

Lookup Parameter

The following steps allow a component to lookup the values of another datasource parameter.

To give you a feel, the parametrization syntax will support a new "lookup" type as follow:

```
${Company Name#lookup(Fruit,CompanyName)#B}
```

This will create a parameter on the UI with the label *Company Name* with a combo box that reads its values from the datasource called *Fruit* using the field called *CompanyName*.

The default selection will be **company B**.

Further, the datasource "Fruit" can be either:

- the name of a Data Source within a Report (ERD)
- the name of a Graphic Object within a Composite Diagram (Ensemble)
- the name of a View using view: syntax (Perspective)
- the name of a datasource in the Repository (All)

Also, further parameters can be passed in, if the datasource requires parameters:

```
${Company Name#lookup(Fruit,CompanyName,User=Peter>Password=Peter)#B}
```

This forms the basis for incorporating Cascading support with:

```
${Company Name#lookup(Fruit,CompanyName,Country=${Country})#B}
```

You can look up a data source in the repository:

```
${Company Name#lookup(repository:/Sales/Fruit.ds,CompanyName,Country=${Country})#B}
```