

优化方案说明

一、Kitex Client Provider 缓存策略

缓存提高性能

```
1 //缓存更新策略
2 func (ptr *defaultKitexClientProvider) dynamicClientCacheRefresh() {
3     for {
4         time.Sleep(ptr.updateInterval)
5         ptr.cache.lock.Lock()
6         fmt.Println("dynamicClientCacheRefresh lock")
7         var ch chan chObj = make(chan chObj, ptr.cache.ls.Len())
8         var taskCount int
9         for k := range ptr.cache.data {
10             go ptr.fetchIDLContent(k, ch)
11             taskCount++
12         }
13         for i := 0; i < taskCount; i++ {
14             chObj := <-ch
15             if chObj.idlContent != "" {
16                 ptr.cache.data[chObj.serviceName].Value.(*cachedD
17                 fmt.Println("update idlContent for serviceName:"
18             } else {
19                 //idl管理平台无数据返回,说明服务已下线或出错,则删除
20                 ptr.cache.delete(chObj.serviceName)
21             }
22         }
23         fmt.Println("dynamicClientCacheRefresh unlock")
24         ptr.cache.lock.Unlock()
25     }
26 }
27
28 func (ptr *defaultKitexClientProvider) fetchIDLContent(serviceName string, ch chan
29     idlContent := ptr.idlProvider.FindIDLByServiceName(serviceName)
30     ch <- chObj{serviceName: serviceName, idlContent: idlContent}
31 }
32
33 .....
```

二、IDL Provider 缓存策略

缓存提高性能

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