How to use a data rule to derive attribute values

You want to derive part of your model from an external source. For Instance you would like to determine the street name and town based on the postal code and house number.
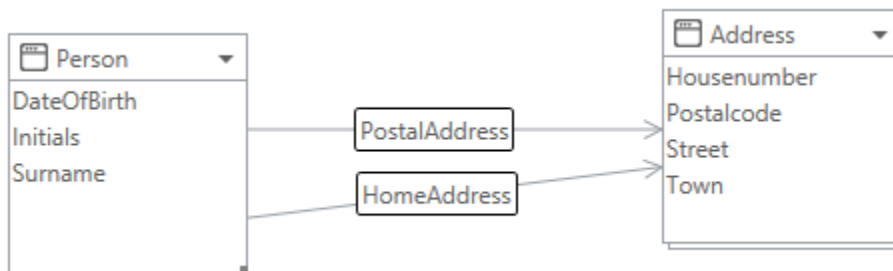
Step-by-step guide

To use a data rule to derive attribute values follow these steps:

- Create a domain
- Select a CSV file
- Use the CSV wizard

Create a domain

The following domain model displays a Person and Address Entity.
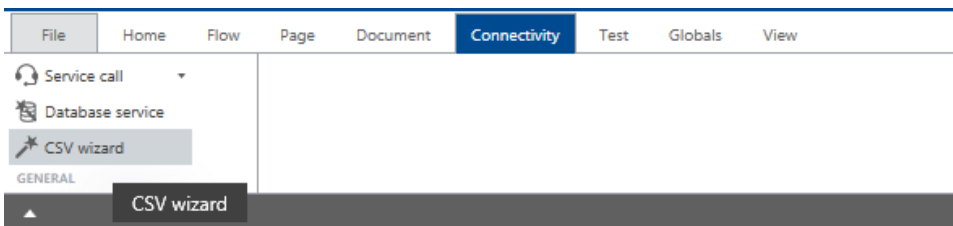

Select a CSV file

We will use the a CSV file that has a list of all available addresses to load the street name and town based on the postal code and town

Street	Housenumber	Postalcode	Town
Veemarktkade	8	5222 AE	s-Hertogenbosch
Reitscheweg	55	5232 BX	s-Hertogenbosch
Wolvenhoek	1	5211 HH	s-Hertogenbosch
Verwersstraat	41	5211 HS	s-Hertogenbosch

Use the CSV wizard

You can use the CSV wizard to create a data rule that uses a CSV data source

- Select the Connectivity tab.
- Select CSV Wizard.

- Select Data rule.
- Select Create new resource.
    - If you would like to manage the CSV file outside Blueriq, check the box 'Is external'. Now, the imported text file will only be used as an example for configuration of the resource.
    - For configuring this resource in Runtime, see Global: Resource.
- Enter a name and select a CSV file.

- Select the format settings.

- Enter the selection criteria and goals.

- Finish the wizard, a new data rule is created.

To test your data rule create a page that contains all attributes. Make sure that you add a refresh to the attributes that are used as input (postalcode, housenumber) and ensure that the attributes that are used as goal (street and town) are set to read-only.

See also

Example project: CSVDataRule.project.zip

CSV used in the example project: PostalcodeTable.csv

Related articles

- How to handle Master Data
- How to use a data rule to derive attribute values