

How to delete duplicated calls from the database

Description:

How to delete duplicated calls from the database.

ATTENTION!

This procedure MUST be run only by the SQL database server IT manager, it is NOT reversible.

1. Install Microsoft SQL Management Studio, (Setup and Documentation are available free on Microsoft web site)
2. **Make a security backup of the database** (it preserves from accidental data loss)
3. Use the queries below to delete duplicated calls

Applies to: Imagicle Application Suite start from Spring 2020.3.1

Query to delete EXTERNAL duplicated calls:

NOTE: change SXXX into your site code (ie. SITI) and 'yyyy-mm-dd 00:00:00' and 'yyyy-mm-dd 00:00:00' with your date range

```
WITH temp AS (
    SELECT
        c.[lPKId],
        ROW_NUMBER() OVER (
            PARTITION BY
                c.[dData],
                c.[dOra],
                c.[dDurata],
                c.[sSito],
                c.[sDerivato],
                c.[sNumero]
            ORDER BY
                c.[lPKId]
        ) AS rowNumber
    FROM [dbo].[Chiamate] c
    WHERE c.[sSito] = 'SXXX'
        AND c.[dData] BETWEEN 'yyyy-mm-dd 00:00:00' AND 'yyyy-mm-dd 00:00:00'
)
DELETE FROM [BibCalls]
WHERE [Id] IN (
    SELECT [lPKId]
    FROM temp
    WHERE rowNumber > 1
);
```

Query to delete INTERNAL duplicated calls:

NOTE: change 'yyyy-mm-dd 00:00:00' and 'yyyy-mm-dd 00:00:00' with your date range

```
WITH temp AS (
    SELECT
        c.[lPKId],
        ROW_NUMBER() OVER (
            PARTITION BY
                c.[dData],
                c.[dOra],
                c.[dDurata],
                c.[sSito],
                c.[sDerivato],
                c.[sNumero]
            ORDER BY
                c.[lPKId]
        ) AS rowNumber
    FROM [dbo].[Chiamate] c
    WHERE c.[sSito] = 'SXXX'
        AND c.[dData] BETWEEN 'yyyy-mm-dd 00:00:00' AND 'yyyy-mm-dd 00:00:00'
)
DELETE FROM [BibCalls]
WHERE [Id] IN (
    SELECT [lPKId]
    FROM temp
    WHERE rowNumber > 1
);
```

```
) AS rowNumber
FROM [dbo].[ChiamateInterne] c
WHERE c.[sSito] = 'SITE'
    AND c.[dData] BETWEEN 'yyyy-mm-dd 00:00:00' AND 'yyyy-mm-dd 00:00:00'
)
DELETE FROM [BibCalls]
WHERE [Id] IN (
    SELECT [lPKId]
    FROM temp
    WHERE rowNumber > 1
);


---


```

Applies to: Imagicle Application Suite older than Spring 2020.3.1***Query to delete EXTERNAL duplicated calls:***

NOTE: change SXXX into your site code (ie. SITI) and 'yyyy-mm-dd 00:00:00' and 'yyyy-mm-dd 00:00:00' with your date range

```
delete from chiamate
WHERE lPKId not in
( SELECT Max(C2.lPKId) FROM CHIAMATE as C2
WHERE CHIAMATE.dData = C2.dData
AND CHIAMATE.dOra = C2.dOra
AND CHIAMATE.dDurata = C2.dDurata
and CHIAMATE.sSito = c2.sSito
and CHIAMATE.sNumero = c2.sNumero )
and sSito = 'SXXX'
and dData between 'yyyy-mm-dd 00:00:00' and 'yyyy-mm-dd 00:00:00'
```

Query to delete INTERNAL duplicated calls:

NOTE: change 'yyyy-mm-dd 00:00:00' and 'yyyy-mm-dd 00:00:00' with your date range

```
delete from chiamateinterne
WHERE lPKId not in
( SELECT Max(C2.lPKId) FROM CHIAMATEInterne as C2
WHERE CHIAMATEinterne.dData = C2.dData
AND CHIAMATEinterne.dOra = C2.dOra
AND CHIAMATEinterne.dDurata = C2.dDurata
and CHIAMATEinterne.sSito = c2.sSito
and CHIAMATEinterne.sDerivato = c2.sDerivato
and CHIAMATEinterne.sNumero = c2.sNumero )
and sSito = 'SITE'
and dData between 'yyyy-mm-dd 00:00:00' and 'yyyy-mm-dd 00:00:00'
```