

```
(defn simplify [g & ks] (map #(if (st/var-test? %) ? :v) ks))
(defmulti get-from-index simplify)
```

```
(defmethod get-from-index [ ? ? ?]
  [{idx :eav} e a v]
  (for [e (keys idx), a (keys (idx e)), v ((idx e) p)]
    [e a v]))
```

```
(defmethod get-from-index [:v ? :v]
  [{idx :vea} e a v]
  (map vector (get-in idx [v e])))
```

```
(defmethod get-from-index [ ? :v ?]
  [{idx :ave} e a v]
  (let [edx (idx a)] (for [v (keys edx), e (edx v)]
    [e v])))
```

```
(defmethod get-from-index [:v :v :v]
  [{idx :eav} e a v]
  (if (get-in idx [e a v]) [[] []]))
```


Query

Recipes containing ≤ 2 cups of flour

```
:find ?name  
:where [?recipe :name ?name]  
       [?recipe :ingredient ?i]  
       [?i :unit :cups]  
       [?i :quantity ?q]  
       [?i :type :flour]  
       [( $\leq$  ?q 2)]
```