## Original

```
private synchronized void reLogin() throws LoginException {
   if (!isKrbTicket) {
      return;
   }
   LoginContext login = getLogin();
   if (login == null) {
      throw new LoginException("login must be done first");
   }
   if (!hasSufficientTimeElapsed()) {
      return;
   }
   LOG.info("Initiating logout for {}", principal);
   synchronized (Login.class) {
      login.logout();
      login = new LoginContext(loginContextName, getSubject());
      LOG.info("Initiating re-login for {}", principal);
      login.login();
      setLogin(login);
   }
}
```

## Log Removal

<u> </u>
rivate synchronized void reLogin() throws LoginException {    if (!isKrbTicket) {       return;
<pre>} LoginContext login = getLogin(); if (login == null) {    throw new LoginException("login must be done first");</pre>
<pre>} if (!hasSufficientTimeElapsed()) {     return; }</pre>
<pre>synchronized (Login.class) {     login.logout();     login = new LoginContext(loginContextName, getSubject())     login.login();     setLogin(login);</pre>
}

Extracted Feature Vector

class

org.apache.zookeeper.Login

class

.../.../Login.java org.apache.zookeeper.Login

file

file

.../.../Login.java

**Extraction** 

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file	class	method	SLOC	methodsInvokedQty	 stringLiteralsQty	label
//Login.java	org.apache.zookeeper.Login	reLogin/0	18	6	 1	true
				·		

SLOC

18

method

reLogin/0

SLOC

20

method

reLogin/0

methodsInvokedQty

methodsInvokedQty

6

stringLiteralsQty

3

stringLiteralsQty

. . .

...

label

true

label

false

Modified