```
(defquery example [param v]
  (let [x (sample (f (theta param))); f(x)
         z = (0 \times 1)
     (observe (g (phi param x)) y); g(y|x)
     (predict :x x)
     (predict :z z)))
(def posterior ((conditional example :method) parameter-value y-value))
(repeatedly K (fn [] sample posterior))
; samples \mathbf{x}^k \sim p(\mathbf{x}|\mathbf{y}) and z^k = Q(\mathbf{x}^k)
```