A Note on Auxiliary verb movement

Some of you asked about why in a question, the Auxiliary verb is written in the tree as being a $C^0$ instead of $T^0$, as in the example below:

(1)  
```
CP
   / \  
DP   C'   
   / \  
  D   C   TP
     /   \
    C    T' 
       /   \
      T     VP
         /   \
        V     DP
```

In fact, the real idea is that when the verb moves, it adjoins to $C^0$. So the absolutely correct tree should be the following. However, this is more detail than we need to use in this class, so I have simplified the tree to be like the one in (1). Hopefully the tree below will help you understand how the Aux verb is not really a complementizer, but is in the position that the Complementizer would be. But you can continue to draw trees like the one in (1).

(2)  
```
CP
   / \  
DP   C'   
   /   \  
  D    C   TP
     /   /   \
    T  C  T'  
       /   /   \
      T  D     VP
         /   /   \
        V  T   DP
           /   /   \
          V  t_j  t_i
```