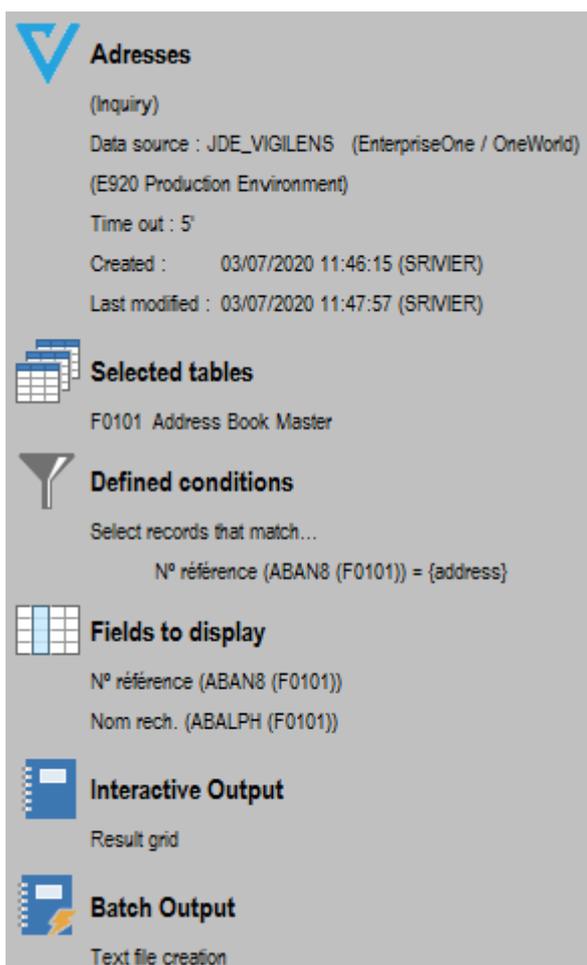# Linked Queries

Usage

Linked queries, or Drill-Down, are a powerful way to improve the user experience.

In a query grid, rather than constantly accumulating new columns, it is better to let the user choose to "zoom in" on a record to get more detail. The grids flow seamlessly into each other.

Example

Prerequisites

We start by constructing a first query which, for an address code (ABAN8) accepts a parameter ({address}) and returns the information of this address. Here is an overview of its properties

In a second step, another query is created that gives all the customer orders. This query returns, among other things, the address codes of the recipient (SHSHAN), the parent company (SHPA8) and the ordering company (SHAN8).

Orders

(Inquiry)

Data source : JDE_VIGILENS   (EnterpriseOne / OneWorld)

(E920 Production Environment)

Time out : 5'

Created : 03/07/2020 11:45:17 (SRIVIER)

Selected tables

F4201 Sales Order Header File
F4211 Sales Order Detail File

Tables join

Société doc. (SHKCOO (F4201))   = Société doc. (SDKCOO (F4211))
Nº commande (SHDOCO (F4201)) = Nº commande (SDDOCO (F4211))
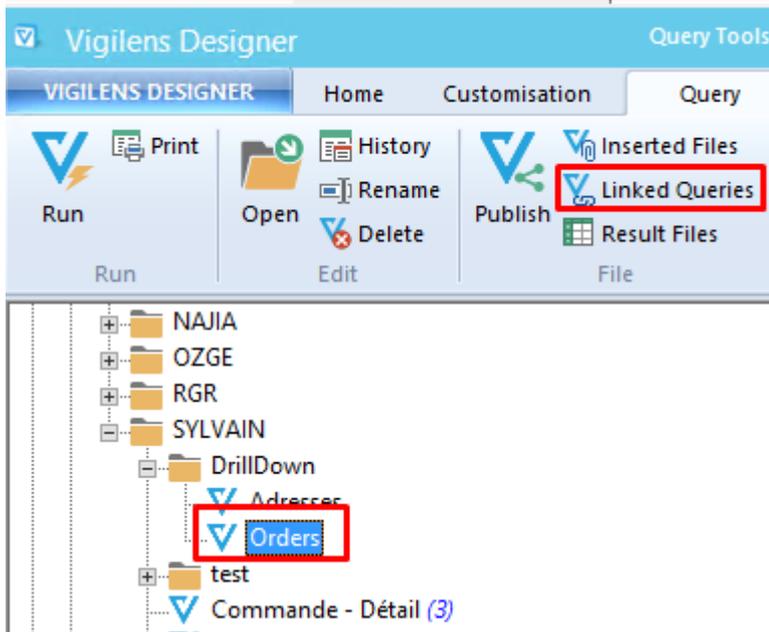Type com. (SHDCTO (F4201))   = Type com. (SDDCTO (F4211))

Fields to display

Société doc. (SHKCOO (F4201))

Nº commande (SHDOCO (F4201))

Type com. (SHDCTO (F4201))

Acheteur (SHAN8 (F4201))

Dest. (SHSHAN (F4201))

N° soc. mère (SHPA8 (F4201))

Nº ligne (SDLNID (F4211))

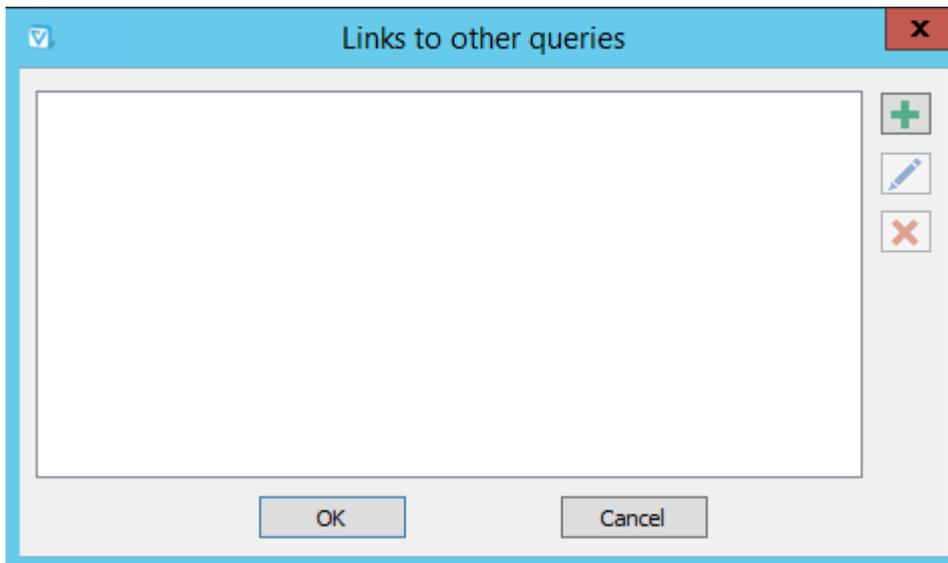**Interactive Output**

Result grid

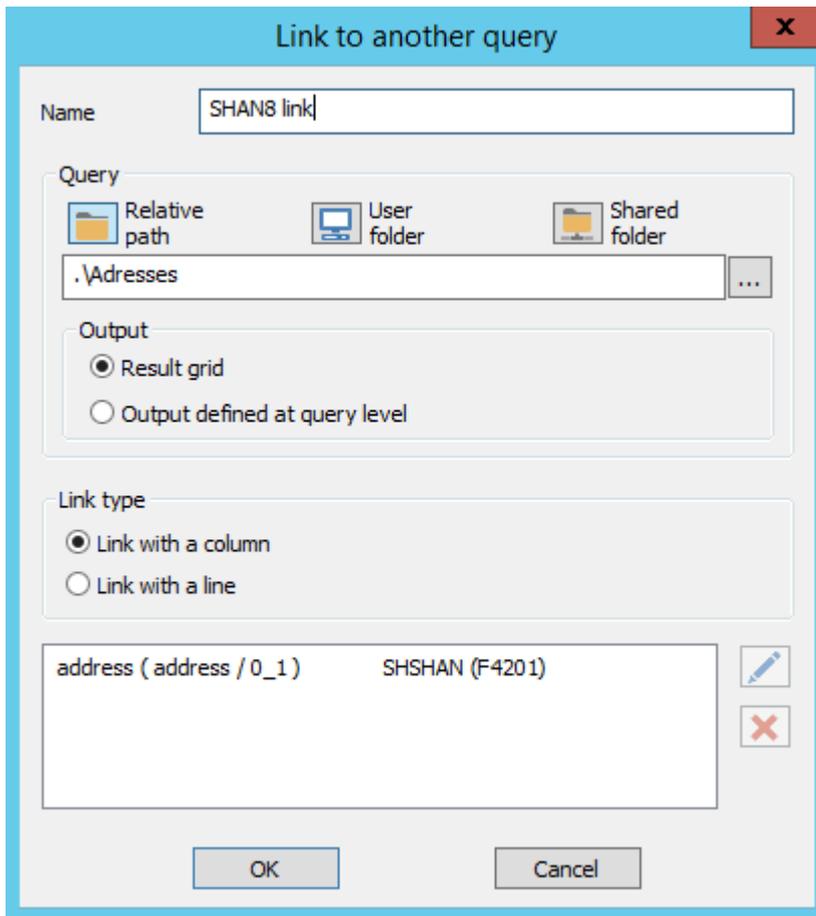**Batch Output**

Text file creation

Link queries

- select the order query in the pannel
- click `Linked queries` button.

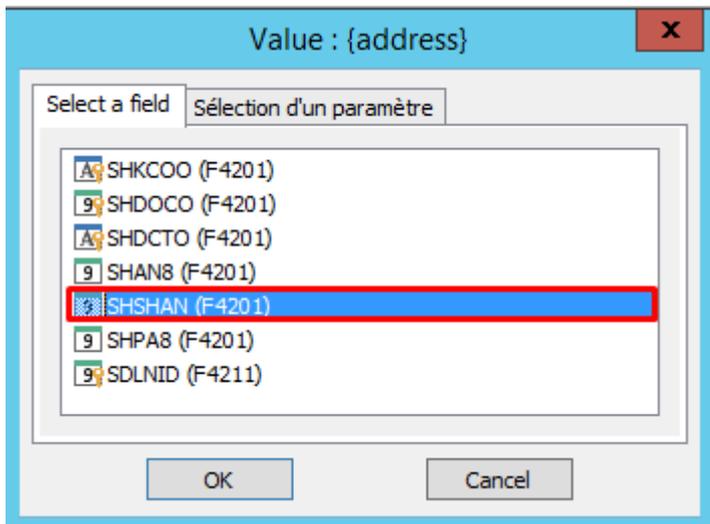The following screen allow you to add a new link with button.

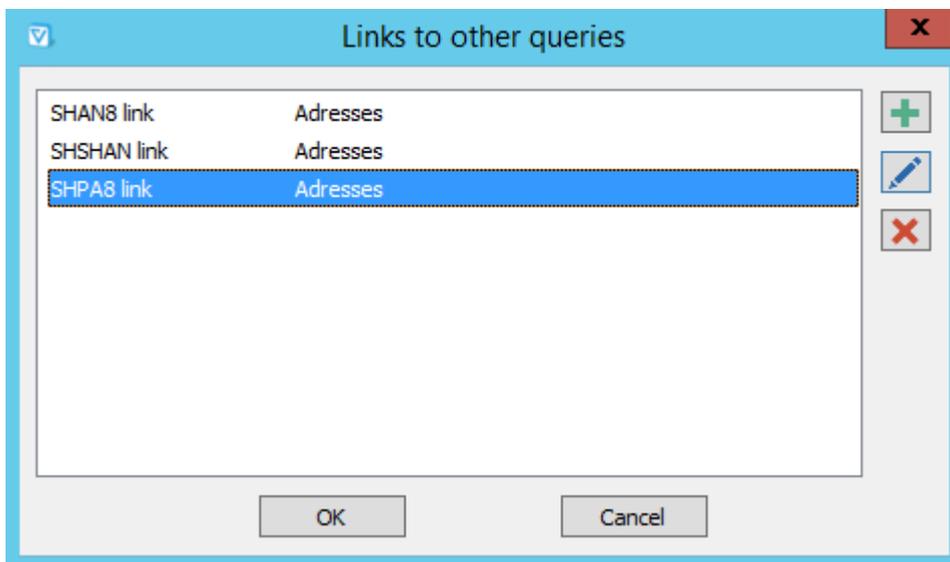The setup windows opens and you can define link parameters.

You must specify :

- A name for this link.
- Choose if the path will be :
    - Absolute to the user directory (e.g. `\EQUIPE\SYLVAIN\DrillDown\Adresses`).
    - Absolute versus shared directory (e.g., `\EQUIPE\SYLVAIN\DrillDown\Adresses`).
    - Relative (e.g., `.\Adresses`)
- output type :
    - Either a consultation grid
    - or the type that is specified at the level of the query called
- The kind of connection:
- Link on a column
- Link on one line

- the bottom of the window let you manage parameters mapping, using button.

We can link several times the same query called. In our case we will link the 3 address code fields available in our Orders query:

In the preview you can see a new item:

From now on, if we execute the parent query (Orders), we will have a new contextual menu, accessible by right-clicking, to consult the address information for one of the 3 possible columns.

Orders

SHKCOO Order Comp	SHDOCO Order Numb	SHDCTO Order Type	SHAN8 Sold To (S	SHSHAN Ship To (Sa	SHPA8 Parent Nt	SDLNID Line Numb	
00001	121	SQ	4242	4242	4242	1,000	
00001	121	SQ	4242	4242	4242	2,000	
00001	121	SQ	4242	4242	4242	3	SHAN8 link
00001	121	SQ	4242	4242	4242	4	SHSHAN link
00001	121	SQ	4242	4242	4242	5	SHPA8 link
00001	150	SQ	4242	4242	4242	1	

SDLNID   Line Number (Sales Order Detail File)

Number of records :   2329

Close

Adresses (4242)

ABALPH   Alpha Name (Address Book Master)

ABAN8 Address I	ABALPH Alpha Name (Ad
4242	Capital System

Number of records :   1

Close