SearchGold - Most of the data files are stored here.

1. Open a command line window
2. Switch to a folder, where you want to put the source code, e.g. d:\sd
3. Create a subfolder for your enlistment, e.g. d:\sd\SearchGold
4. Under d:\sd\SearchGold, run the following command:
   1. [\\codeinfo\enlist\data\enlistme](file:///\\codeinfo\enlist\data\enlistme) SearchGold
5. Click the new created icon on your desktop. This will open a command line terminal configured to work with your enlistment.

corext 
„searchgold 

1. Run "cat sd.ini" and remember the value of SDClient. (Mine was RIGUY-WORKTOWER-SearchGold-1)
2. Run "sd client". This will open a notepad with some client configuration details. Under "view" you'll see some lines like the following (but %ClientName% will be filled in with your client name from above).

//depot/public/... //%ClientName%/public/…

//depot/tools/... //%ClientName%/tools/...

//depot/deploy/builds/data/latest/autopilotXML/... //%ClientName%/deploy/builds/data/latest/autopilotXML/...

//depot/deploy/builds/data/latest/xmlgen/... //%ClientName%/deploy/builds/data/latest/xmlgen/...

//depot/autopilotService/... //%ClientName%/autopilotService/...

//depot/dapple/... //%ClientName%/dapple/...

1. Paste the green lines below (please use your %ClientName% not YIRANSHEN-SearchGold-1, the difference from 7 is to enlist MMCB and not list the builds)

//depot/... //YIRANSHEN-SearchGold-1/...

-//depot/AutopilotService/... //YIRANSHEN-SearchGold-1/AutopilotService/...

-//depot/Dapple/... //YIRANSHEN-SearchGold-1/depot/Dapple/...

-//depot/deploy/... //YIRANSHEN-SearchGold-1/deploy/...

-//depot/dev/... //YIRANSHEN-SearchGold-1/dev/...

-//depot/deploy/builds/... //YIRANSHEN-searchgold-1/deploy/builds/...

//depot/deploy/builds/data/latest/MMCB/... //YIRANSHEN-searchgold-1/deploy/builds/data/latest/MMCB/...

1. Run "sd sync" which updates your copy of the enlistment. Run from corext searchgold terminal that you opened earlier.

Code submission issue

Exception Info: Microsoft.Autopilot.Vlad.VirtualEnvironmentFlattenFailedException: FlattenVirtualEnvsToPhysicalEnvs failed. Could not load file or assembly 'microsoft.search.autopilot.dll' or one of its dependencies. The specified module could not be found. ---> System.IO.FileNotFoundException: Could not load file or assembly 'microsoft.search.autopilot.dll' or one of its dependencies. The specified module could not be found.

at Microsoft.Autopilot.Vlad.FileProvider.FlattenVirtualEnvsToPhysicalEnvs(List`1 testFileList, List`1& finalTestFileList)

at Microsoft.Autopilot.Vlad.CheckinWizard.CheckinWizardFileProvider.GetTestFiles() in e:\bt\542037\private\test\tools\VLAD\Microsoft.Autopilot.Vlad.CheckinWizard\src\CheckinWizardFileProvider.cs:line 117

--- End of inner exception stack trace ---

at Microsoft.Autopilot.Vlad.CheckinWizard.CheckinWizardFileProvider.GetTestFiles() in e:\bt\542037\private\test\tools\VLAD\Microsoft.Autopilot.Vlad.CheckinWizard\src\CheckinWizardFileProvider.cs:line 121

at Microsoft.Autopilot.Vlad.CheckinWizard.CheckinWizardFileProvider..ctor(ComponentHelper helper) in e:\bt\542037\private\test\tools\VLAD\Microsoft.Autopilot.Vlad.CheckinWizard\src\CheckinWizardFileProvider.cs:line 53

at Microsoft.Autopilot.Vlad.CheckinWizard.RunVladComponent.Run() in e:\bt\542037\private\test\tools\VLAD\Microsoft.Autopilot.Vlad.CheckinWizard\src\RunVladComponent.cs:line 56

at Microsoft.AutoProcess.Controller.ComponentBase.Microsoft.AutoProcess.Controller.IComponent.Run(ComponentResultCode ePreviousCode) in e:\bt\308306\private\DevTools\autoprocess\Core\Controller\Component\ComponentBase.cs:line 58

[6/14/2021 2:27:25 PM] TOOL OPERATIONS SQM INSTRUMENTATION INFO:

OPERATION - Name:[Initialize file list];Detail1:[25914064];Detail2:[LoadSC];Detail3:[UnhandledException];DurationInMS:[171297];ExitCode:[Failure];ExitMsg:[FlattenVirtualEnvsToPhysicalEnvs failed. Could not load file or assembly 'microsoft.search.autopilot.dll' or one of its dependencies. The specified module could not be found. - Could not load file or assembly 'microsoft.search.autopilot.dll' or one of its dependencies. The specified module could not be found.];IsCommitted:[True];ID:[a2eadc2e-48b9-4b94-94c0-f024f4a23214];

[6/14/2021 2:27:25 PM] \*\*\*\* FATAL EXCEPTION \*\*\*\*

Microsoft.Autopilot.Vlad.VirtualEnvironmentFlattenFailedException: FlattenVirtualEnvsToPhysicalEnvs failed. Could not load file or assembly 'microsoft.search.autopilot.dll' or one of its dependencies. The specified module could not be found. ---> System.IO.FileNotFoundException: Could not load file or assembly 'microsoft.search.autopilot.dll' or one of its dependencies. The specified module could not be found.

at Microsoft.Autopilot.Vlad.FileProvider.FlattenVirtualEnvsToPhysicalEnvs(List`1 testFileList, List`1& finalTestFileList)

at Microsoft.Autopilot.Vlad.CheckinWizard.CheckinWizardFileProvider.GetTestFiles() in e:\bt\542037\private\test\tools\VLAD\Microsoft.Autopilot.Vlad.CheckinWizard\src\CheckinWizardFileProvider.cs:line 117

--- End of inner exception stack trace ---

at Microsoft.Autopilot.Vlad.CheckinWizard.CheckinWizardFileProvider.GetTestFiles() in e:\bt\542037\private\test\tools\VLAD\Microsoft.Autopilot.Vlad.CheckinWizard\src\CheckinWizardFileProvider.cs:line 121

at Microsoft.Autopilot.Vlad.CheckinWizard.CheckinWizardFileProvider..ctor(ComponentHelper helper) in e:\bt\542037\private\test\tools\VLAD\Microsoft.Autopilot.Vlad.CheckinWizard\src\CheckinWizardFileProvider.cs:line 53

at Microsoft.Autopilot.Vlad.CheckinWizard.RunVladComponent.Run() in e:\bt\542037\private\test\tools\VLAD\Microsoft.Autopilot.Vlad.CheckinWizard\src\RunVladComponent.cs:line 56

at Microsoft.AutoProcess.Controller.ComponentBase.Microsoft.AutoProcess.Controller.IComponent.Run(ComponentResultCode ePreviousCode) in e:\bt\308306\private\DevTools\autoprocess\Core\Controller\Component\ComponentBase.cs:line 78

at Microsoft.AutoProcess.Controller.Controller.RunProcesses() in e:\bt\308306\private\DevTools\autoprocess\Core\Controller\Controller\Controller.cs:line 700

at Microsoft.AutoProcess.Controller.APConsole.ThreadProc() in e:\bt\308306\private\DevTools\autoprocess\Core\console\APConsole.cs:line 209

Solution:

Dependency Walker shows I lack MSVCR110.dll, which is Microsoft Visual C++ Redistributable 2012 (MS = Microsoft, V = Visual, C = C++, R = Redistributable). Download it [here](http://www.microsoft.com/en-us/download/details.aspx?id=30679).