

RPC Marshalling of Linked Data Structures

```
typedef struct List {
    int value;
    struct List * next;
} List;

typedef struct Tree {
    int value;
    List * ptrtoint;
    struct Tree * left;
    struct Tree * right;
} Tree;

foo(in List * a, in int b, in Tree * c, out float * d);
```

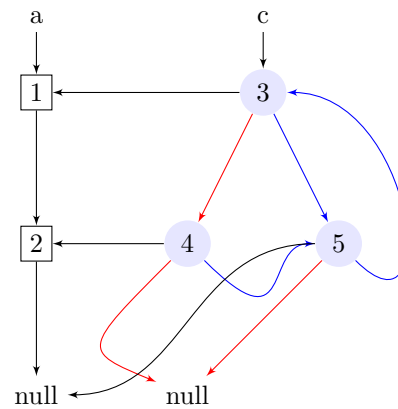


Figure 1: Example Data Structure

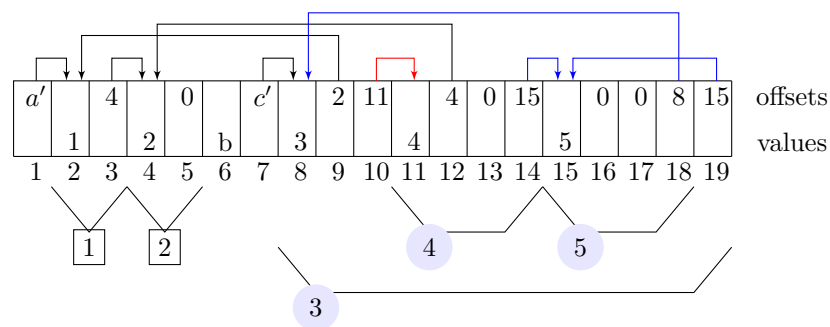


Figure 2: Marshalling the in-Parameters of foo

(Taken from a research paper.)