(**def** **string-node** {:type "string-node" :data "text"})

(**def** **extractor1** {:type "extractor1"})

(**def** **tag-node** {:type "tag-node" :data "tag"})

(**def** **extractor2** {:type "extractor2"})

(**defn** extract-string-node-extractor1 [node extractor] (println "extracting for string-node and extractor1"))

(**defn** extract-string-node-extractor2 [node extractor] (println "extracting for string-node and extractor2"))

(**defn** extract-tag-node-extractor1 [node extractor] (println "extracting for tag-node and extractor1"))

(**defn** extract-tag-node-extractor2 [node extractor] (println "extracting for tag-node and extractor2"))

(**defmulti** **extract-text** (fn [**node** **extractor**] [(**:type** **node**) (**:type** **extractor**)]))

(**defmethod** extract-text ["string-node" "extractor1"] [node extractor] (extract-string-node-extractor1 node extractor))

(**defmethod** extract-text ["string-node" "extractor2"] [node extractor] (extract-string-node-extractor2 node extractor))

(**defmethod** extract-text ["tag-node" "extractor1"] [node extractor] (extract-tag-node-extractor1 node extractor))

(**defmethod** extract-text ["tag-node" "extractor2"] [node extractor] (extract-tag-node-extractor2 node extractor))

(**extract-text** string-node extractor1)

(**extract-text** tag-node extractor2)

(**extract-text** string-node extractor2)