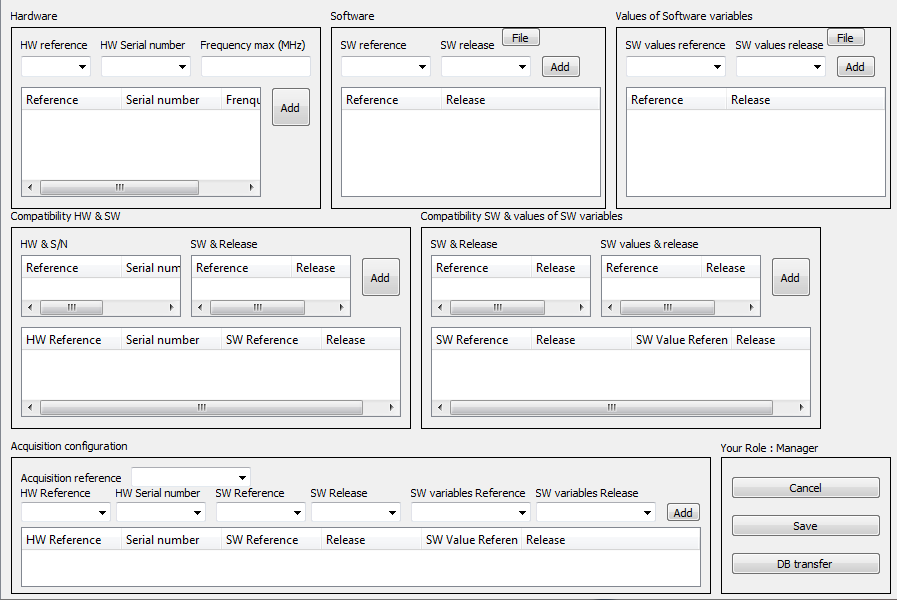
# Liste de requêtes à la BDD

## Fichier acqui\_configuration.py



### Requête 1

#### Objet :

Pour l’utilisateur (%s), on recherche son rôle selon le cas de ses attributions

#### 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 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\_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 2

#### Objet:

#### Sql:

sql = """SELECT CONCAT(ac.ref, '\_', ac.number, ' ', to\_char(ac.date, 'DD/MM/YYYY')) FROM acquisition\_config ac WHERE ac.number = (SELECT MAX(number) FROM acquisition\_config);"""

### Requête 3

#### Objet:

Récupérer les informations HW, SW et valeur SW pour la configuration de l’acquisition -arguments acc.ref ( ?) & acc.number ( ?)

#### Sql:

sql = """SELECT hw.ref, hw.number, hw.f\_max, sw.ref, sw.release, sw\_val.ref, sw\_val.release

FROM hardware hw

JOIN config\_on\_acqui coa ON coa.id\_hardware = hw.id

JOIN software sw ON coa.id\_software = sw.id

JOIN software\_value sw\_val ON coa.id\_software\_value = sw\_val.id

JOIN acquisition\_config acc ON acc.id = coa.id\_acquisition\_config

WHERE acc.ref = %s AND acc.number = %s;

"""

### Requête 3

#### Objet:

Recherche de la dernière configuration d’acquisition.

#### Sql:

sql = """SELECT number, TO\_CHAR(date, 'DD/MM/YYYY') FROM acquisition\_config WHERE number = (SELECT MAX(number) FROM acquisition\_config);"""

### Requête 4

#### Objet:

Récupérer les informations HW, SW et valeur SW pour la configuration de l’acquisition -argument acc.number ( ?)

#### Sql:

sql = """SELECT hw.ref, hw.number, hw.f\_max, sw.ref, sw.release, swVal.ref, swVal.release

FROM hardware hw

JOIN config\_on\_acqui coa ON coa.id\_hardware = hw.id

JOIN software sw ON sw.id = coa.id\_software

JOIN software\_value sw\_val ON coa.id\_software\_value = sw\_val.id

JOIN acquisition\_config ac ON coa.id\_acquisition\_config = ac.id

WHERE ac.number = %s;

"""

### Requête 5

#### Objet:

Récupérer toutes les informations de la configuration d’acquisition – argument (ref & number).

#### Sql:

"""SELECT \* FROM acquisition\_config WHERE ref = %s AND number = %s;"""

### Requête 6

#### Objet:

Declarer une nouvelle configuration avec comme argument nom de la configuration, numéro interne & date

#### Sql:

sql = """INSERT INTO acquisition\_config(ref, number, date) VALUES (%s, %s, %s);"""

### requête 7

#### objet:

écrire dans la base le contenu de la configuration

#### sql:

sql = """INSERT INTO config\_on\_acqui(id\_hardware, id\_software, id\_software\_val, id\_acquisition\_config) VALUES ((SELECT id FROM hardware WHERE ref = %s AND number = %s), (SELECT id )"""

Il ne semble pas y avoir d’execute

### Requête 8

#### Objet :

#### Sql :

insert\_query = 'INSERT INTO hardware (ref, number, f\_max) VALUES {}'.format(records\_list\_template)

### Requête 9

#### Objet :

#### Sql :

insert\_query = 'INSERT INTO software (ref, release) VALUES {}'.format(records\_list\_template)

### Requête 10

#### Objet :

#### Sql :

insert\_query = 'INSERT INTO software\_value (ref, release) VALUES {}'.format(records\_list\_template)

### Requête 11

#### Objet :

#### Sql :

sql = """INSECT INTO hardware\_software (id\_hardware, id\_software) VALUES ((SELECT id FROM hardware WHERE ref = %s AND number = %s), (SELECT id FROM software WHERE ref = %s AND release = %s));"""

### Requête 12

#### Objet :

#### Sql :

sql = """INSECT INTO software\_value\_software (id\_software, id\_software) VALUES ((SELECT id FROM hardware WHERE ref = %s AND number = %s), (SELECT id FROM software WHERE ref = %s AND release = %s));"""

### Requête 13

#### Objet :

#### Sql :

sql = """SELECT hw.ref, hw.number, hw.f\_max

FROM hardware hw;

"""

### Requête 14

#### Objet :

#### Sql :

sql = """SELECT sw.ref, sw.release

FROM software sw;

"""

### Requête 15

#### Objet :

#### Sql :

sql = """SELECT sw\_val.ref, sw\_val.release

FROM software\_value sw\_val;

"""

### Requête 16

#### Objet :

#### Sql :

sql = """SELECT sw.ref, sw.release

FROM software sw

JOIN hardware\_software hw\_sw ON sw.id = hw\_sw.id\_software

JOIN hardware hw ON hw\_sw.id\_hardware = hw.id

WHERE hw.ref = %s AND hw.number = %s;

"""

### Requête 17

#### Objet :

Sql

sql = """SELECT sw\_val.ref, sw\_val.release

FROM software\_value sw\_val

JOIN software\_value\_software sw\_v\_sw ON sw\_val.id = sw\_v\_sw.id\_software\_value

JOIN software sw ON sw\_v\_sw.id\_hardware = sw.id

WHERE sw.ref = %s AND sw.release = %s;

"""

### Requête 18

#### Objet :

#### Sql :

sql = """SELECT hw.ref, hw.number, hw.f\_max, sw.ref, sw.release, sw\_val.ref, sw\_val.release

FROM hardware hw

JOIN config\_on\_acqui coa ON coa.id\_hardware = hw.id

JOIN software sw ON coa.id\_software = sw.id

JOIN software\_value sw\_val ON coa.id\_software\_value = sw\_val.id;

"""

### Requête

#### Objet :

#### Sql :

### Requête

#### Objet :

#### Sql :

### Requête

#### Objet :

#### Sql :

### Requête

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#### Objet :

#### Sql :