# Parameters at runtime

## Usage

Parameters are typically used by Vigilens to filter a subset of data when creating the report: for a particular company code, for a date or a date range, etc…

## Creation

Parameters can be created in the screens that can use them, for example in conditions on joints or extractions according to criteria.
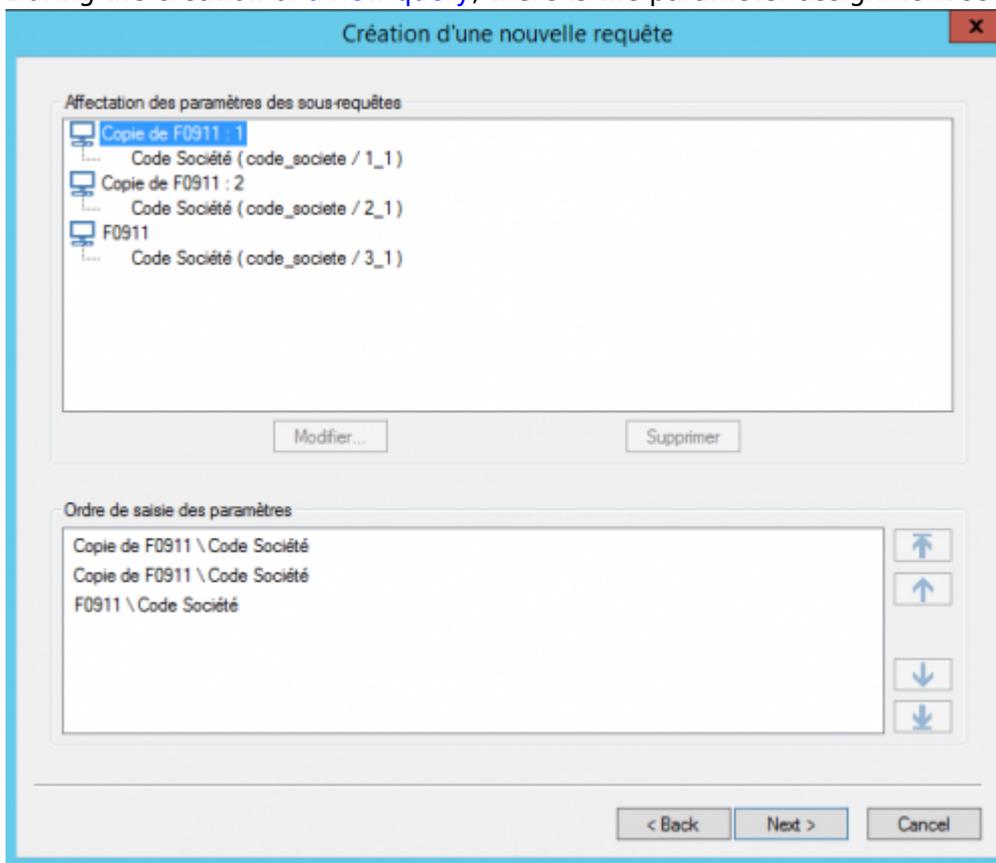


## Reuse

In all the dialog boxes that accept parameters, any parameter already defined can be reused:
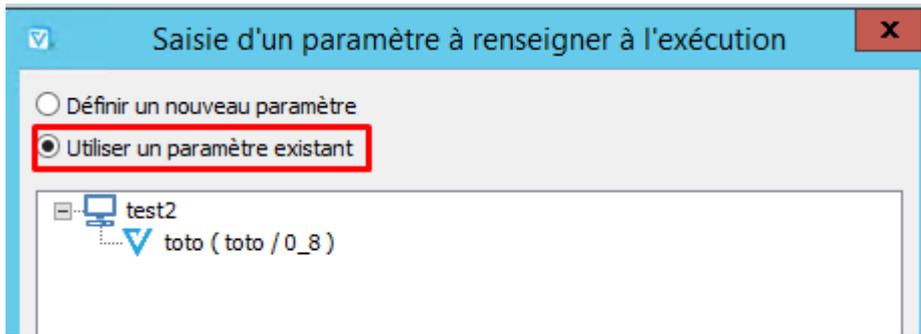
# Mapping

During the creation of a new query, there is the parameter assignment screen :



This is where it's done:

- mapping the parameter passing between a calling query and a subquery
- the choice of the order in which all parameters are entered

We can go to a subquery:

- or a fixed value (single value, range or list of values)
- or the value of a parameter of the calling request.

## Affectation d'un paramètre [×]

○ Paramètre  ● Valeur(s) fixe(s)

Sélection... | Copie de F0911 \ Code Société <- ???

[ OK ] [ Annuler ]

## Valeur du paramètre : {Code Société} [×]

| Une seule valeur | Plage de valeurs | Liste de valeurs |

[ | ]

[ OK ] [ Cancel ]

## Affectation d'un paramètre [×]

● Paramètre  ○ Valeur(s) fixe(s)

Sélection... | F0911 \ Code Société <= {->parametre1}

[ OK ] [ Annuler ]

## ☑ Saisie d'un paramètre à renseigner à l'exécuti...

○ Définir un nouveau paramètre
● Utiliser un paramètre existant

- ⊟ 🖥 test_param
  - ∇ parametre1 ( parametre1 / 0_3 )
  - ⊞ 🖥 Copie de F0911 : 1
  - ⊞ 🖥 Copie de F0911 : 2
  - 🖥 F0911

💡 You can of course reuse the same parameter several times. For example, if we have several subqueries that have a company code as a parameter and/or a criterion about the company in the calling query, it makes sense to reuse the same parameter each time. Thus, at runtime, we will have a single entry of this parameter.

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