Creating a consistency query

Principle

A consistency query is used to find anomalies in the data. Technically, the same result could be obtained by constructing a simple consultation, but it is often easier to express the criteria that records must meet than those that they must not meet.

The steps for creating a consistency query are identical to those for a consultation, except for one difference: the choice of filters.

In the criteria entry interface, we find the classic tools (see dedicated page), with in addition a button: It allows you to copy a selected criterion from the If… area to the Then… area or vice versa.

Contrary to consultation, there are 2 zones to enter criteria:
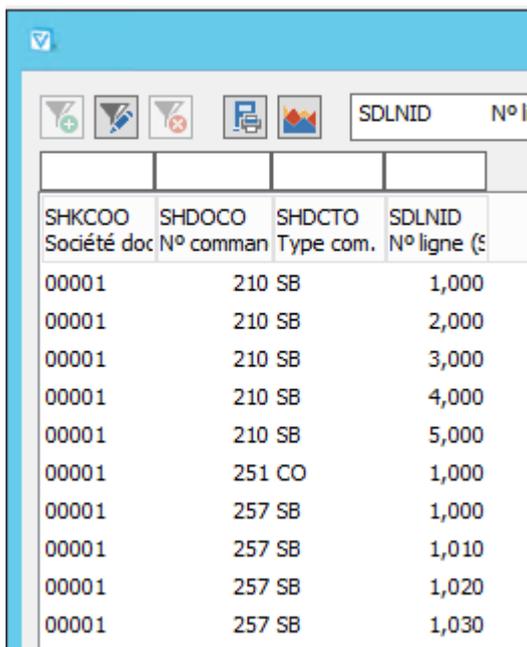
- **IF …**
- **Then…**

⚠️ it's mandatory to enter **at least** a criterion in If… and one in Then…

Example

- Criterion If... ⇒ SHKCOO = '00001'.
- Criterion Then ⇒ SHDCTO = 'SQ'

Case 1

- Criterion If... set to Respected.
- Criterion Then... set on Respected ⇒ We get the records for which SHKCOO = '00001' and SHDCTO <> 'SQ'.

Case 2

- Criterion If... set to Respected.
- Criterion Then... positioned on Not respected ⇒ We retrieve the records for which SHKCOO = '00001' and SHDCTO = 'SQ'.

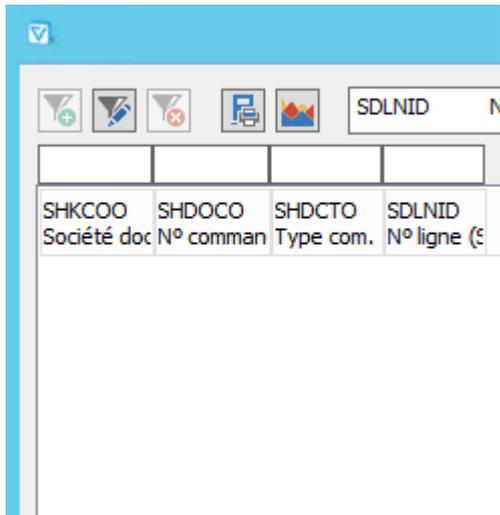| SHKCOO Société doc	SHDOCO N° comman	SHDCTO Type com.	SDLNID N° ligne (S
00001	121	SQ	1,000
00001	121	SQ	2,000
00001	121	SQ	3,000
00001	121	SQ	4,000
00001	121	SQ	5,000
00001	150	SQ	1,000
00001	151	SQ	1,000
00001	151	SQ	1,010
00001	151	SQ	1,020
00001	151	SQ	1,030
00001	151	SQ	1,040

Case 3

- Criterion `If` … set to `Not met`.
- Criterion `So…` positioned on `Respected` ⇒ We retrieve the records for which SHKCOO <> '00001' and SHDCTO <> 'SQ'…

SHKCOO Société doc	SHDOCO N° comman	SHDCTO Type com.	SDLNID N° ligne (S
00200	250	CO	1,000
00200	255	CO	1,000
00200	256	SB	1,000
00200	803	ST	1,000
00200	2401	SO	1,000
00200	2401	SO	2,000
00200	2401	SO	3,000
00200	2401	SO	4,000
00200	2401	SO	5,000
00200	2401	SO	6,000
00200	2401	SO	7,000
00200	2401	SO	8,000

Case 4

- Criterion `If` … set to `Not met`.
- Criterion `Then…` positioned on `Not respected` ⇒ We retrieve the records for which SHKCOO <> '00001' and SHDCTO = 'SQ' (in this case none)

SHKCOO	SHDOCO	SHDCTO	SDLNID
Société doc	Nº comman	Type com.	Nº ligne (S