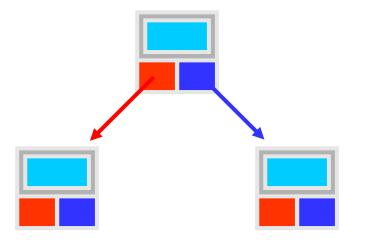
POST-ORDER TRAVERSAL

Outline of Post-Order Traversal

- Three principle steps:
 - Traverse Left
 - Traverse Right
 - Do work (Current)
- Work can be anything
- Separate work from traversal



- •Traverse the tree "Post order":
 - -Visit the tree's left sub-tree
 - -Visit right sub-tree
 - -Visit the current and do work

Post-Order Traversal Procedure

```
procedure Post Order (cur iot in Ptr toa Tree Node)
 // Purpose: perform post-order traversal, call
             DoWhatever for each node
 // Preconditions: cur points to a binary tree
 // Postcondition: DoWhatever will be performed
 // on each tree node in "post-order" order
     if ( cur <> NIL ) then
       Post Order( cur^.left child )
       Post Order( cur^.right child )
       Do Whatever ( cur^.data )
    endif
 endprocedure // Post Order
```

