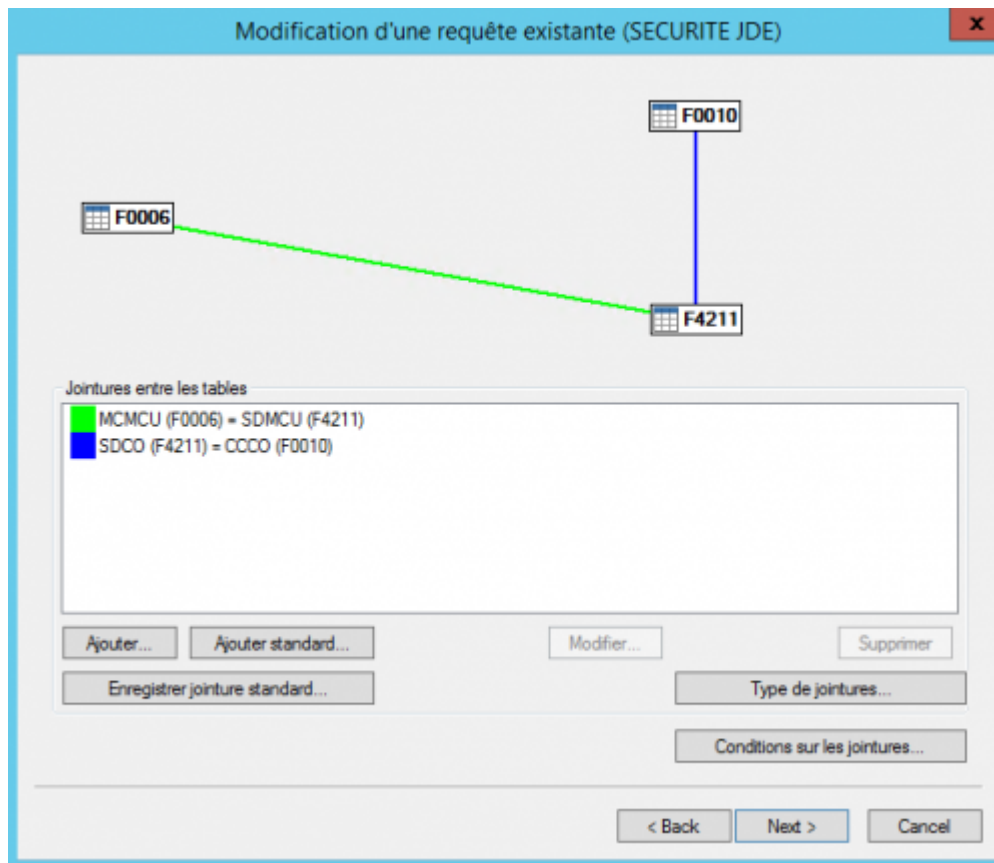
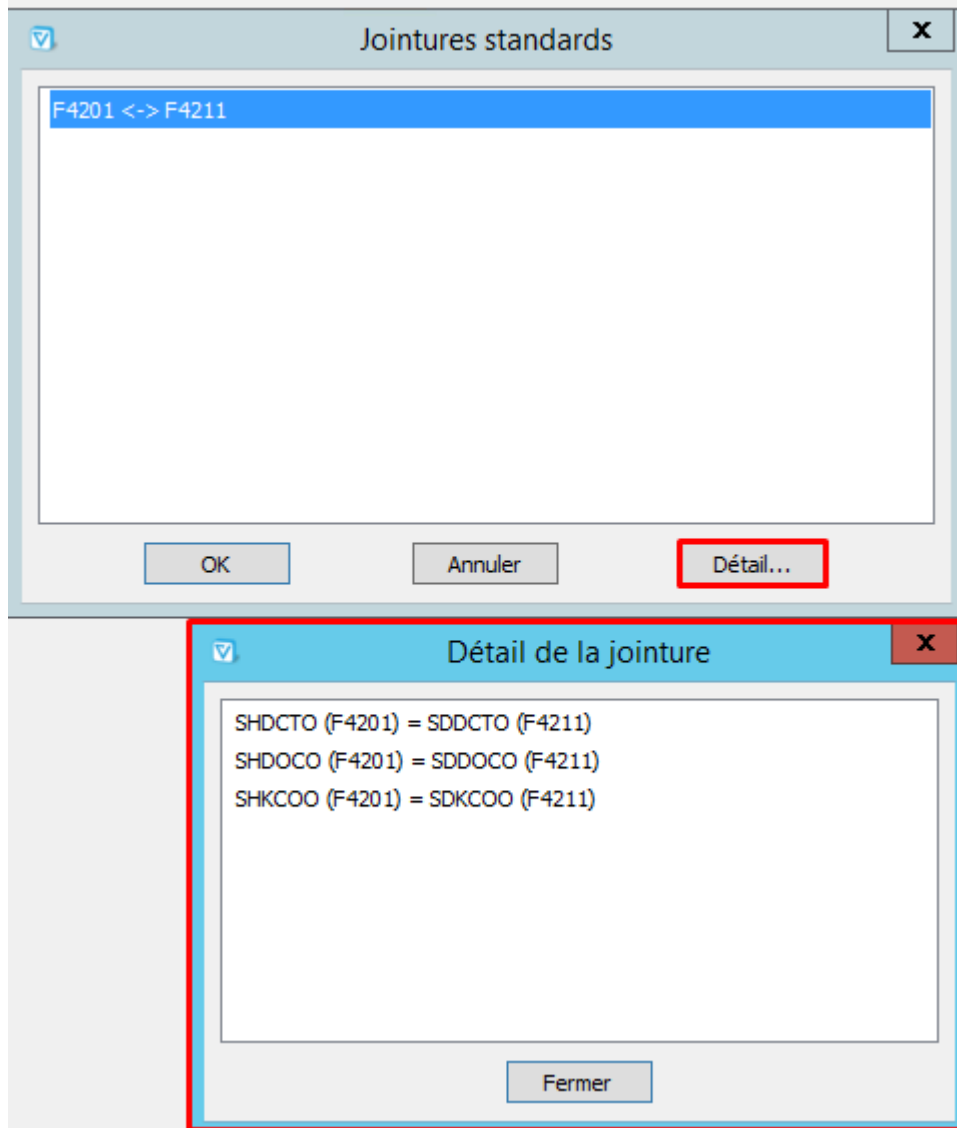


Joints



Standard joints

The tool Add Standard allows you to create automatically the links between tables:



Création d'une nouvelle requête

F4201 — F4211

Jointures entre les tables

- SHDCTO (F4201) = SDDCTO (F4211)
- SHDOCO (F4201) = SDDOCO (F4211)
- SHKCOO (F4201) = SDKCOO (F4211)

Ajouter... Ajouter standard... Modifier... Supprimer

Enregistrer jointure standard... Type de jointures... Conditions sur les jointures...

< Back Next > Cancel

When joints have been modified or added manually, it is possible to add them to the Vigilens standard joints library: just use the button Record standard joints, a screen allows you to select the joints then give a name to the joint.

Enregistrement d'une jointure standard

F4201 <-> F4211

Enregistrer Annuler Détail de la jointure existante...

Descriptif de la jointure

F4201 <-> F4211

jointure_test

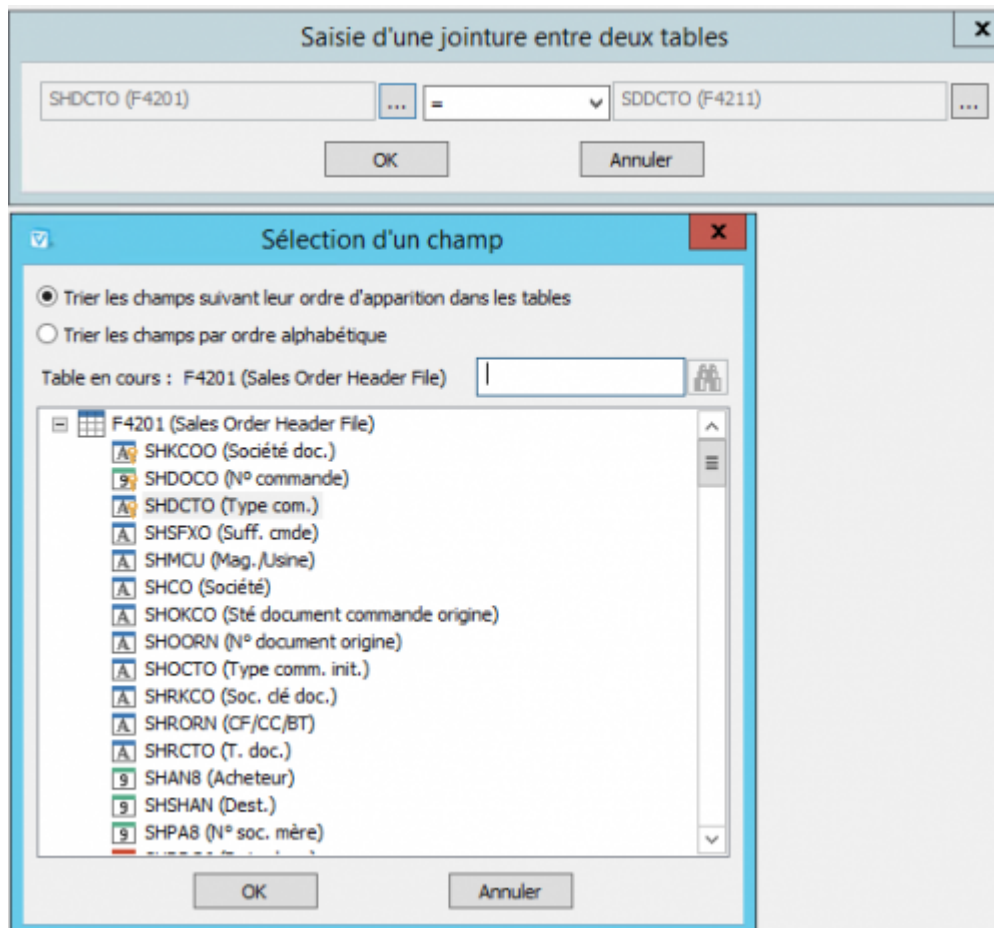
OK Annuler

Manual Joints

If the necessary joints are not known to Vigilens, these links must be specified manually.

Add

The first field of the join, the relationship type, and then the second field is selected.



Joint Type

You can choose to have an open or closed joint.

The dialog box is titled 'Type de jointure' and has a tab labeled 'F4201 <-> F4211'. It contains a green square icon and the text 'Sales Order Header File <-> Sales Order Detail File'. Below this, there are four radio button options:

- ☒ Ne prendre que les enregistrements correspondant dans les deux tables (cas le plus courant)
- ☐ Prendre les enregistrements de la table F4201 même s'il n'existe pas d'enregistrement correspondant dans la table F4211
- ☐ Prendre les enregistrements de la table F4211 même s'il n'existe pas d'enregistrement correspondant dans la table F4201
- ☐ Prendre les enregistrements correspondant dans les deux tables, ainsi que les enregistrements de chaque table n'ayant pas de correspondance dans l'autre

At the bottom, there are 'OK' and 'Cancel' buttons.

Joint Conditions

The dialog box is titled 'Conditions sur les jointures' and has a tab labeled 'F4201 <-> F4211'. It contains a green square icon and the text 'Sales Order Header File <-> Sales Order Detail File'. Below this, there are two radio button options: 'Respecté' (selected) and 'Non respecté'. A list box contains one item: 'SHKCOO (F4201) = '00000''. To the right of the list box are up and down arrow buttons. Below the list box, there are buttons for 'Ajouter...', 'Dupliquer', 'Modifier...', 'Supprimer', and a button labeled 'Transférer dans la liste des conditions générales'. At the bottom, there are 'OK' and 'Cancel' buttons.

Case in point



Although very similar, this section should not be confused with the “Extract according to the following rule” screen. The filters indicated here will be applied __ before the join is made. This distinction is important in the case of open joints, as the result would not be the same.

From an SQL point of view, it is the difference between

```
SELECT Parent,* Child,* FROM Parent
LEFT JOIN Child
ON Child.Id = Parent.Id
AND Child.Name = 'Barnabé'.
```

and

```
SELECT Parent,* Child,* FROM Parent
LEFT JOIN Child
ON Child.Id = Parent.Id
WHERE Child.Name = 'Barnabé' = 'Barnabé'.
```

The first case is equivalent to putting the condition on the joint: all the parents, and their children if their name is Barnabé, will be included in the selection.

The second case is equivalent to putting the condition on the “Extraction according to the following rule” screen. We will only retrieve the parents who have a child named Barnabé. The filter “killed” the open joint.

Editing Criteria

[See dedicated page](#)

General conditions

A condition can be transferred to the general conditions list.



#TODO check with denis for the automatic proposal of transfer to extractions

Conditions sur les jointures

F4201 <-> F4211

Sales Order Header File <-> Sales Order Detail File

☒ Respecté

☐ Non respecté

☒

=

SHKCOO (F4201) = '00001'

↑

↓

{

✖

Ajouter...

Dupliquer

Modifier...

Supprimer

}

✖

Transférer dans la liste des conditions générales

OK

Cancel

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