3. Properties and Extract
With a single **node** selected, press **ctrl+i** or click the **Info** icon to evoke the Info window. You can edit values by double clicking them and add **properties** via the **Add Property** button.
While adding properties directly to nodes can be convenient, this quickly becomes hard to manage. A more scalable way to record a unique property is with a dedicated remark node. Click the Annotate button to create a remark linked to your current selection.
A **remark** needs to have one or more *properties*. Once you’ve added these, click **Add Annotation** to create the **remark**.
You’ll notice the **Remark** is a different color from the other **nodes**. This is because the Legend is set to **category** mode. All of our **csvImport_Characters** belong to the same **category**, automatically created when we imported Characters.csv. **Remark** is a separate **category**.
Let's switch to property view. In the Legend, click the *property* toggle. A dropdown with the first *property* name appears, and below it a list of each unique value for that *property* in the graph. The list is scrollable for cases like this where a large number of unique values are detected.
*houseName* comprises just a few unique values, one for each of the great houses (families) in Game of Thrones. Let’s create **nodes** for the houses. Open the **Transform panel => Extract tab**.
The Transform panel encompasses some of GraphXR’s most powerful capabilities, enabling you to interactively model your data. Transforms affect the whole graph if nothing is selected. If you have a selection, the transform will operate on only those elements.
We’ll use **Extract** to create a new **category** from `houseName`. A new **relationship** will be created in the process, linking the new **nodes** to their sources.
Let’s set `houseName` as a key. This means that a single node will be created for each unique value of `houseName`, rather than a separate one for every source node. Now click Run.
A node has been created for each House and everyone who belongs_to it. This would be a good time to save our work!
Open the **Project** panel => **Data** tab. Here you can download the current state of your graph as a GraphXR file, export it as a group of CSVs, or write back to your database.
You can also save to the cloud. We call this creating a View. Enter a descriptive name and click Save View.
Now that we’ve saved our progress, let’s bring in some more data.