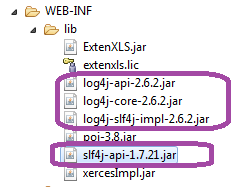
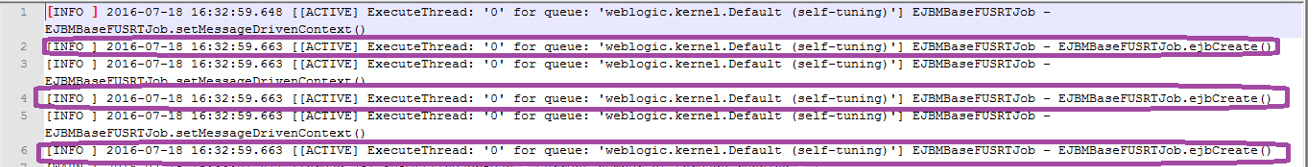
# Log4j2.x Upgradation Issue Information

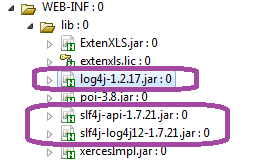
1. **Issue-1:** When the EAR file is deployed on the server, loggings with respect to both the two EJB components is not working, or loggings with respect to one of the EJB component is working, but neither both together. This is a currency issue that was first observed while testing log4j functionality in WLS12C upgradation where we fixed the issue by upgrading the slf4j jar version. But, this issue has resurfaced again with log4j 2.x version.

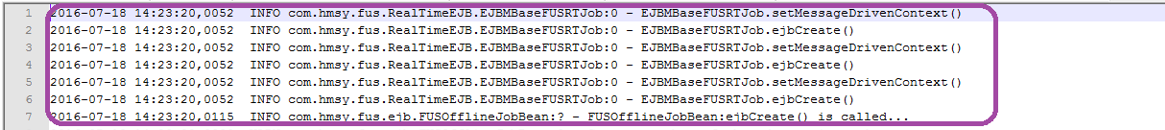
**After Upgradation:** New Log4j 2.x with the last slf4j jar - No logs captured from the ‘FUSOfflineJobBean’ on deployment.





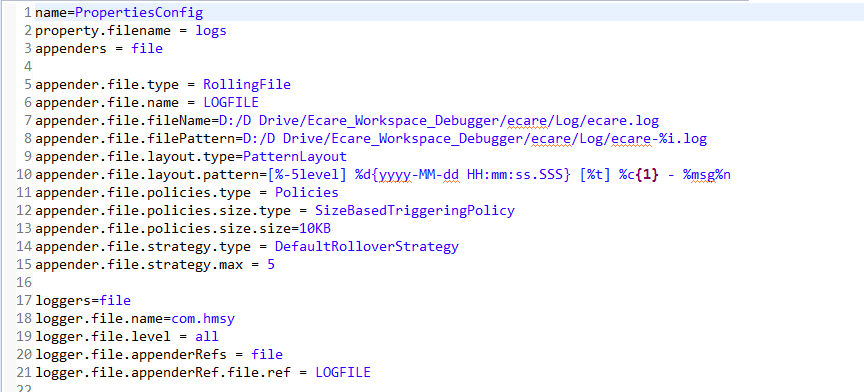
**Before Upgradation:** Old Log4j 1.x with latest slf4j jars - Logs captured from both the EJBs – FUSOfflineJobBean and EJBMBaseFUSRTJob on deployment of the EAR file which has both the EJBs’.



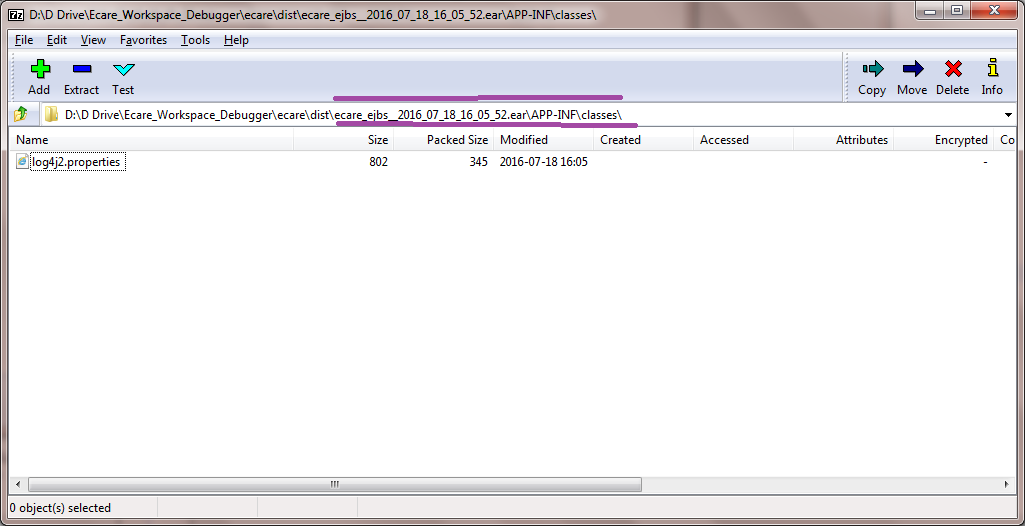


Information, as per request:

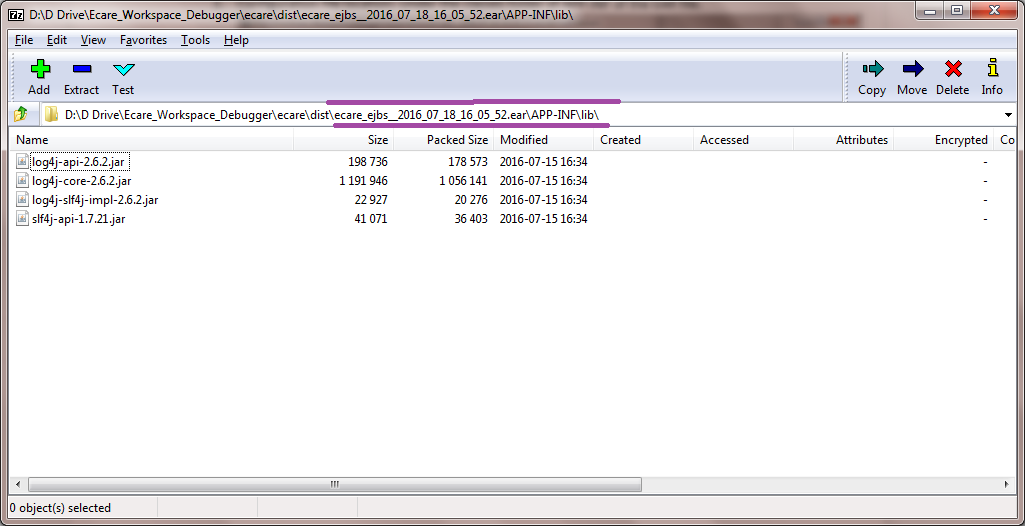
1. Log4j2 property file:



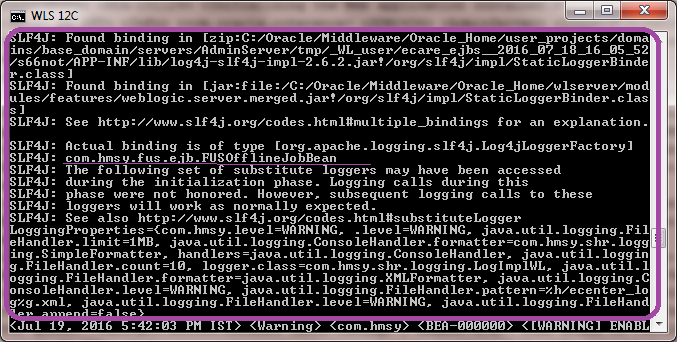
1. Configuration file location: Under the classes folder of APP-INF of the EAR file.

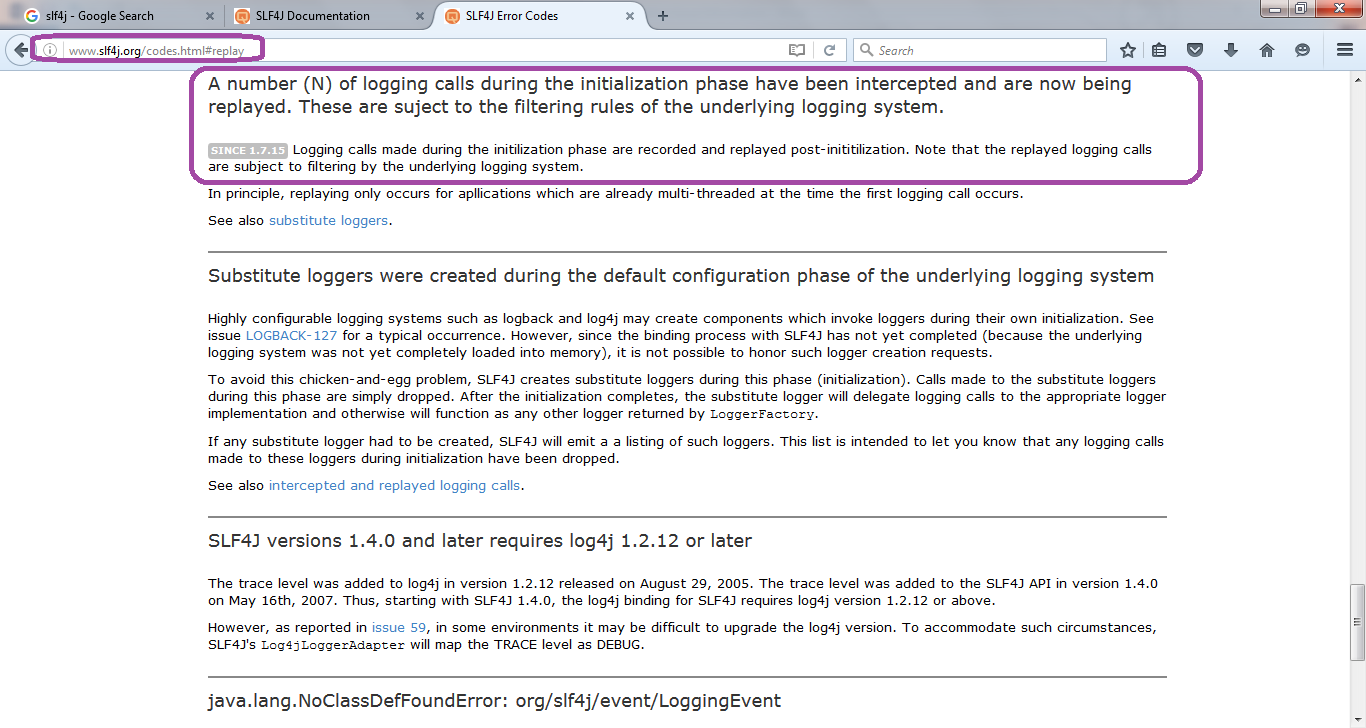


1. Log4j jars location: Under ‘lib’ folder of APP-INF folder of the EAR file.



1. Additional output message: For one of the EJB component (marked below), the logging calls were honored, but not for the other EJB component, which is also a part of the same EAR file. Though the below console says that the logging calls for the EJB component – ‘FUSOfflineJobBean’ has been honored during the initialization phase, no logs were captured in the log file during ejbCreate method execution of this EJB Component during deployment.

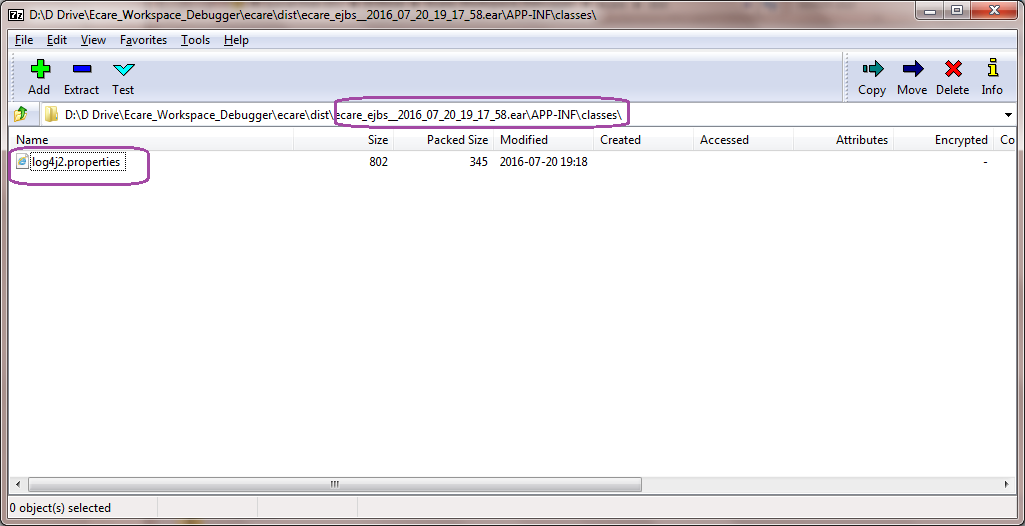




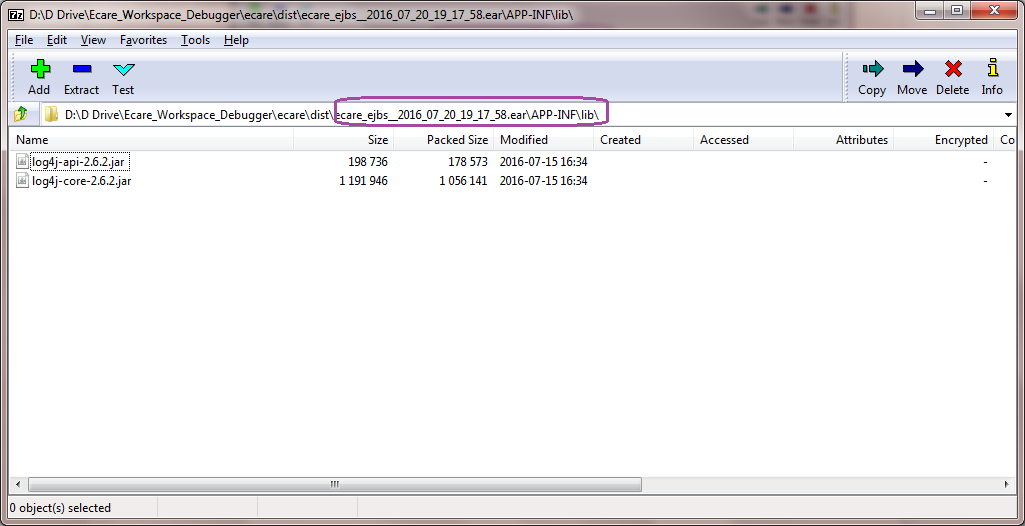
1. **Findings per request from Remko Popma made on 7/20/2016** – “I would like to confirm if the problem occurs also when using the Log4j2 API in the EJB. Should help isolate the cause.”
   1. SLF4j not being used. Log4j 2.x is being used directly as per the information provided in the below link:

<https://logging.apache.org/log4j/2.x/manual/configuration.html>

* 1. Location of log4j2.properties file in the EAR file:

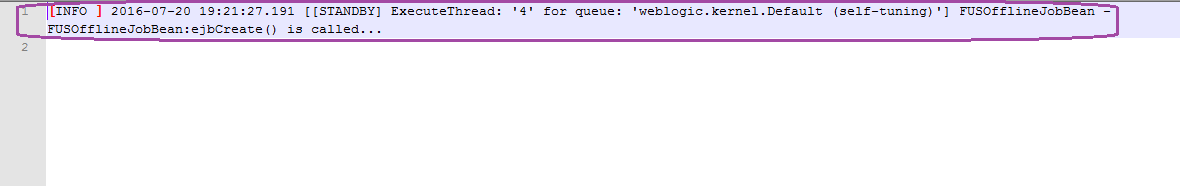


* 1. Log4j 2.x jars that have been used and their location in the EAR file:



* 1. After EAR deployment, the log file was generated, but again logging took place for only one of the EJB component (out of 2 components) as seen below.

**Actual Log Content:**



**Expected Log Content:**

