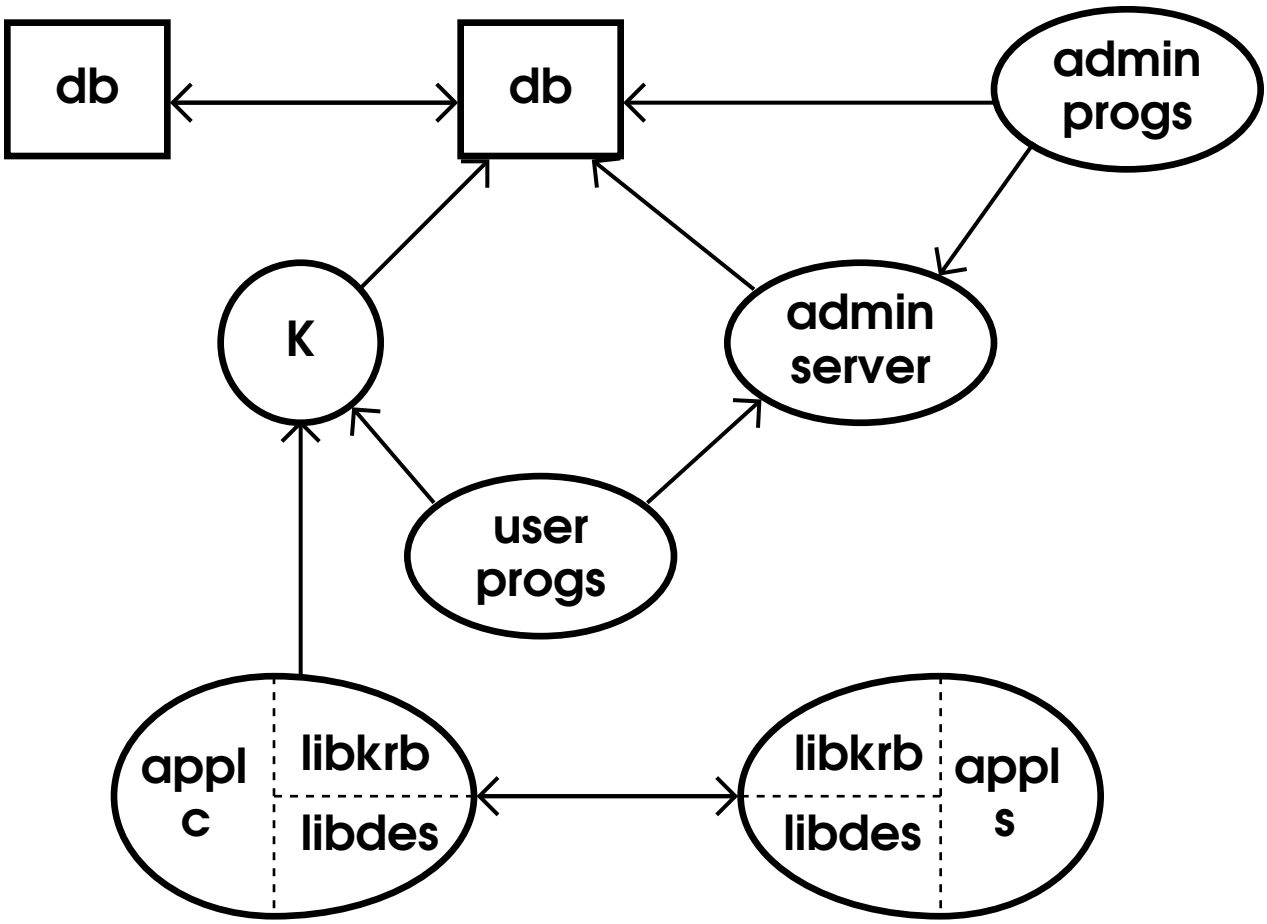Kerberos Implementation