This version doesn’t allow for an EISS to the upper layers (brain):

The LLC has no access to the “raw” data stream except by using VLAN 0 or 0xFFF to mean, “untagged” in the tagging/untagging function. Worse, the LLC cannot enforce the rule that BPDUs be untagged:
This version is rather complex, but loops back emitted LLCs!

But, we can fix this:

1. **Toward Relay Function**
2. **Replicate / merge**
3. **802.1Q tagging / untagging**
4. **Duplicate up / merge down**
Now, we add the AIS CF. Horribly complex, but it seems to do the right thing. Can it be simplified?