Libresource

1. Library to get system resource information.
2. Ease of use.
4. Virtualization.
Libresource: Current Status

1 Basic Infrastructure.

```c
int res_read(int res_id, void *out, void *hint, int pid, int flags);
int res_read_blk(res_blk_t *resblk, int pid, int flags);
```

2 Memory and networking is done.

https://github.com/lxc/libresource
Libresource: Future

1. More resources (CPU, Device, NUMA, VMstat etc).
2. Container aware information.
3. Ability to write values of resources.
4. Ways to get system resource information with more efficiency.
5. Packaging.
6. Interface in other languages.
Libresource: Example

```c
size_t stemp = 0;
res_read(RES_MEM_TOTAL, &stemp, NULL, 0, 0);
printf("MEMTOTAL is: %zu\n", stemp);
```