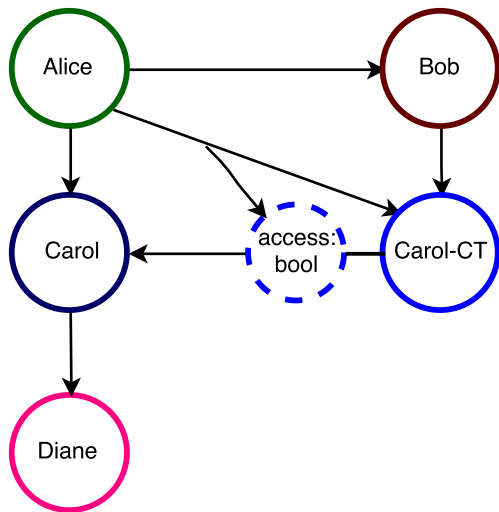
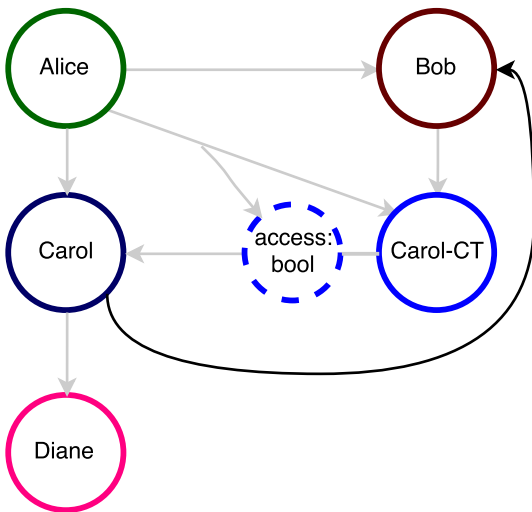


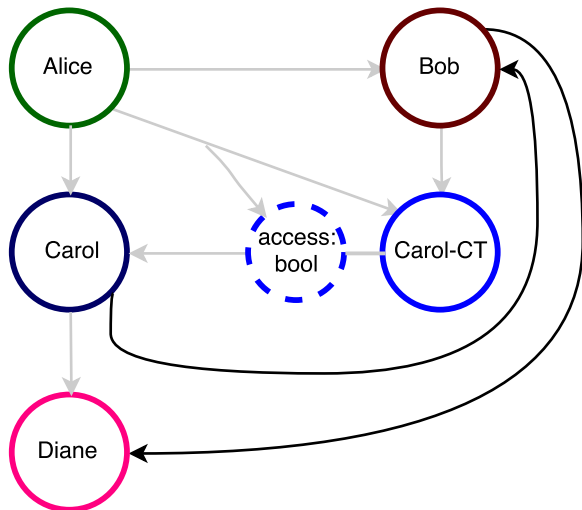
1) Initially, Alice is endowed with the capabilities of Bob and Carol, and Carol endowed with the capability of Diane. Alice wants to let Bob speak to Carol, so she creates a caretaker for Carol (Carol-CT) and passes it to Bob. Bob can now speak to Carol through the Carol-CT.



2) Bob sends Carol his capability to Carol through Carol-CT. Carol can now speak to Bob directly.



3) Carol then sends Diane's capability to Bob. Bob can now speak to Diane directly.



4) When Alice, who is the owner of Carol-CT and has the capability to lock the access:bool of Carol-CT, disables the access of Carol-CT, the lock only revokes Bob's access to Carol-CT. Alice cannot revoke the capabilities passed from Bob to Carol-CT and on subsequent capabilities passed from those initial capabilities. After locking, Carol can continue to access Bob, and Bob can continue to access Diane. In fact, if Carol passes her own capability to Bob before the lock (not shown in diagram), Bob can talk to Carol after Carol-CT is disabled.

