

Storage and Indexing

- ▶ Querying requires finding data: indexing
- ▶ Indices *can* perform the role of storage
- ▶ Datomic and Datascript store tuples and index
- ▶ Others use indices as storage (e.g. Asami)
- ▶ Durable storage maps elements to IDs:
tuples contain IDs only

Asami

- ▶ In memory, persistent storage via nested maps
- ▶ Indices: EAV, AVE, VEA
- ▶ Can also reify: EAVM, AVEM, VEAM, MEAV
- ▶ Rarely need VEA
simulate by multiple lookups in AVE