

```

var tokens = make(chan struct{}, 50)
var results = make(chan *ResponseInfo)
var wg sync.WaitGroup

go func() {
    for query := loopOverFile() {
        wg.Add(1)
        tokens <- struct{}{} // acquire token
        go func(query string) {
            defer wg.Done()
            results <- runQuery(query)
            <- tokens // release token
        }(query)
    }
}()

go func() {
    wg.Wait()
    close(results)
}()

for r := range(results) {
    printResponse(r)
}

```