

Datascript: Data

```
[{:name "Peter Parker" :gender "M" :alias ["Spider-Man" "Spidey"]}
{:name "Richard Parker" :gender "M" :spouse {:name "Mary Parker"}}
{:name "Mary Parker" :gender "F" :spouse {:name "Richard Parker"}}
{:name "Ben Parker" :gender "M" :spouse {:name "May Parker"}}
{:name "May Parker" :gender "F" :spouse {:name "Ben Parker"}}
{:name "Richard Parker" :child {:name "Peter Parker"}}
{:name "Mary Parker" :child {:name "Peter Parker"}}
{:child [{:name "Ben Parker"}
          {:name "Richard Parker"}]
 :gender "M"}
{:child [{:name "Ben Parker"}
          {:name "Richard Parker"}]
 :gender "F"}]
```

- Data is represented in its natural map form
- The underlying library will deconstruct the maps into datoms

Complete Parker Family Model Creation Example

```
(def parker-family
  (d/db-with
    (db/empty-db {:name      {:db/unique :db.unique/identity}
                  :alias     {:db/unique      :db.unique/value
                              :db/cardinality :db.cardinality/many}
                  :spouse    {:db/cardinality :db.cardinality/one
                              :db/valueType   :db.type/ref}
                  :child     {:db/cardinality :db.cardinality/many
                              :db/valueType   :db.type/ref}}))
  [{:name "Peter Parker" :gender "M" :alias ["Spider-Man" "Spidey"]}
   {:name "Richard Parker" :gender "M" :spouse {:name "Mary Parker"}}
   {:name "Mary Parker" :gender "F" :spouse {:name "Richard Parker"}}
   {:name "Ben Parker" :gender "M" :spouse {:name "May Parker"}}
   {:name "May Parker" :gender "F" :spouse {:name "Ben Parker"}}
   {:name "Richard Parker" :child {:name "Peter Parker"}}
   {:name "Mary Parker" :child {:name "Peter Parker"}}
   {:child [{:name "Ben Parker"}
            {:name "Richard Parker"}]
    :gender "M"}
   {:child [{:name "Ben Parker"}
            {:name "Richard Parker"}]
    :gender "F"}])
```