt.ref

WHEN ur.id\_type\_sensor IS NOT NULL THEN ts.ref

WHEN ur.id\_type\_ejector IS NOT NULL THEN te.ref

WHEN ur.id\_type\_camera IS NOT NULL THEN tca.ref

WHEN ur.id\_type\_test\_point IS NOT NULL THEN ttp.ref

WHEN ur.id\_type\_intrinsic\_value IS NOT NULL THEN tiv.ref

WHEN ur.insect = 'Yes' THEN 'insect'

WHEN ur.acqui\_system = 'Yes' THEN 'acquisition' END) AS object, ac.uname

FROM account ac

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

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

LEFT JOIN type\_coating tc ON tc.id = ur.id\_type\_coating

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 LOWER(ur.role) = 'admin'

"""

### Requête 192

#### 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\_coating IS NOT NULL THEN CONCAT('coating', '-', tc.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 'insect'

WHEN ur.acqui\_system = 'Yes' THEN '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\_coating tc ON tc.id = ur.id\_type\_coating

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 193

#### Objet :

#### Sql :

sql = """SELECT DISTINCT type

FROM test\_mean;

"""

### Requête 194

#### Objet :

#### Sql :

sql = """SELECT uname, fname, lname, orga, tel, email, password

FROM account;

"""

### Requête

#### Objet :

#### Sql :

### Requête

#### Objet :

#### Sql :

### Requête

#### Objet :

#### Sql :

### Requête

#### Objet :

#### Sql :

### Requête

#### Objet :

#### Sql :

### Requête

#### Objet :

#### Sql :

### Requête

#### Objet :

#### Sql :

### Requête

#### Objet :

#### Sql :

### Requête

#### Objet :

#### Sql :

### Requête

#### Objet :

#### Sql :

### Requête

#### Objet :

#### Sql :

### Requête

#### Objet :

#### Sql :

### Requête

#### Objet :

#### Sql :

### Requête

#### Objet :

#### Sql :

### Requête

#### Objet :

#### Sql :

### Requête

#### Objet :

#### Sql :