How to GraphXR

14. Data Mapping
If you regularly work with CSVs sharing a common data structure, it’s useful to be able to apply the same graph schema every time. This is accomplished by CSV mapping. Clear the graph space and go to the CSV tab in the Query panel. Load lines.csv file from the GXR_QSG.zip.
The contents of the csv file will be previewed below. Click **new** to create a mapping based on this data in the **Mapping Editor**.
In the Mapping Editor, click **Add Category** to define a **category** for the data in the csv. Enter a name for the **category**, then add and rename **properties** as needed.
Check **As Key** if you only want a single node for each unique value of this property.
To add relationships, click add relationship, then your source category, then your target category. Click the resulting edge to enter a relationship name and add properties as needed.
Once you are satisfied with your mapping, you’ll **save** a new mapping, **save** or **save as** a modified mapping, or **export** the mapping for use in other projects.
Now, click **load** to apply your mapping to your selected CSV.
Data can also be loaded from a relational database using **SQL**, from flat **JSON** files, or using **Gremlin**.