

Requêtes de vérification de disparition de transactions

Ces requêtes doivent être exécutées sur la base de données en production du client afin de prendre connaissance d'une possible disparition de transactions.

- Vérification de toutes les écritures historisées et leurs opérations manquantes sur une période

```
SELECT
```

```
  distinct ho.numero_operation AS numero_operation,  
  ho.date_created AS date_operation,  
  he.numero_operation AS historique_ecriture_numero_operation,  
  he.date_ecriture
```

```
FROM
```

```
  historique_ecriture he
```

```
LEFT JOIN
```

```
  historique_operation ho ON he.numero_operation = ho.numero_operation
```

```
WHERE
```

```
  ho.numero_operation IS NULL  
  AND EXTRACT(YEAR FROM he.date_created) in ('2023','2024')
```

```
ORDER BY
```

```
  he.date_ecriture DESC,  
  ho.date_created DESC;
```

- Nombre d'operations par mois sur une année données

```
SELECT
```

```
  EXTRACT(YEAR FROM o.date_created) AS Annee,  
  EXTRACT(MONTH FROM o.date_created) AS Mois,  
  COUNT(*) AS Nombre_transaction
```

```
FROM
```

operation o

WHERE

EXTRACT(YEAR FROM o.date_created) = '2022'

GROUP BY

EXTRACT(YEAR FROM o.date_created),
EXTRACT(MONTH FROM o.date_created)

ORDER BY

Annee,
Mois;

-
- Nombre d'opérations historisées par mois sur une année

SELECT

EXTRACT(YEAR FROM ho.date_created) AS Annee,
EXTRACT(MONTH FROM ho.date_created) AS Mois,
COUNT(*) AS Nombre_transaction

FROM

historique_operation ho

WHERE

EXTRACT(YEAR FROM ho.date_created) = '2023'

GROUP BY

EXTRACT(YEAR FROM ho.date_created),
EXTRACT(MONTH FROM ho.date_created)

ORDER BY

Annee,
Mois;

- Liste historique opérations sans écritures sur une années

```
SELECT

    ho.date_created,
    ho.numero_operation AS hist_operation,
    he.numero_operation as hist_ecriture_num0peration,
    he.date_ecriture

FROM

    historique_operation ho

LEFT JOIN

    historique_ecriture he ON ho.numero_operation = he.numero_operation

where

    EXTRACT(YEAR FROM ho.date_created) = '2020'
    and he.numero_operation is null

ORDER BY

    ho.date_created DESC,
    he.date_ecriture DESC;
```

- Historique opérations par mois et sur un intervalle d'années

```
SELECT

    EXTRACT(YEAR FROM ho.date_created) AS Annee,
    EXTRACT(MONTH FROM ho.date_created) AS Mois,
    COUNT(*) AS Nombre_transaction

FROM

    historique_operation ho

WHERE

    EXTRACT(YEAR FROM ho.date_created) IN ('2023', '2024')

GROUP BY

    EXTRACT(YEAR FROM ho.date_created), EXTRACT(MONTH FROM
```

```
ho.date_created)
```

```
ORDER BY
```

```
Annee, Mois;
```

- Les opérations sans leurs écritures

```
SELECT
```

```
o.id, o.date_created,  
o.numero_operation AS operation,  
e.operation_id as ecriture_operation_id,  
e.date_ecriture
```

```
FROM operation o LEFT JOIN
```

```
ecriture e ON o.id = e.operation_id
```

```
where
```

```
e.operation_id is null
```

```
ORDER BY
```

```
o.date_created,  
e.date_ecriture;
```

- Vérification de toutes les opérations historisées ayant un statut <validé> et qui sont sans écritures

```
SELECT
```

```
ho.numero_operation AS numero_operation,  
ho.date_created AS date_operation,  
he.numero_operation AS hist_ecriture_numOperation,  
he.date_ecriture,  
ho.statut AS statut
```

```
FROM
```

```
historique_operation ho
```

LEFT JOIN

historique_ecriture he ON ho.numero_operation = he.numero_operation

WHERE

ho.statut = 'VA'
AND he.numero_operation IS NULL

ORDER BY

he.date_ecriture ASC,
ho.date_created ASC;

- Liste des opérations et leurs nombres d'écritures

SELECT

EXTRACT(YEAR FROM o.date_created) AS Annee,
EXTRACT(MONTH FROM o.date_created) AS Mois,
COUNT(*) AS Nombre_transaction,
(SELECT
COUNT(*)
FROM
ecriture e
WHERE
EXTRACT(YEAR FROM e.date_created) = '2024'
AND EXTRACT(MONTH FROM e.date_created) = EXTRACT(MONTH FROM
o.date_created)
) AS nombre_ecriture

FROM

operation o

WHERE

EXTRACT(YEAR FROM o.date_created) = '2024'

GROUP BY

EXTRACT(YEAR FROM o.date_created), EXTRACT(MONTH FROM o.date_created)

ORDER BY

Annee, Mois;

- Liste des opérations historisées et leurs nombres d'écritures

SELECT

```
EXTRACT(YEAR FROM ho.date_created) AS Annee,  
EXTRACT(MONTH FROM ho.date_created) AS Mois,  
COUNT(*) AS Nombre_transaction,  
(SELECT  
    COUNT(*)  
    FROM  
        historique_ecriture he  
    WHERE  
        EXTRACT(YEAR FROM he.date_created) = '2023'  
        AND EXTRACT(MONTH FROM he.date_created) = EXTRACT(MONTH FROM  
ho.date_created)  
    ) AS Nombre_historique_ecriture
```

FROM

historique_operation ho

WHERE

EXTRACT(YEAR FROM ho.date_created) = '2023'

GROUP BY

EXTRACT(YEAR FROM ho.date_created), EXTRACT(MONTH FROM
ho.date_created)

ORDER BY

Annee, Mois;

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