

# 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 [inquiry](#), 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 [inquiry](#), 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.

Change a query (Cohérence Clé GL Articles)

Extract inconsistent data related to the following rule :

If...

Match       Not match

=      SHKCOO (F4201) = '00001'

Add... Duplicate Change... Delete

Then...

Match       Not match

=      SHDCTO (F4201) = 'SQ'

Add... Duplicate Change... Delete

< Back      Next >      Cancel

Contrary to inquiry, there are 2 zones to enter criteria:

- **IF ...**
- **Then...**



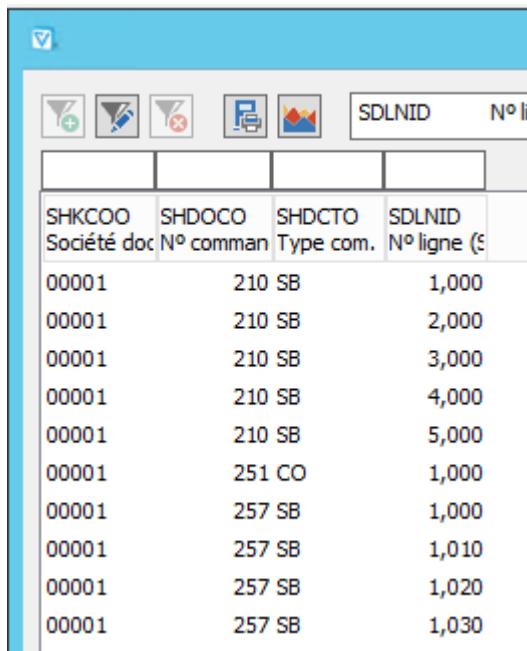
it's mandatory to enter **at least** a criterion in If... and one in Then...

## 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'.



SHKCOO Société doc	SHDOCO Nº command	SHDCTO Type com.	SDLNID Nº ligne (€)
00001	210 SB	1,000	
00001	210 SB	2,000	
00001	210 SB	3,000	
00001	210 SB	4,000	
00001	210 SB	5,000	
00001	251 CO	1,000	
00001	257 SB	1,000	
00001	257 SB	1,010	
00001	257 SB	1,020	
00001	257 SB	1,030	

### 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	SHDOCO	SHDCTO	SDLNID	N° ligne (S)
Société doc	Nº command	Type com.		
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	SHDOCO	SHDCTO	SDLNID	N° ligne (S)
Société doc	Nº command	Type com.		
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)

The screenshot shows a software application window with a blue header bar. Below the header is a toolbar with several icons: a green plus sign, a red minus sign, a blue pencil, a red X, a blue square, and a blue document icon. To the right of the toolbar is a text input field containing "SDLNID". Below the toolbar is a table with four columns labeled "SHKCOO", "SHDOCO", "SHDCTO", and "SDLNID". A fifth column is partially visible. The first row of the table contains the text "Société doc", "Nº comman", "Type com.", and "Nº ligne (S)".

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