1、cds\_list\_for\_each\_entry()

//参考：https://blog.csdn.net/hzj\_001/article/details/81542236

cds\_list\_for\_each\_entry(brickinfo, &origin\_vol->bricks, brick\_list)

#define cds\_list\_for\_each\_entry(pos, head, member) \

for (pos = cds\_list\_entry((head)->next, \_\_typeof\_\_(\*pos), member); \

&pos->member != (head); \

pos = cds\_list\_entry(pos->member.next, \_\_typeof\_\_(\*pos), member))

//cds\_list\_for\_each\_entry 遍历链表

#define cds\_list\_entry(ptr, type, member) \

((type \*) ((char \*) (ptr) - (unsigned long) (&((type \*) 0)→member)))

//cds\_list\_entry 函数的功能获取成员member所在 type类型结构体的指针(地址)

//实现原理：获取 member 成员在type型数据中的偏移量

/\*

\* caa\_container\_of - Get the address of an object containing a field.

\*

\* @ptr: pointer to the field.

\* @type: type of the object.

\* @member: name of the field within the object.

\*/

#define caa\_container\_of(ptr, type, member) \

\_\_extension\_\_ \

({ \

const \_\_typeof\_\_(((type \*) NULL)->member) \* \_\_ptr = (ptr); \

(type \*)((char \*)\_\_ptr - offsetof(type, member)); \

})

//caa\_container\_of与 cds\_list\_entry功能一致

2、sys\_lgetxattr相应函数

设置路径属性 获取路径属性

3、**xlators开发流程：**

参考：http://blog.chinaunix.net/uid-11344913-id-3795965.html