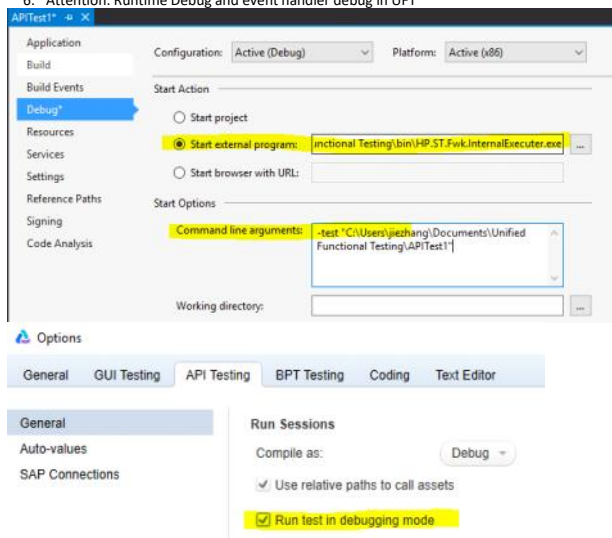


DEBUG && LOG

Wednesday, May 31, 2017 5:19 PM

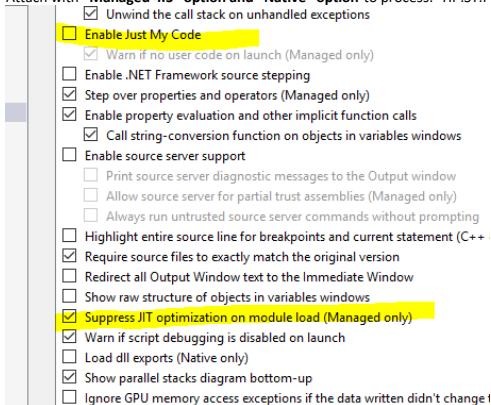
C# Project

1. Uncheck project's optimization
2. Build project and get the DLL
3. Replace same DLL under %UFT% directory. (Suggestion: use "Everything" to find the DLL in UFT directory)
4. Add necessary Environment such as "DebugSTRuntime=1", "ST_Debug=true",
5. Attach with "Managed 4.5" option to related process: "UFT.exe" or "dllhost.exe" or "HP.ST.Fwk.InternalExecuter.exe" or "ComWrapperRemoteAgent.exe"
6. Attention: Runtime Debug and event handler debug in UFT



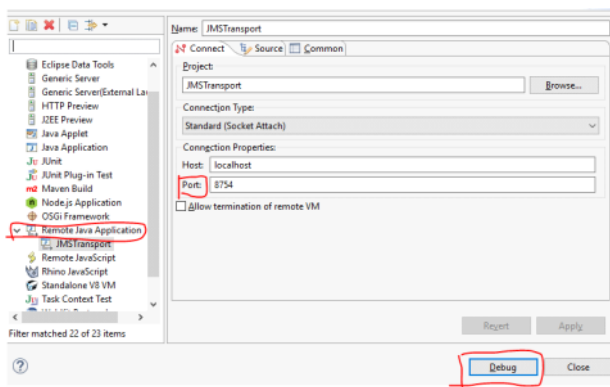
Managed C++ Project

1. Uncheck project's optimization
2. Uncheck VS's "Enable just my code" and check "Suppress JIT"
3. Build project and get the DLL
4. Replace same DLL under %UFT% directory. (Suggestion: use "Everything" to find the DLL in UFT directory)
5. Add necessary Environment such as "DebugSTRuntime=1", "ST_Debug=true",
6. Set breakpoint (such as add Environment "DebugSTRuntime") before loading DLL in which you want to debug code. Important!!!
7. Attach with "Managed 4.5" option and "Native" option to process: "HP.ST.Fwk.InternalExecuter.exe"



Java Project

1. Use relative build file (such as Ant build file: build.xml) to build project
2. Set Environment "JNI_DEBUG_PORT=8000" and "JNI_DEBUG_SUSPEND=y"
3. Build project and get the DLL
4. Replace same DLL under %UFT% directory. (Suggestion: use "Everything" to find the DLL in UFT directory)
5. Right click project -> "Debug AS" -> "Debug configurations" -> Remote Java Application -> "Connect" tab -> Edit information such as host and port. -> "Debug" button



UFT Log

Log.config.xml

ALM API test project Log

1. Scheduler log

Scheduler (Automation Runner): @ C:\Windows\mercury.ini
[ExecSchedulerLog]

CreateLog=y

LogFile=C:\QCLogs\Scheduler.log

LogMaxLines=90000

2. ST remote agent log

Set environment "ST_DEBUG_LOGGING" = true

Get file named like "***remoteagenthelper***.log" under "%temp%\Hewlett-Packard\UFT\Logs"

ALM API business component log

API JMS project Log:

"HP.ST.Ext.JMSTransport" log ?? Not sure and need research

"UserLogger" log configured in vtd_user.log under test folder

如何用filezillar浏览ALM server Repository文件

1. 在ALM Site Administration的Site Configuration 里添加参数FTP_PORT = 21
2. 打开Filezillar, 左上角连接alm server, Port=21

QTP

1. copy the out dll dir from 206 and extract it in the according dir in the code
2. setenv from cmd
3. open your project from above cmd window
4. choose the Unicode release
5. remove the out path in the .rc file if build fails.