

Example REST API Client

This is an implementation of a cAdvisor REST API in Go. You can use it like this:

```
client, err := client.NewClient("http://192.168.59.103:8080/")
```

Obviously, replace the URL with the path to your actual cAdvisor REST endpoint.

MachineInfo

```
client.MachineInfo()
```

There is no v2 MachineInfo API, so the v2 client exposes the v1 MachineInfo

```
(*v1.MachineInfo)(0xc208022b10)({  
  NumCores: (int) 4,  
  MemoryCapacity: (int64) 2106028032,  
  Filesystems: ([]v1.FsInfo) (len=1 cap=4) {  
    (v1.FsInfo) {  
      Device: (string) (len=9) "/dev/sda1",  
      Capacity: (uint64) 19507089408  
    }  
  }  
})
```

You can see the full specification of the MachineInfo struct in the source

VersionInfo

```
client.VersionInfo()
```

This method returns the cAdvisor version.

Attributes

```
client.Attributes()
```

This method returns a cadvisor/info/v2/Attributes struct with all the fields filled in. Attributes includes hardware attributes (as returned by MachineInfo) as well as software attributes (eg. software versions). Here is an example return value:

```
(*v2.Attributes)({  
  KernelVersion: (string) (len=17) "3.13.0-44-generic"  
  ContainerOsVersion: (string) (len=18) "Ubuntu 14.04.1 LTS"  
  DockerVersion: (string) (len=9) "1.5.0-rc4"  
  CadvisorVersion: (string) (len=6) "0.10.1"  
  NumCores: (int) 4,  
  MemoryCapacity: (int64) 2106028032,  
  ...  
})
```

```
Filesystems: ([]v2.FsInfo) (len=1 cap=4) {  
  (v2.FsInfo) {  
    Device: (string) (len=9) "/dev/sda1",  
    Capacity: (uint64) 19507089408  
  }  
}  
})
```

You can see the full specification of the Attributes struct in the source