**Error: Loc Header error while restarting server:**

**Reason : Dependency not properly downloaded**

**Solution: Delete the dependency from .m2 folder and update maven repository**

**HTTP Status 500 - Request processing failed; nested exception is org.hibernate.HibernateException: Could not obtain transaction-synchronized Session for current thread**

**type** Exception report

**message** Request processing failed; nested exception is org.hibernate.HibernateException: Could not obtain transaction-synchronized Session for current thread

**description** The server encountered an internal error that prevented it from fulfilling this request.

**exception**

org.springframework.web.util.NestedServletException: Request processing failed; nested exception is org.hibernate.HibernateException: Could not obtain transaction-synchronized Session for current thread

org.springframework.web.servlet.FrameworkServlet.processRequest(FrameworkServlet.java:982)

org.springframework.web.servlet.FrameworkServlet.doGet(FrameworkServlet.java:861)

javax.servlet.http.HttpServlet.service(HttpServlet.java:622)

org.springframework.web.servlet.FrameworkServlet.service(FrameworkServlet.java:846)

javax.servlet.http.HttpServlet.service(HttpServlet.java:729)

org.apache.tomcat.websocket.server.WsFilter.doFilter(WsFilter.java:52)

**root cause**

org.hibernate.HibernateException: Could not obtain transaction-synchronized Session for current thread

org.springframework.orm.hibernate4.SpringSessionContext.currentSession(SpringSessionContext.java:134)

org.hibernate.internal.SessionFactoryImpl.getCurrentSession(SessionFactoryImpl.java:456)

net.oma.daoimpl.ProductDAOImpl.list(ProductDAOImpl.java:43)

net.oma.controller.PageController.index(PageController.java:21)

sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)

sun.reflect.NativeMethodAccessorImpl.invoke(Unknown Source)

sun.reflect.DelegatingMethodAccessorImpl.invoke(Unknown Source)

java.lang.reflect.Method.invoke(Unknown Source)

org.springframework.web.method.support.InvocableHandlerMethod.doInvoke(InvocableHandlerMethod.java:205)

org.springframework.web.method.support.InvocableHandlerMethod.invokeForRequest(InvocableHandlerMethod.java:133)

org.springframework.web.servlet.mvc.method.annotation.ServletInvocableHandlerMethod.invokeAndHandle(ServletInvocableHandlerMethod.java:116)

org.springframework.web.servlet.mvc.method.annotation.RequestMappingHandlerAdapter.invokeHandlerMethod(RequestMappingHandlerAdapter.java:827)

org.springframework.web.servlet.mvc.method.annotation.RequestMappingHandlerAdapter.handleInternal(RequestMappingHandlerAdapter.java:738)

org.springframework.web.servlet.mvc.method.AbstractHandlerMethodAdapter.handle(AbstractHandlerMethodAdapter.java:85)

org.springframework.web.servlet.DispatcherServlet.doDispatch(DispatcherServlet.java:963)

org.springframework.web.servlet.DispatcherServlet.doService(DispatcherServlet.java:897)

org.springframework.web.servlet.FrameworkServlet.processRequest(FrameworkServlet.java:970)

org.springframework.web.servlet.FrameworkServlet.doGet(FrameworkServlet.java:861)

javax.servlet.http.HttpServlet.service(HttpServlet.java:622)

org.springframework.web.servlet.FrameworkServlet.service(FrameworkServlet.java:846)

javax.servlet.http.HttpServlet.service(HttpServlet.java:729)

org.apache.tomcat.websocket.server.WsFilter.doFilter(WsFilter.java:52)

**note** The full stack trace of the root cause is available in the Apache Tomcat/8.0.36 logs.

**Apache Tomcat/8.0.36**

Solution : changed the method from getCurrentSession to openSession() in ProductDAOImpl class