

1. How to change Eclipse jdk build version

on project -> build.xml right click. build with external Tools configuraitons in JRE table select the jdk version you want.

2. the Mapping of EI and Jenkins build

ALM	EI
ALM11.52Patch10	EI11.52Patch10
ALM12.01Patch05	EI12.01Patch10
ALM12.21Patch05	EI12.21Patch10
ALM12.55	EI12.55(master)
ALM14	EI14(SSO)

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EI/APM Jenkins build path:

<http://mvdtd0093.hpeswlab.net:8888/jenkins/view/3rd-Party/view/APM-CI/>

There are will exist 6 jenkins build for EI (X>0, X=1,2,3,4,5...), now X=5

EI12.01->EI12.01PatchX

EI12.21->EI12.21PatchX

EI12.55->EI(master)

EI14->EI 14

EI hotfix

EI digital signature

Each time you provide hotfix to customer you need to check in the hotfix to all highest branch(X).

Example: one hotfix on EI12.01 Patch02. Now you need you check whether this error exist in EI12.01PatchX, EI12.21PatchX, master, and EI 14.

For EI12.55, in Jenkins build EI12.55, the code branch mapped to master(in stash). each time when ALM12.55X is in code freeze stage. You need to create a new branch from master named EI12.55X.

And ask DingChen to change Jenkins EI12.55' s parameter:

And if you need to commit code to master and want to build in Jenkins, you can modify the hotfix build parameter point to master.

3. hotfix digital signature

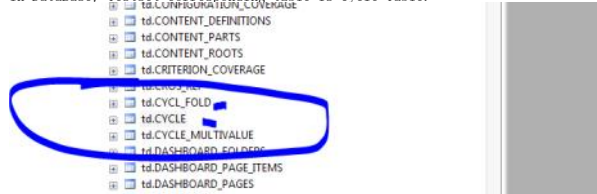
<http://mvdtd0093.hpeswlab.net:8888/jenkins/user/dingc/mv-views/view/common-jobs/job/Manual-Sign-SignHP/>

1: just put the hotfix file in to the corresponding folder.

2: trigger the build.

4. Test Set

In Database, TestSet corresponding table is Cycle Table.



5. unlock in Solman GUI

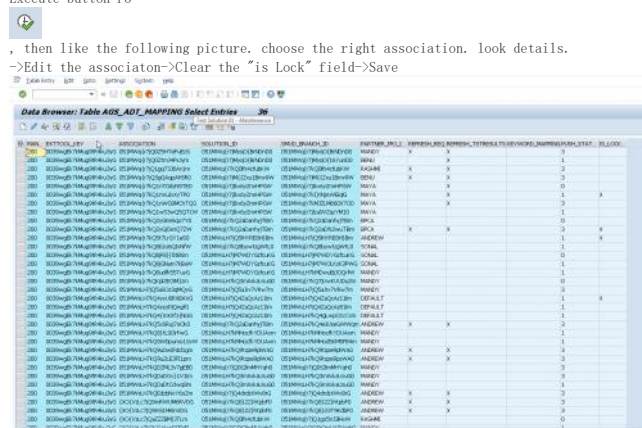
For Solman 7.2

1: sel6 transaction

2: input

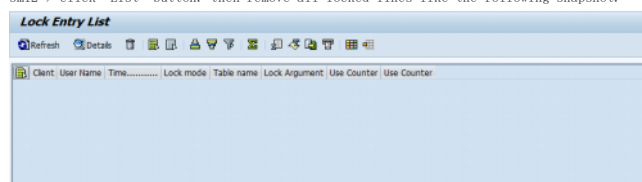
SE16->Table "AGS\_ADT\_MAPPING "

Execute button F8



For Solman7.1

sm12-> click "List" button. then remove all locked lines like the following snapshot.



6. .Class and JDK version

You're looking for this on the command line (for a class called MyClass):

On Unix/Linux:

javap -verbose MyClass | grep "major"

On Windows:

javap -verbose MyClass | findstr "major"

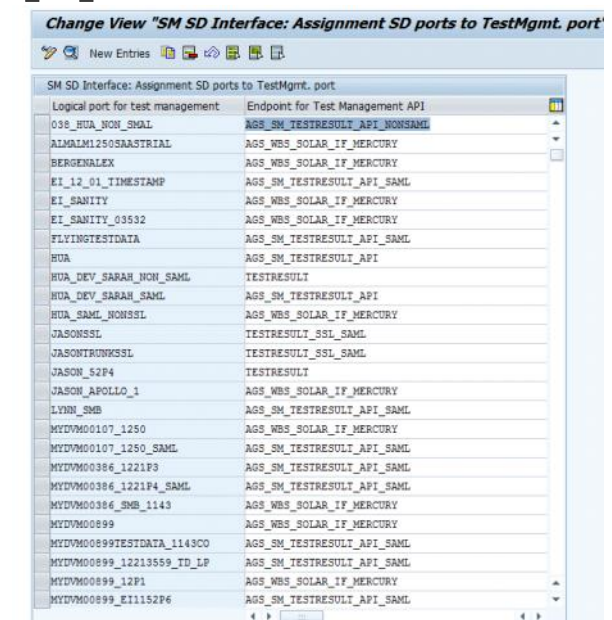
EI14: problems need to be solved <http://data.hpe.com/hpeswlab>

1. spro quick linkage

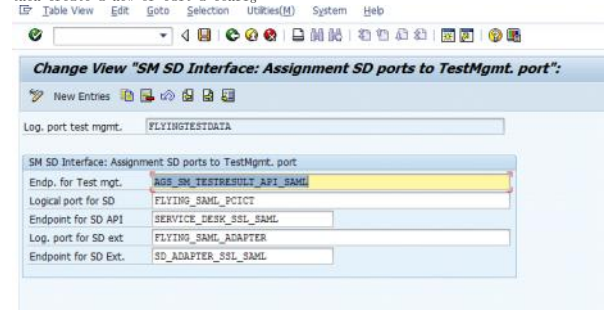
In solman 7.1

go into this transaction, this for solman.7.1 after you finish webservice configuration. you need to go to this transaction to config this port.

S\_SD7\_70000221



then create a new or edit a config



2. remote debug for ALM

for EI dev, when QA tests EI and find some problem in internal deployment server machine, and you can't reproduce this problem in your local environment, you can use remote debug to check this scenario.

Step 1: login deployment's machine, find wrapper.conf file in deployment path and edit it as the following:

In wrapper.conf file

#wrapper.java.additional.21=-Xdebug

#wrapper.java.additional.22=-Xnoagent

#wrapper.java.additional.23=-Djava.compiler=NONE

#wrapper.java.additional.24=-

Xrunjdp:transport=dt\_socket,server=y,suspend=n,address=5005

remove '#'

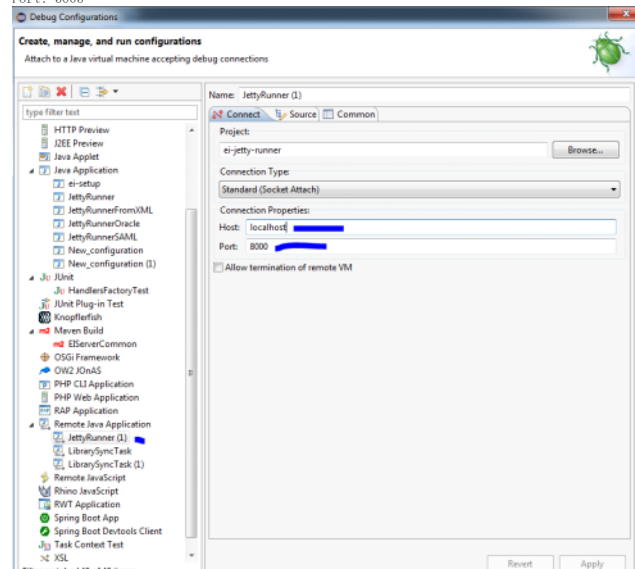
don't forget restart the deployment server.

then you can use eclipse to remote debug in your local Eclipse.

Notes: the dev local project alm code's version should be the same with the deployed alm version.

Host: the deployment server's ip

Port: 5005



EI14: problems need to be solved <http://note.youdao.com/share/?id=8b54c7148c6330fc9f7f5ee5960dc96d&type=notebook#/F17AD22688D04133BDB1852B933B45E4>  
 EI issues in configuration: <http://note.youdao.com/share/?id=8b54c7148c6330fc9f7f5ee5960dc96d&type=notebook#/59B36451FD08446F91254D44627907D9>  
 remain task: <http://note.youdao.com/share/?id=8b54c7148c6330fc9f7f5ee5960dc96d&type=notebook#/F3FA380FD02E41139F4495ACC35645A9>  
 Defect synchronization ( sync, assign responsibility, propose solution)  
<http://note.youdao.com/share/?id=8b54c7148c6330fc9f7f5ee5960dc96d&type=notebook#/FDF27DB275CC42BDBACDE1D5266A8D91>



### 3. SSL+SMAL wiki

<https://rtdwiki.houston.softwaregrn.net/confluence/display/UFT/Secure+API+Configuration+Guide>

In dev environment, when config \*TESTRESULT\* in soamanager, set the bindingname with

**AGS\_SM\_TESTRESULT\_API Not**

Then config in SPRO, config corresponding parameters.

copy SAMLClientRepository.xml to

SAMLClientRepository.class compile file path target/.../

copy clientRepository.xml and other files to the right place in code folder near

SMFieldsMetadata.xml

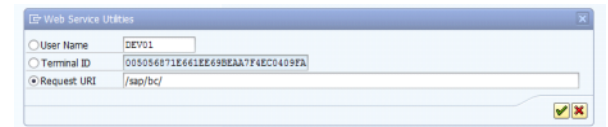
replace cxf-rt-ws-security.jar in .m2 with corresponding file in code path, search by everything.

create keywords in Strust transaction.

don't forget replace accerts file to java/security/accerts

### 4. OutBound Messages

srt\_util new users add configuration active high active save configuraiton. include function trac and performance trace



request URI. remove the end charchaters keeping /sap/bc/