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Scouter Java agent 설정시 주의할점 3
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Scouter Java agent 설정시 주의할점

```
2018-05-25 13:31:13,891 ERROR [io.undertow.request] (default task-1)
UT005023: Exception handling request to /paper/:
java.lang.NoClassDefFoundError: scouter/agent/trace/TraceMain
        at javax.servlet.http.HttpServlet.service(HttpServlet.java)
        at
io.undertow.servlet.handlers.ServletHandler.handleRequest(ServletHandler.jav
a:85)
        at
io.undertow.servlet.handlers.security.ServletSecurityRoleHandler.handleReque
st(ServletSecurityRoleHandler.java:62)
        at
io.undertow.servlet.handlers.ServletDispatchingHandler.handleRequest(Servlet
DispatchingHandler.java:36)
        at
org.wildfly.extension.undertow.security.SecurityContextAssociationHandler.ha
ndleRequest(SecurityContextAssociationHandler.java:78)
        at
io.undertow.server.handlers.PredicateHandler.handleRequest(PredicateHandler.
java:43)
        at
io.undertow.servlet.handlers.security.SSLInformationAssociationHandler.handl
eRequest(SSLInformationAssociationHandler.java:131)
        at
io.undertow.servlet.handlers.security.ServletAuthenticationCallHandler.handl
eRequest(ServletAuthenticationCallHandler.java:57)
        at
io.undertow.server.handlers.PredicateHandler.handleRequest(PredicateHandler.
java:43)
        at
io.undertow.security.handlers.AbstractConfidentialityHandler.handleRequest(A
bstractConfidentialityHandler.java:46)
        at
io.undertow.servlet.handlers.security.ServletConfidentialityConstraintHandle
r.handleRequest(ServletConfidentialityConstraintHandler.java:64)
        at
io.undertow.security.handlers.AuthenticationMechanismsHandler.handleRequest(
AuthenticationMechanismsHandler.java:60)
        at
io.undertow.servlet.handlers.security.CachedAuthenticatedSessionHandler.hand
leRequest(CachedAuthenticatedSessionHandler.java:77)
        at
io.undertow.security.handlers.NotificationReceiverHandler.handleRequest(Noti
ficationReceiverHandler.java:50)
        at
io.undertow.security.handlers.AbstractSecurityContextAssociationHandler.hand
leRequest(AbstractSecurityContextAssociationHandler.java:43)
```

```
        at
io.undertow.server.handlers.PredicateHandler.handleRequest(PredicateHandler.
java:43)
        at
org.wildfly.extension.undertow.security.jacc.JACCContextIdHandler.handleRequ
est(JACCContextIdHandler.java:61)
        at
io.undertow.server.handlers.PredicateHandler.handleRequest(PredicateHandler.
java:43)
        at
org.wildfly.extension.undertow.deployment.GlobalRequestControllerHandler.han
dleRequest(GlobalRequestControllerHandler.java:68)
        at
io.undertow.server.handlers.PredicateHandler.handleRequest(PredicateHandler.
java:43)
        at
io.undertow.servlet.handlers.ServletInitialHandler.handleFirstRequest(Servle
tInitialHandler.java:292)
        at
io.undertow.servlet.handlers.ServletInitialHandler.access$100(ServletInitial
Handler.java:81)
        at
io.undertow.servlet.handlers.ServletInitialHandler$2.call(ServletInitialHand
ler.java:138)
        at
io.undertow.servlet.handlers.ServletInitialHandler$2.call(ServletInitialHand
ler.java:135)
        at
io.undertow.servlet.core.ServletRequestContextThreadSetupAction$1.call(Servl
etRequestContextThreadSetupAction.java:48)
        at
io.undertow.servlet.core.ContextClassLoaderSetupAction$1.call(ContextClassLo
aderSetupAction.java:43)
        at
org.wildfly.extension.undertow.security.SecurityContextThreadSetupAction.lam
bda$create$0(SecurityContextThreadSetupAction.java:105)
        at
org.wildfly.extension.undertow.deployment.UndertowDeploymentInfoService$Unde
rtowThreadSetupAction.lambda$create$0(UndertowDeploymentInfoService.java:150
8)
        at
org.wildfly.extension.undertow.deployment.UndertowDeploymentInfoService$Unde
rtowThreadSetupAction.lambda$create$0(UndertowDeploymentInfoService.java:150
8)
        at
org.wildfly.extension.undertow.deployment.UndertowDeploymentInfoService$Unde
rtowThreadSetupAction.lambda$create$0(UndertowDeploymentInfoService.java:150
8)
        at
org.wildfly.extension.undertow.deployment.UndertowDeploymentInfoService$Unde
```

```
rtowThreadSetupAction.lambda$create$0(UndertowDeploymentInfoService.java:150
8)
        at
io.undertow.servlet.handlers.ServletInitialHandler.dispatchRequest(ServletIn
itialHandler.java:272)
        at
io.undertow.servlet.handlers.ServletInitialHandler.access$000(ServletInitial
Handler.java:81)
        at
io.undertow.servlet.handlers.ServletInitialHandler$1.handleRequest(ServletIn
itialHandler.java:104)
        at
io.undertow.server.Connectors.executeRootHandler(Connectors.java:326)
        at
io.undertow.server.HttpServerExchange$1.run(HttpServerExchange.java:812)
        at
java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:11
49)
        at
java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:6
24)
        at java.lang.Thread.run(Thread.java:748)
Caused by: java.lang.ClassNotFoundException: scouter.agent.trace.TraceMain
from [Module "javax.servlet.api" from local module loader @3cb5cdba (finder:
local module finder @56cbfb61 (roots:
/app/jboss/modules,/app/jboss/modules/system/layers/base))]
        at
org.jboss.modules.ModuleClassLoader.findClass(ModuleClassLoader.java:198)
        at
org.jboss.modules.ConcurrentClassLoader.performLoadClassUnchecked(Concurrent
ClassLoader.java:412)
        at
org.jboss.modules.ConcurrentClassLoader.performLoadClass(ConcurrentClassLoad
er.java:400)
        at
org.jboss.modules.ConcurrentClassLoader.loadClass(ConcurrentClassLoader.java
:116)
        ... 39 more
```

scouter java agent 설정시 문서에 나와있는데로 javagent와 scouter.conf 설정만 하면 정상동작하는것이 아니라 system.pkgs 에 scouter 관련 패키지명을 함께 등록하여 주어야 한다. 아래와 같이 JAVA_OPTS 에 `-Djboss.modules.system.pkgs=scouter`를 추가해 준다.

```
### scouter agent
JAVA_OPTS="$JAVA_OPTS -
javaagent:/app/scouter/scouter/agent.java/scouter.agent.jar"
JAVA_OPTS="$JAVA_OPTS -
Dscouter.config=/app/scouter/scouter/agent.java/conf/test11.conf"
```

```
### byteman, scouter module setting
JAVA_OPTS="$JAVA_OPTS -Djboss.modules.system.pkgs=org.jboss.byteman,scouter"
```

참조사항

From:
https://atl.kr/dokuwiki/ - **AllThatLinux!**

Permanent link:
https://atl.kr/dokuwiki/doku.php/scouter_java_agent_%EC%84%A4%EC%A0%95%EC%8B%9C_%EC%A3%BC%EC%9D%98%ED%95%A0%EC%A0%90

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