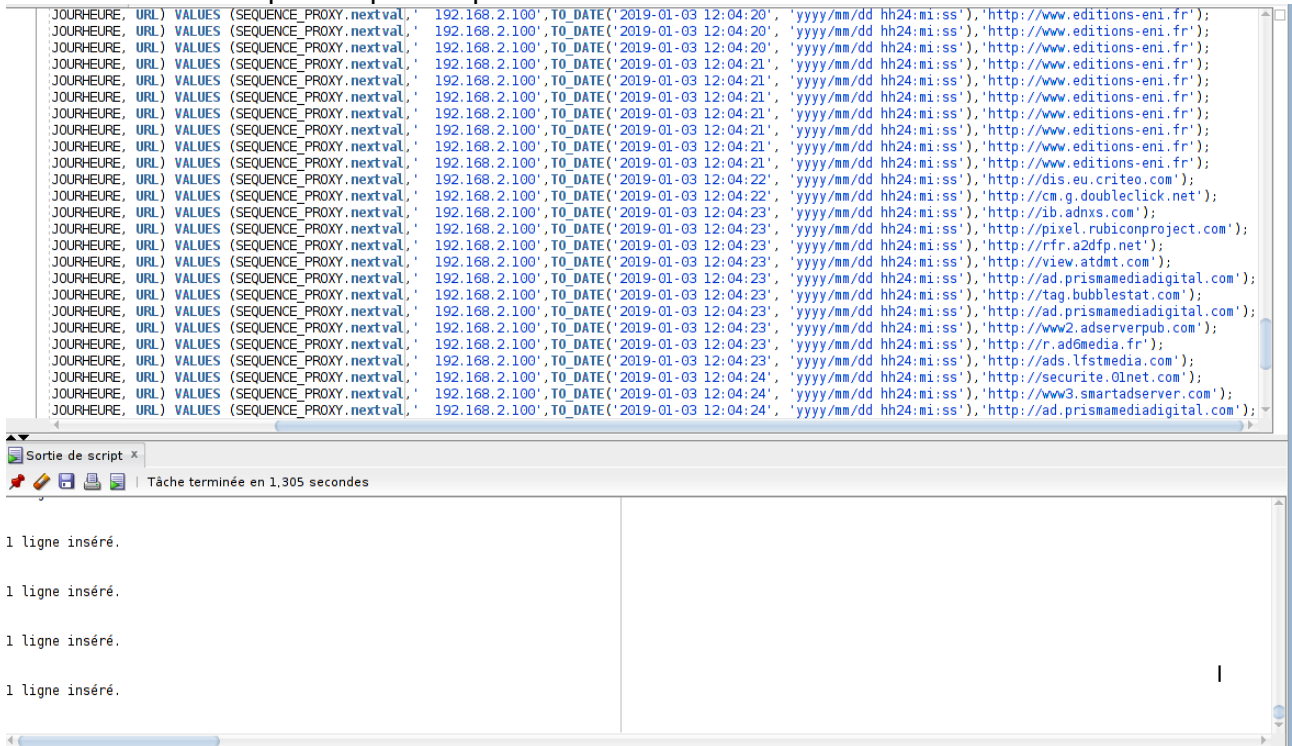


Etape 7		
Antoine Lecomte, Mathieu Vinet	Projet Python	1SIOB

## Exécution des scripts SQL d'insertion puis test des requêtes SQL

Ici voici donc les requêtes sql correspondant à la date 2019-01-03



ID	ADRESSEIP	JOURHEURE	URL
1	494 192.168.2.100	03/01/2019 12:04:19	http://www.editions-eni.fr
2	495 192.168.2.100	03/01/2019 12:04:19	http://www.editions-eni.fr
3	496 192.168.2.100	03/01/2019 12:04:19	http://www.editions-eni.fr
4	497 192.168.2.100	03/01/2019 12:04:19	http://www.editions-eni.fr
5	498 192.168.2.100	03/01/2019 12:04:19	http://www.editions-eni.fr
6	499 192.168.2.100	03/01/2019 12:04:19	http://www.editions-eni.fr
7	500 192.168.2.100	03/01/2019 12:04:19	http://www.editions-eni.fr
8	501 192.168.2.100	03/01/2019 12:04:19	http://www.google-analytics.com
9	502 192.168.2.100	03/01/2019 12:04:19	http://www.editions-eni.fr
10	503 192.168.2.100	03/01/2019 12:04:19	http://widget.criteo.com
11	504 192.168.2.100	03/01/2019 12:04:19	http://www.editions-eni.fr
12	505 192.168.2.100	03/01/2019 12:04:19	http://logi7.xiti.com
13	506 192.168.2.100	03/01/2019 12:04:19	http://www.editions-eni.fr
14	507 192.168.2.100	03/01/2019 12:04:20	http://www.editions-eni.fr

Donc ici nous pouvons constater que les requêtes ont bien intégrer les valeurs

Ici voici donc les requêtes sql correspondant à la date 2019-01-04

```

INSERT INTO PROXY (ID, ADRESSEIP, JOURHEURE, URL) VALUES (SEQUENCE_PROXY.nextval, '192.168.2.100', TO_DATE('2019-01-04 11:30:37', 'yyyy/mm/dd hh24:mi:ss'), 'h
INSERT INTO PROXY (ID, ADRESSEIP, JOURHEURE, URL) VALUES (SEQUENCE_PROXY.nextval, '192.168.2.100', TO_DATE('2019-01-04 11:30:38', 'yyyy/mm/dd hh24:mi:ss'), 'h
INSERT INTO PROXY (ID, ADRESSEIP, JOURHEURE, URL) VALUES (SEQUENCE_PROXY.nextval, '192.168.2.100', TO_DATE('2019-01-04 11:30:38', 'yyyy/mm/dd hh24:mi:ss'), 'h
INSERT INTO PROXY (ID, ADRESSEIP, JOURHEURE, URL) VALUES (SEQUENCE_PROXY.nextval, '192.168.2.100', TO_DATE('2019-01-04 11:30:38', 'yyyy/mm/dd hh24:mi:ss'), 'h
INSERT INTO PROXY (ID, ADRESSEIP, JOURHEURE, URL) VALUES (SEQUENCE_PROXY.nextval, '192.168.2.100', TO_DATE('2019-01-04 11:30:39', 'yyyy/mm/dd hh24:mi:ss'), 'h
INSERT INTO PROXY (ID, ADRESSEIP, JOURHEURE, URL) VALUES (SEQUENCE_PROXY.nextval, '192.168.2.100', TO_DATE('2019-01-04 11:30:43', 'yyyy/mm/dd hh24:mi:ss'), 'h
INSERT INTO PROXY (ID, ADRESSEIP, JOURHEURE, URL) VALUES (SEQUENCE_PROXY.nextval, '192.168.2.100', TO_DATE('2019-01-04 11:30:43', 'yyyy/mm/dd hh24:mi:ss'), 'h
INSERT INTO PROXY (ID, ADRESSEIP, JOURHEURE, URL) VALUES (SEQUENCE_PROXY.nextval, '192.168.2.100', TO_DATE('2019-01-04 11:30:47', 'yyyy/mm/dd hh24:mi:ss'), 'h
INSERT INTO PROXY (ID, ADRESSEIP, JOURHEURE, URL) VALUES (SEQUENCE_PROXY.nextval, '192.168.2.100', TO_DATE('2019-01-04 11:30:47', 'yyyy/mm/dd hh24:mi:ss'), 'h
INSERT INTO PROXY (ID, ADRESSEIP, JOURHEURE, URL) VALUES (SEQUENCE_PROXY.nextval, '192.168.2.100', TO_DATE('2019-01-04 11:30:51', 'yyyy/mm/dd hh24:mi:ss'), 'h
INSERT INTO PROXY (ID, ADRESSEIP, JOURHEURE, URL) VALUES (SEQUENCE_PROXY.nextval, '192.168.2.100', TO_DATE('2019-01-04 11:30:52', 'yyyy/mm/dd hh24:mi:ss'), 'h
INSERT INTO PROXY (ID, ADRESSEIP, JOURHEURE, URL) VALUES (SEQUENCE_PROXY.nextval, '192.168.2.100', TO_DATE('2019-01-04 11:30:52', 'yyyy/mm/dd hh24:mi:ss'), 'h
INSERT INTO PROXY (ID, ADRESSEIP, JOURHEURE, URL) VALUES (SEQUENCE_PROXY.nextval, '192.168.2.100', TO_DATE('2019-01-04 11:30:52', 'yyyy/mm/dd hh24:mi:ss'), 'h
INSERT INTO PROXY (ID, ADRESSEIP, JOURHEURE, URL) VALUES (SEQUENCE_PROXY.nextval, '192.168.2.100', TO_DATE('2019-01-04 11:30:56', 'yyyy/mm/dd hh24:mi:ss'), 'h
INSERT INTO PROXY (ID, ADRESSEIP, JOURHEURE, URL) VALUES (SEQUENCE_PROXY.nextval, '192.168.2.100', TO_DATE('2019-01-04 11:30:56', 'yyyy/mm/dd hh24:mi:ss'), 'h
INSERT INTO PROXY (ID, ADRESSEIP, JOURHEURE, URL) VALUES (SEQUENCE_PROXY.nextval, '192.168.2.100', TO_DATE('2019-01-04 11:31:15', 'yyyy/mm/dd hh24:mi:ss'), 'h
INSERT INTO PROXY (ID, ADRESSEIP, JOURHEURE, URL) VALUES (SEQUENCE_PROXY.nextval, '192.168.2.100', TO_DATE('2019-01-04 11:32:09', 'yyyy/mm/dd hh24:mi:ss'), 'h
INSERT INTO PROXY (ID, ADRESSEIP, JOURHEURE, URL) VALUES (SEQUENCE_PROXY.nextval, '192.168.2.100', TO_DATE('2019-01-04 11:32:10', 'yyyy/mm/dd hh24:mi:ss'), 'h
INSERT INTO PROXY (ID, ADRESSEIP, JOURHEURE, URL) VALUES (SEQUENCE_PROXY.nextval, '192.168.2.100', TO_DATE('2019-01-04 11:32:10', 'yyyy/mm/dd hh24:mi:ss'), 'h
INSERT INTO PROXY (ID, ADRESSEIP, JOURHEURE, URL) VALUES (SEQUENCE_PROXY.nextval, '192.168.2.100', TO_DATE('2019-01-04 11:32:11', 'yyyy/mm/dd hh24:mi:ss'), 'h
INSERT INTO PROXY (ID, ADRESSEIP, JOURHEURE, URL) VALUES (SEQUENCE_PROXY.nextval, '192.168.2.100', TO_DATE('2019-01-04 11:32:12', 'yyyy/mm/dd hh24:mi:ss'), 'h
INSERT INTO PROXY (ID, ADRESSEIP, JOURHEURE, URL) VALUES (SEQUENCE_PROXY.nextval, '192.168.2.100', TO_DATE('2019-01-04 11:32:12', 'yyyy/mm/dd hh24:mi:ss'), 'h
INSERT INTO PROXY (ID, ADRESSEIP, JOURHEURE, URL) VALUES (SEQUENCE_PROXY.nextval, '192.168.2.100', TO_DATE('2019-01-04 11:32:12', 'yyyy/mm/dd hh24:mi:ss'), 'h
INSERT INTO PROXY (ID, ADRESSEIP, JOURHEURE, URL) VALUES (SEQUENCE_PROXY.nextval, '192.168.2.100', TO_DATE('2019-01-04 11:32:13', 'yyyy/mm/dd hh24:mi:ss'), 'h

```

Donc ici nous pouvons constater que les requêtes ont bien intégrer les valeurs

229	910	192.168.2.100	04/01/2019 11:30:38	http://download.cdn.mozilla.net
230	911	192.168.2.100	04/01/2019 11:30:38	http://freeradius.org
231	912	192.168.2.100	04/01/2019 11:30:38	http://pagead2.googlesyndicatio...
232	913	192.168.2.100	04/01/2019 11:30:39	http://www.google-analytics.com
233	914	192.168.2.100	04/01/2019 11:30:43	http://freeradius.org
234	915	192.168.2.100	04/01/2019 11:30:43	http://www.google-analytics.com
235	916	192.168.2.100	04/01/2019 11:30:47	http://wiki.freeradius.org
236	917	192.168.2.100	04/01/2019 11:30:47	http://wiki.freeradius.org
237	918	192.168.2.100	04/01/2019 11:30:47	http://wiki.freeradius.org
238	919	192.168.2.100	04/01/2019 11:30:51	http://wiki.freeradius.org
239	920	192.168.2.100	04/01/2019 11:30:52	http://wiki.freeradius.org
240	921	192.168.2.100	04/01/2019 11:30:52	http://wiki.freeradius.org
241	922	192.168.2.100	04/01/2019 11:30:52	http://wiki.freeradius.org
242	923	192.168.2.100	04/01/2019 11:30:56	http://freeradius.org
243	924	192.168.2.100	04/01/2019 11:30:56	http://www.google-analytics.com
244	925	192.168.2.100	04/01/2019 11:31:15	http://www.google.fr
245	926	192.168.2.100	04/01/2019 11:32:09	http://www.google.fr
246	927	192.168.2.100	04/01/2019 11:32:10	http://openvpn.se
247	928	192.168.2.100	04/01/2019 11:32:10	http://openvpn.se
248	929	192.168.2.100	04/01/2019 11:32:11	http://pagead2.googlesyndicatio...
249	930	192.168.2.100	04/01/2019 11:32:12	http://googleads.g.doubleclick.net

# Ici voici donc les requêtes sql correspondant à la date 2019-01-05

The screenshot displays a 'Query Builder' window with a list of 25 SQL queries. Each query follows a similar pattern: 'URHEURE, URL) VALUES (SEQUENCE\_PROXY.nextval, IP, TO\_DATE('2019-01-05 07:03:11', 'YYYY/MM/DD HH24:MI:SS'), 'http://asset1.cbsistatic.com');'. The IP addresses range from 192.168.2.100 to 192.168.2.1, and the URLs include various assets and services like 'http://www.cnet.com', 'http://www.lesquipe.fr', and 'http://download.mozilla.org'. Below the query list, a 'Sortie de script' window shows the execution status: 'Tâche terminée en 0,559 secondes' and four lines of output, each stating '1 ligne inséré.'

1	1069	192.168.2.100	05/01/2019 07:03:13	http://asset2.cbsistatic.com
2	1070	192.168.2.100	05/01/2019 07:03:13	http://asset0.cbsistatic.com
3	1071	192.168.2.100	05/01/2019 07:03:13	http://asset2.cbsistatic.com
4	1072	192.168.2.100	05/01/2019 07:03:13	http://asset2.cbsistatic.com
5	1073	192.168.2.100	05/01/2019 07:03:13	http://asset1.cbsistatic.com
6	1074	192.168.2.100	05/01/2019 07:03:13	http://asset2.cbsistatic.com
7	1075	192.168.2.100	05/01/2019 07:03:13	http://asset3.cbsistatic.com
8	1076	192.168.2.100	05/01/2019 07:03:13	http://asset3.cbsistatic.com
9	1077	192.168.2.100	05/01/2019 07:03:13	http://asset0.cbsistatic.com
10	1078	192.168.2.100	05/01/2019 07:03:13	http://asset1.cbsistatic.com
11	1079	192.168.2.100	05/01/2019 07:03:13	http://asset1.cbsistatic.com
12	1080	192.168.2.100	05/01/2019 07:03:13	http://asset2.cbsistatic.com
13	1081	192.168.2.100	05/01/2019 07:03:13	http://asset2.cbsistatic.com
14	1082	192.168.2.100	05/01/2019 07:03:13	http://asset2.cbsistatic.com
15	1083	192.168.2.100	05/01/2019 07:03:19	http://www.cnet.com
16	1084	192.168.2.100	05/01/2019 07:03:19	http://www.cnet.com
17	1085	192.168.2.1	05/01/2019 07:04:12	http://www.lequipe.fr
18	1086	192.168.2.1	05/01/2019 07:04:49	http://ocsp.digicert.com
19	1087	192.168.2.1	05/01/2019 07:04:49	http://ocsp.digicert.com
20	1088	192.168.2.1	05/01/2019 07:05:08	http://download.mozilla.org
21	1089	192.168.2.1	05/01/2019 07:05:14	http://www.lequipe.fr
22	1090	192.168.2.1	05/01/2019 07:05:15	http://download.cdn.mozilla.net
23	1091	192.168.2.1	05/01/2019 07:06:16	http://www.lequipe.fr
24	1092	192.168.2.1	05/01/2019 07:07:18	http://www.lequipe.fr

Donc ici nous pouvons constater que les requêtes ont bien intégrer les valeurs

Test des trois requêtes conçues à l'étape 5 :

1.

```
SELECT COUNT(*) AS NBre, URL
FROM PROXY
GROUP BY URL
ORDER BY NBre DESC;
```

Script terminé en 0,088 secondes

ne inséré.

NBRE	URL
60	http://www.editions-eni.fr
44	http://media.materiel.net
39	http://openvpn.net
31	http://www.materiel.net
18	http://asset1.cbsistatic.com
18	http://asset3.cbsistatic.com
12	http://asset2.cbsistatic.com
12	http://www.lequipe.fr
12	http://openvpn.se
9	http://asset0.cbsistatic.com
7	http://wiki.freeradius.org

NBRE	URL
7	http://www.google-analytics.com
6	http://ib.adnxs.com
6	http://www.google.com
6	http://googleads.g.doubleclick.net
5	http://mtro.com
4	http://www.google.fr
4	http://www.samba.org

2.

```
SELECT ADRESSEIP, COUNT(ADRESSEIP)
FROM PROXY
GROUP BY ADRESSEIP;
```

Sortie de script x | Tâche terminée en 0,029 secondes

```
1 http://static.content-square.net
1 http://ads.horyzon-media.com
1 http://js-agent.newrelic.com
1 http://ads.lfstmedia.com
```

59 lignes sélectionnées.

ADRESSEIP	COUNT(ADRESSEIP)
192.168.2.1	123
192.168.2.100	246

3.

```
SELECT NOM, PRENOM, JOURHEURE, URL
FROM SALARIES
INNER JOIN PROXY ON PROXY.ADRESSEIP=SALARIES.ADRESSEIP
WHERE JOURHEURE BETWEEN '03/01/2019 12:42:20' AND '04/01/2019 11:30:40'
AND URL = 'http://freeradius.org';
```

Sortie de script x | Résultat de requête x | Toutes les lignes extraites : 1 en 0,121 secondes

NOM	JOURHEURE	URL
1 LEJAUNE LAURENCE		http://freeradius.org