IBM iAccess (Java) Setup Guide for Foxtrot RPA

Revised 07/22/19

Setup Steps - IBM iAccess is a Java application which requires these specific setup steps before it can be automated using Foxtrot RPA. You must have Java 32 Bit installed even if you have a 64 Bit Machine for Foxtrot to connect to your emulator:

- 1. Download and install Foxtrot RPA v14.6 or later version, available here: <u>http://www.enablesoft.com/latestversion</u>
- Ensure the emulator meets or exceeds version 1.1.8.2 (build 9170) as displayed in the About Box. If a supported version of the emulator is installed, go down to Continue here if you have the emulator

IBM i Access Client Solutions (32-bit) Version: 1.1.8.2 Build id: 9170 2019-04-22 09:58:48 C:\Users\Public\IBM\ClientSolutions\acsbundle.jar java.version: 1.8.0_201 java.vendor: Oracle Corporation java.home: C:\Program Files (x86)\Java\jre1.8.0_201 Copyright(c) IBM Corporation 2012, 2019 All Rights Reserved	🕛 About		\times
	for Business	IBM i Access Client Solutions (32-bit) Version: 1.1.8.2 Build id: 9170 2019-04-22 09:58:48 C:\Users\Public\IBM\ClientSolutions\acsbundle.jar java.version: 1.8.0_201 java.vendor: Oracle Corporation java.home: C:\Program Files (x86)Uava\jre1.8.0_201 Copyright(c) IBM Corporation 2012, 2019 All Rights Reserved	

3. If a supported version of the emulator is not installed, you may download a supported version here:

https://www-01.ibm.com/support/docview.wss?uid=isg3T1026805

Once downloaded, unzip the file into a designated folder. Place the folder on your desktop for convenience.

If you don't have one, there are links on that page to request one, or see if you have one and reset the password. If you take the link to download the Base Package you will get the latest update for the Java based client including the 5250 emulator in the "IBMiAccess_v1r1.zip" file.

The latest EHLLAPI bridge is listed and downloaded as the file "acshllapi.exe" Both of these are the same file name as the previous version(s) so be careful keeping those clear.

Unzipping the file downloaded in Step 3 will reveal the following folders and files: 4.



Place the files into the same directory. You should now see the *acslaunch_win-32.exe* file in the following directory: [Desktop] \ IBMiAccess_v1r1 \Start_Programs \ Windows_i386-32

Continue here if you have the emulator:

5. Ensure the IBM iAccess Client Solutions EHLLAPI Bridge 8.9.112 is installed. It should appear in the list of installed applications in Windows. If it is already installed, go down to Continue here if you have the EHLLAPI Bridge

💿 Google Chrome	Google LLC	6/17/2019	56.4 MB	75.0.3770.142
🛆 Google Drive File Stream	Google, Inc.	7/8/2019		32.0.11.0
BM i Access Client Solutions EHLLAPI Bridge 8.19	IBM	5/10/2019	709 KB	8.19.112
😹 Intel® Graphics Driver	Intel Corporation	3/15/2019	74.2 MB	25.20.100.6519
🕌 Java 8 Update 201	Oracle Corporation	3/19/2019	102 MB	8.0.2010.9

6. To install the EHLLAPI Bridge, run the file included in the earlier download:

[Desktop] \ IBMiAccess_v1r1 \acshllapi.exe

When the installer window appears, walk thru each step to install the EHLLAPI Bridge:





Continue here if you have the EHLLAPI Bridge

7. Navigate to the EHLLAPI Bridge install directory (*C:\Program Files (x86)\IBM\EHLLAPI*) and copy the following files into the Emulator Directory:

([Desktop]\ IBMiAccess_v1r1\Start_Programs\Windows_i386-32):

- 🗟 acsha.dll pcsapi32.dll 🖏 acsha64.dll pcshll32.dll 🗟 acshajni.dll pcsutl32.dll atmapi32.bas pcswsapi.dll 🖏 atmapi32.dll e readme 🗟 EHLAPI32.dll 🖏 saahlapi.dll EHLLAPIBridgeLicense utl_functions.bas 🔲 🗟 WHLAPI32.dll gbl_Globals.bas BMGlobals.bas
- Launch the IBM Session Manager by running this executable: [Desktop]\ IBMiAccess_v1r1\Start_Programs\Windows_i386-32/ acslaunch_win-32.exe

The following window will appear:

🕌 Working	×
Starting	

9. When the IBM iAccess Client Solutions window appears, click the 5250 Session Manager link:



Edit View Tools Help	
Configured Sessions	
	Start
	New Display Session
	New Printer Session
	New Multiple Sessions

10. When the Session Manager window appears, click the New Display Session button:

11. When the **5250 Display** window appears, set the **Session Name** value to "Foxtrot RPA Display". Enter the **Destination Address** with the user's Host IP Address (this can be obtained from the customer, or bylooking at the settings of an existing session):

Connection	Connection		
Advanced Associated Printer	Session Name	Foxtrot RPA Display	
Backup Servers TLS/SSL	Destination Address	PUB1.RZKH.DE	
SLP	Destination Port	23	
 Screen Font 	Protocol	Use IBM i Access Client Soluti	ons setting 🗸 👻
Print Screen Preferences 	Workstation ID		Generate
Start Options	Screen Size	24x80	•
Language	Host Code Page	037 United States	•

12. Next, select the **Start Options** view and set the **Session ID** to **A**. Click the **OK** button at the bottom of the window to launch the Session.

Connection	Start Options		
Advanced Associated Printer	Session ID	A	•
Backup Servers	Auto-Start Options		
TLS/SSL SLP	Macro	None	•
Screen	Name		
Print Screen	Parameter (Optional)		
Preferences			
Start Options	Auto-start HLLAPI Enabler	Yes No	

 Wait for the Emulator Session to come up and connect to the host. Confirm the titlebar reads A – Foxtrot RPA Display:



- 14. On the menu, click **"File -> Save As"** and save the Session File to the desktop and name the file *FoxtrotRPA.hod*
- 15. On the View menu, UNCHECK the Toolbar and Status Bar options.



16. The Emulator window should now appear with no **Toolbar** or **Status Bar**:

A - Foxtrot RPA Display	
File Edit View Communication Actions Window Help	
22 Weissen is the best System name: PDB3 Sa Discreme/Densition: Pa	hoeven pointin HEZABBE << https://www.spinites.com/communications/ second
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Advanced data processing	 Please remember - this server with be shat down very seen. Highate now to http://Please.com
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sti n	047032

17. Warning: This step must be performed AFTER the Toolbar and Status Bar are turned off. On the View menu, *UNCHECK* the Menu option.



18. The Emulator window should now appear with no **Menu**:

🖳 A - Foxtrot RPA Display	
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System name: PUBS	orgeten gintens devicement generation feature : feature, bland).
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advanced data processing	
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- 19. Reduce the **window width** until just before the screen text snaps to a smaller size. (There should be no "black dead space" on the left or right side of the display. This step is important and allows Foxtrot RPA to box in coordinates properly.)
- 20. Reduce the **window height** until just before the screen text snaps to a smaller size. (There should be no "black dead space" above or below the display. This step is important and allows Foxtrot RPA to box in coordinates properly.)
- 21. Close the emulator window by clicking the CLOSE button on the right side of the title bar. The window should close without prompting to save changes. Note: Changes made to the window size save automatically.
- 22. Return to the **Session Manager** window. If you see the **FoxtrotRPA** session (depicted here), go down to *Continue here if you see the FoxtrotRPA session in the Session Manager*

File Edit View Tools Help		
Configured Sessions		
	Start	
	New Display Session	
FoxtrotRPA	New Printer Session	
	New Multiple Sessions	

23. If the FoxtrotRPA session is NOT displayed in the Session Manager, it is because the Session Manager is not pointed to the directory containing the FoxtrotRPA.hod file you created. On the File menu, click Change Directory. Navigate to the desktop directory, select the FoxtrotRPA.hod file then click Open. The FoxtrotRPA session should now appear in the Session Manager window (as depicted in Step 22).

Change Directory	Configured Sessions	
Default Directory		Start
Import		New Display Session
Exit on Start		
Exit		New Printer Session
		New Multiple Sessions

Continue here if you see the FoxtrotRPA session in the Session Manager

24. In the **Session Manager**, double-click the **FoxtrotRPA** display:

e Edit View Tools Help	
Configured Sessions	
	Start
—	New Display Session
FoxtrotRPA	New Printer Session
	New Multiple Sessions

25. Launch Foxtrot RPA and start writing your script!