

# Code Walkthrough

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(defn queue->dsdb [{:keys [queue-name queue dsdb]}]
  ;(timbre/debug "Checking for new items in queue..." )
  (when-some [task (dq/take! queue queue-name 10 nil)]
    (do
      (timbre/debug "Putting data into datascript")
      (d/transact! dsdb [(line->record @task)])
      (dq/complete! task))))

(def config
  {::jdbc/connection      {:connection-uri "jdbc:h2:mem:mem_only"}
   ::jdbc/init             {:conn (ig/ref ::jdbc/connection)}
   ::datascript/connection w/schema
   ::hawk/watch            {:groups [{:paths ["example"]
                                       :handler #'file-handler}]
                             :queue (ig/ref ::durable/queues)
                             :conn (ig/ref ::jdbc/connection)}

   ::durable/queues        {:delete-on-halt? true
                             :directory      "/tmp"}

   ::scheduling/job        {:job           #'queue->dsdb
                             :queue-name    :my-queue
                             :schedule      {:in [5 :seconds] :every :second}
                             :queue         (ig/ref ::durable/queues)
                             :dsdb          (ig/ref ::datascript/connection)}

   ::web/server           {:host         "0.0.0.0"
                             :port         3000
                             :sql-conn     (ig/ref ::jdbc/connection)
                             :conn         (ig/ref ::datascript/connection)
                             :handler      #'handler}})

(defonce sys (create config))

```