

Property Reciprocal (PRR)

Property Reciprocal (PRR) is a Relation connecting two Concepts which can feature as a Property Type. In a Property, composed of Origin, Property Type, and Property Value, it defines what Property Type the Property Value would give back to Origin if the Property would be stored the other way. For instance, the PRR of C "mother" will be "child", because if `P Bernard - has - C mother - P Anna`, then `P Anna - has - C child - P Bernard`. Similarly, the PRR of C "occupation" will be "occupation holder", because if `P Bernard - has - C occupation - C baker`, then `C baker - has - C occupation holder - P Bernard`.

Property Reciprocal serves to symmetrize the Properties in a knowledge graph derived from the Collected Data Database by enriching them with the Property sent the other way, thus enabling to **query CASTEMO data more easily** and avoid missing properties which happen to be encoded the other way around.

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