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Eclipse 에서 Subversive(SVN) 사용시 NoClassDefFoundError TabFolderLayout

Eclipse 2024-12 버전에서 SVN 4.X 버전이 정상적으로 동작하지 않는 문제

발생 오류 java.lang.NoClassDefFoundError: org/eclipse/compare/internal/TabFolderLayout

```
java.lang.RuntimeException: java.lang.NoClassDefFoundError:
org/eclipse/compare/internal/TabFolderLayout
at
org.eclipse.team.svn.core.svnstorage.SVNRepositoryLocation.acquireSVNProxy(S
VNRepositoryLocation.java:632)
at
org.eclipse.team.svn.core.operation.local.RemoteStatusOperation.runImpl(Remo
teStatusOperation.java:152)
at
org.eclipse.team.svn.core.operation.AbstractActionOperation.run(AbstractActi
onOperation.java:82)
at
org.eclipse.team.svn.core.utility.ProgressMonitorUtility.doTask(ProgressMoni
torUtility.java:104)
at
org.eclipse.team.svn.core.operation.CompositeOperation.runImpl(CompositeOper
ation.java:99)
at
org.eclipse.team.svn.core.operation.AbstractActionOperation.run(AbstractActi
onOperation.java:82)
at
org.eclipse.team.svn.core.operation.LoggedOperation.run(LoggedOperation.java
:40)
at
org.eclipse.team.svn.core.utility.ProgressMonitorUtility.doTask(ProgressMoni
torUtility.java:104)
at
org.eclipse.team.svn.core.utility.ProgressMonitorUtility.doTaskExternal(Prog
ressMonitorUtility.java:90)
at
org.eclipse.team.svn.core.synchronize.AbstractSVNSubscriber.findChanges(Abst
ractSVNSubscriber.java:386)
at
org.eclipse.team.svn.core.synchronize.AbstractSVNSubscriber$UpdateStatusOper
ation2.run(AbstractSVNSubscriber.java:430)atorg.eclipse.team.svn.core.utilit
y.ProgressMonitorUtility.doSubTask(ProgressMonitorUtility.java:118)atorg.ecl
ipse.team.svn.core.operation.AbstractActionOperation.protectStep(AbstractAct
ionOperation.java:156)atorg.eclipse.team.svn.core.operation.AbstractActionOp
```

```
eration.protectStep(AbstractActionOperation.java:151)atorg.eclipse.team.svn.
core.synchronize.AbstractSVNSubscriber2.run(AbstractSVNSubscriber.java:430)
at
org.eclipse.team.svn.core.utility.ProgressMonitorUtility.doSubTask(ProgressM
onitorUtility.java:118) at
org.eclipse.team.svn.core.operation.AbstractActionOperation.protectStep(Abst
ractActionOperation.java:156) at
org.eclipse.team.svn.core.operation.AbstractActionOperation.protectStep(Abst
ractActionOperation.java:151) at
org.eclipse.team.svn.core.synchronize.AbstractSVNSubscriber2.run(AbstractSVN
Subscriber.java:430)atorg.eclipse.team.svn.core.utility.ProgressMonitorUtili
ty.doSubTask(ProgressMonitorUtility.java:118)atorg.eclipse.team.svn.core.ope
ration.AbstractActionOperation.protectStep(AbstractActionOperation.java:156)
atorg.eclipse.team.svn.core.operation.AbstractActionOperation.protectStep(Ab
stractActionOperation.java:151)atorg.eclipse.team.svn.core.synchronize.Abstr
actSVNSubscriberUpdateStatusOperation.runImpl(AbstractSVNSubscriber.java:428
)
at
org.eclipse.team.svn.core.operation.AbstractActionOperation.run(AbstractActi
onOperation.java:82)
at
org.eclipse.team.svn.core.operation.LoggedOperation.run(LoggedOperation.java
:40)
at
org.eclipse.team.svn.core.utility.ProgressMonitorUtility.doTask(ProgressMoni
torUtility.java:104)
at
org.eclipse.team.svn.core.utility.ProgressMonitorUtility.doTaskExternal(Prog
ressMonitorUtility.java:90)
at
org.eclipse.team.svn.core.utility.ProgressMonitorUtility.doTaskExternal(Prog
ressMonitorUtility.java:81)
at
org.eclipse.team.svn.core.synchronize.AbstractSVNSubscriber.refresh(Abstract
SVNSubscriber.java:243)
at
org.eclipse.team.svn.core.synchronize.UpdateSubscriber.refresh(UpdateSubscri
ber.java:75)
at org.eclipse.team.core.subscribers.Subscriber.refresh(Subscriber.java:471)
at
org.eclipse.team.core.subscribers.SubscriberMergeContext.refresh(SubscriberM
ergeContext.java:88)
at
org.eclipse.team.core.mapping.provider.SynchronizationContext.refresh(Synchr
onizationContext.java:105)
at
org.eclipse.team.internal.ui.synchronize.RefreshModelParticipantJob.doRefres
h(RefreshModelParticipantJob.java:81)
at
org.eclipse.team.internal.ui.synchronize.RefreshParticipantJob.run(RefreshPa
```

```
rticipantJob.java:332)
at
org.eclipse.team.internal.ui.synchronize.RefreshModelParticipantJob.run(Refr
eshModelParticipantJob.java:136)
at org.eclipse.core.internal.jobs.Worker.run(Worker.java:63)
Caused by: java.lang.NoClassDefFoundError:
org/eclipse/compare/internal/TabFolderLayout
at
org.eclipse.team.svn.ui.UIOptionProvider.getCredentialsPrompt(UIOptionProvid
er.java:48)
at
org.eclipse.team.svn.core.svnstorage.SVNRepositoryLocation.newProxyInstance(
SVNRepositoryLocation.java:848)
at
org.eclipse.team.svn.core.svnstorage.SVNRepositoryLocation.acquireSVNProxy(S
VNRepositoryLocation.java:614)
... 28 more
Caused by: java.lang.ClassNotFoundException:
org.eclipse.compare.internal.TabFolderLayout cannot be found by
org.eclipse.team.svn.ui_4.8.0
at
org.eclipse.osgi.internal.loader.BundleLoader.generateException(BundleLoader
.java:562)
at
org.eclipse.osgi.internal.loader.BundleLoader.findClass0(BundleLoader.java:5
57)
at
org.eclipse.osgi.internal.loader.BundleLoader.findClass(BundleLoader.java:43
4)
at
org.eclipse.osgi.internal.loader.ModuleClassLoader.loadClass(ModuleClassLoad
er.java:174)
at java.base/java.lang.ClassLoader.loadClass(ClassLoader.java:528)
... 31 more
```

해결방법

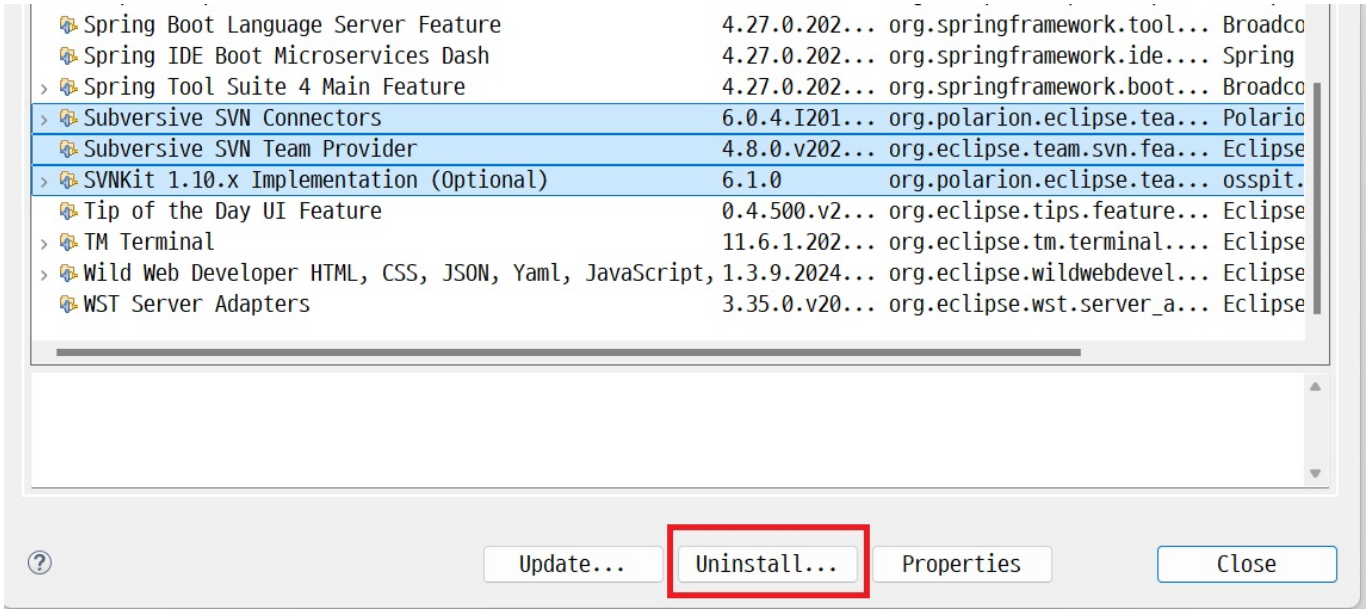
여러가지 방법이 있지만 최신 Subversive로 업그레이드 하는것을 권장한다.

일단 기존 설치된 Subversive를 제거해야한다.

메뉴에서 `Help - About Eclipse IDE` 를 선택하면 아래와 같은 화면이 나온다.



아래쪽 Installation Details를 선택한다.



기존에 설치된 Subversive관련 패키지들을 모두 제거한다.

모두 제거가 되면 이클립스가 재실행 된다. 이후에 최신버전으로 재 설치하면 된다.

최신버전은

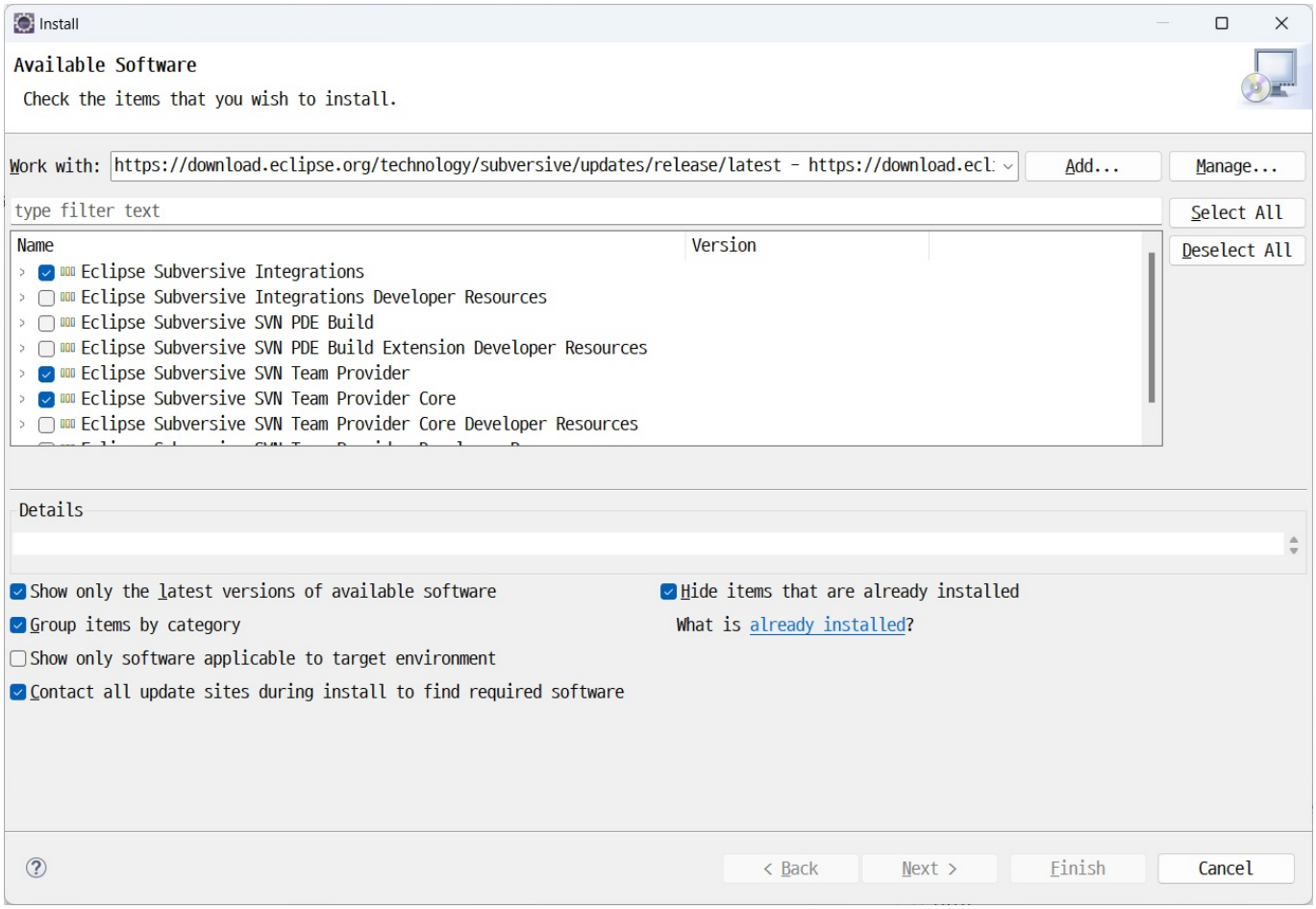
https://download.eclipse.org/technology/subversive/updates/release/latest/index.html

링크에서 확인할 수 있으며 설치 방법은 아래와 같다.

메뉴에서 Help - Install New Software 를 선택한 후 아래 레포지토리를 등록한다.

https://download.eclipse.org/technology/subversive/updates/release/latest

그리고 최신버전의 Subversive를 설치하면 된다.



관련 링크

- https://github.com/eclipse-platform/eclipse.platform.swt/issues/1317
- https://gitlab.eclipse.org/eclipse/subversive/subversive/-/issues/260

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

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https://atl.kr/dokuwiki/doku.php/eclipse_%EC%97%90%EC%84%9C_subversive_svn_%EC%82%AC%EC%9A%A9%EC%8B%9C_noclassdeffounderror_tabfolderlayout

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