Data-Datomic

Project and Product Development Document

# Idea Gathering

Loose, “half-baked” ideas as they come up. For later consideration as to whether or not they would be useful.

## “Continuous-Capture”

“Continuous-Capture” – On a schedule, capture delta-snapshots of the datom indices and store them externally from the database instance (i.e. in an S3 bucket). This information can either then be used for selective restoration or, modelling and change/evolution analysis for both the data as well as the schema. A motivation for this beyond the “you can just export the datoms when you want to do Feature F’ that requires them” is that, having this history allows retrieval when a configuration is either lost or for whatever reason, some subset of the data is no longer available for a period (say failed migration to a new environment). In addition, partial/fragmented/deltas are easier to manage and lighter weight then the entire set of indices.