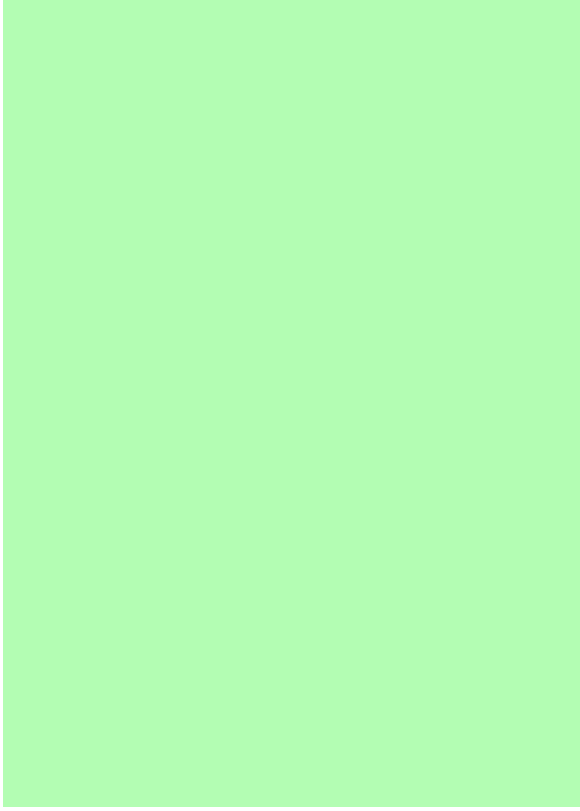


Schermas

```
{:name      {:db/unique :db.unique/identity}
 :alias     {:db/unique      :db.unique/value
             :db/cardinality :db.cardinality/many}
 :powers    {:db/cardinality :db.cardinality/many}
 :weapons   {:db/cardinality :db.cardinality/many}
 :nemesis   {:db/valueType   :db.type/ref
             :db/cardinality :db.cardinality/many}}
```

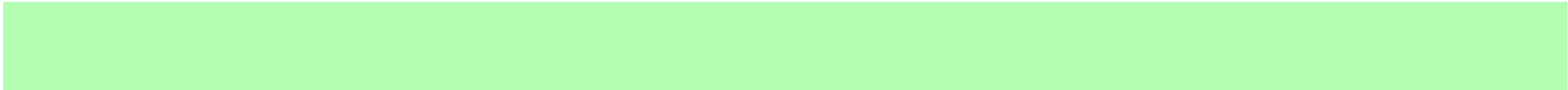
Attributes



Attributes that establish identity



Cardinality



Reference Type

- Schemas are attribute level
 - There is *nothing* being asserted about the entities being modeled
 - Any entity may have any attribute
- Datascript schemas only require attribute specification for uniqueness, cardinality, and reference types
- Datomic schemas require explicit specification of at least name, cardinality, and type for all attributes

Schemas

```
{:name      {:db/unique :db.unique/identity}
 :alias     {:db/unique      :db.unique/value
             :db/cardinality :db.cardinality/many}
 :powers    {:db/cardinality :db.cardinality/many}
 :weapons   {:db/cardinality :db.cardinality/many}
 :nemesis   {:db/valueType   :db.type/ref
             :db/cardinality :db.cardinality/many}}
```

- Schemas are attribute level
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Batman

```
(d/db-with
  (db/empty-db {:name      {:db/unique :db.unique/identity}
                 :alias     {:db/unique      :db.unique/value
                             :db/cardinality :db.cardinality/many}
                 :powers    {:db/cardinality :db.cardinality/many}
                 :weapons   {:db/cardinality :db.cardinality/many}
                 :nemesis   {:db/valueType   :db.type/ref
                             :db/cardinality :db.cardinality/many}}))

[{:name      "Bruce Wayne"
  :age       32
  :gender    "M"
  :alias     "Batman"
  :powers    ["Rich"]
  :weapons   ["Belt" "Kryptonite Spear"]
  :alignment "Chaotic Good"
  :nemesis   [{:name "Joker"} {:name "Catwoman"}]]])
```

- Data is written as maps (No ORMs)
- The underlying library does the map -> datom conversions