

## Relationship Data Dictionary

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| Relationship Name | Description   | Aliases                                | Occurrence                                     |
|-------------------|---|--|--|
| is_A              | Each Vehicle is a VehicleType, which includes make and model.                       | is recorded as                         | Vehicle <i>is_a</i> VehicleType.               |
| located_At        | Vehicles are located at a Depot until hired.  |  | Vehicle is <i>located_At</i> a Depot.          |
| selects_A         | Hire selects a Vehicle to be hired.   | is hired by, hires                     | Hire <i>selects_A</i> Vehicle.                 |
| records_A         | Hire records the details of the Client that hired the Vehicle.                      | is hired by, is made by, hires, makes  | Hire <i>records_A</i> Client.                  |
| nominates_A       | Hire nominates a Driver of the hired Vehicle.                                       | records a                              | Hire <i>nominates_A</i> Driver.                |
| specifies_A       | Hire includes a DailyHireTariff that specifies the daily cost of the hired Vehicle. | records a                              | Hire <i>specifies_A</i> DailyHireTariff.       |
| taken_On          | Hire includes an optional InsurancePolicy that the Client can take out.             |  | InsurancePolicy is <i>taken_On</i> Hire.       |
| generated_For     | An invoice is generated and attached to a Hire after a vehicle is returned.         |  | Invoice is <i>generated_For</i> Hire.          |
| records_A         | Booking records a Client's details when they request the future use of a vehicle.   | is booked by, is made by, books, makes | Booking <i>records_A</i> Client.               |
| chooses_A         | When a Client makes a Booking, they selected a desired VehicleType.                 | books a                                | Booking <i>chooses_A</i> VehicleType.          |
| applies_To        | A DailyHireTariff is applied to each VehicleType (i.e make/model).                  | is recorded for                        | DailyHireTariff <i>applies_To</i> VehicleType. |
| hired_From        | A Vehicle is hired from a Depot through either type of GenericBooking.              | records a, pick up from                | GenericBooking is <i>hired_From</i> a Depot.   |

|             |   |                        |   |
|-------------|---|------------------------|---|
| returned_To | A Vehicle is returned to a Depot after a Hire type of GenericBooking. | records a, drop off to | GenericBooking is <i>returned_To</i> a Depot. |
| services_A  | Vehicles are serviced at Depots through a Service.                    | is kept for            | Service <i>services_A</i> Vehicle.            |
| serviced_At | Vehicles are serviced at Depots through a Service.                    | identified at          | Service is <i>serviced_At</i> a Depot.        |