# 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:
    http://www.enablesoft.com/latestversion

2. 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*
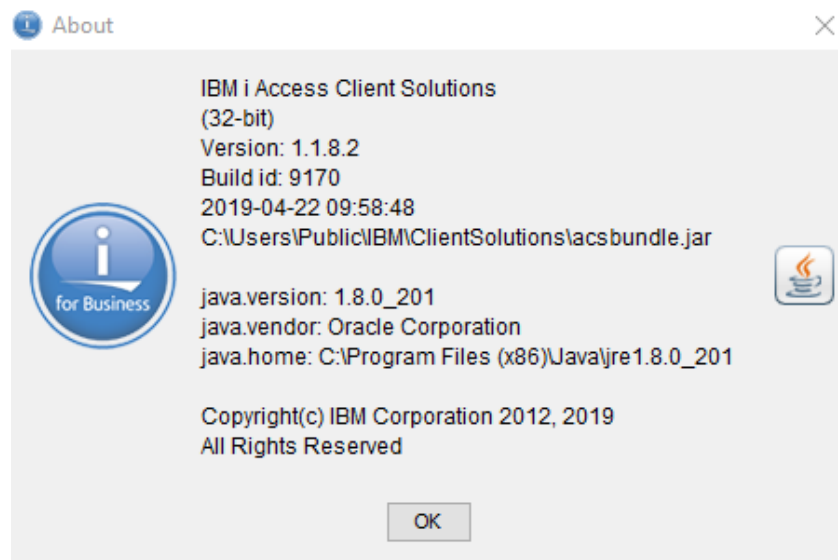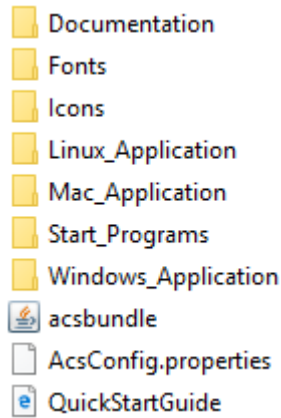

3. If a supported version of the emulator is not installed, you may download a supportedversion here:

    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.

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

    Documentation
    Fonts
    Icons
    Linux_Application
    Mac_Application
    Start_Programs
    Windows_Application
    acsbundle
    AcsConfig.properties
    QuickStartGuide

    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**

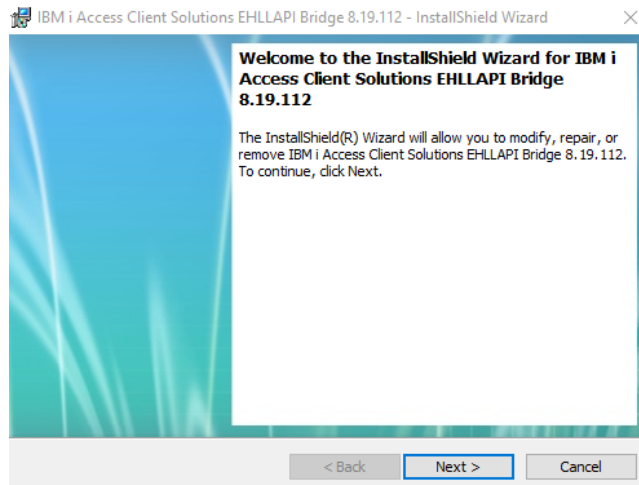   *Continue here if you have the emulator:*

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
IBM 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:
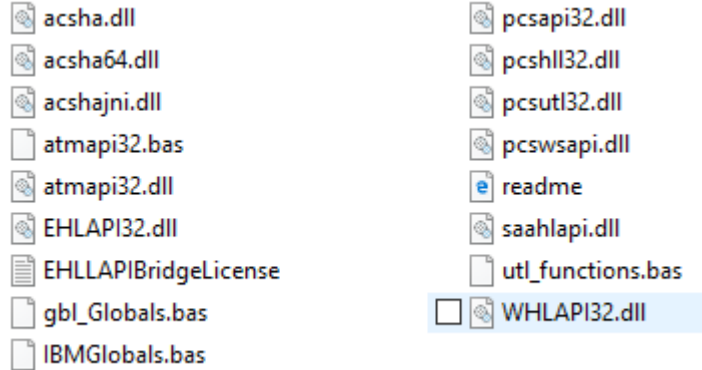   **[Desktop]\ IBMiAccess_v1r1\acshllapi.exe**
    When the installer window appears, walk thru each step to install the EHLLAPI Bridge:

    IBM i Access Client Solutions EHLLAPI Bridge 8.19.112 - InstallShield Wizard

    Welcome to the InstallShield Wizard for IBM i Access Client Solutions EHLLAPI Bridge 8.19.112

    The InstallShield(R) Wizard will allow you to modify, repair, or remove IBM i Access Client Solutions EHLLAPI Bridge 8.19.112. To continue, click Next.

    < Back   Next >   Cancel

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	readme
EHLAPI32.dll	saahlapi.dll
EHLLAPIBridgeLicense	utl_functions.bas
gbl_Globals.bas	WHLAPI32.dll
IBMGlobals.bas	

8. 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... | X |
    |---|---|
    | Starting... | |
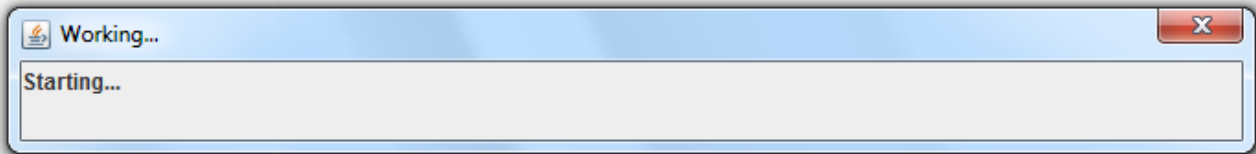
9. When the **IBM iAccess Client Solutions** window appears, click the **5250 Session Manager** link:
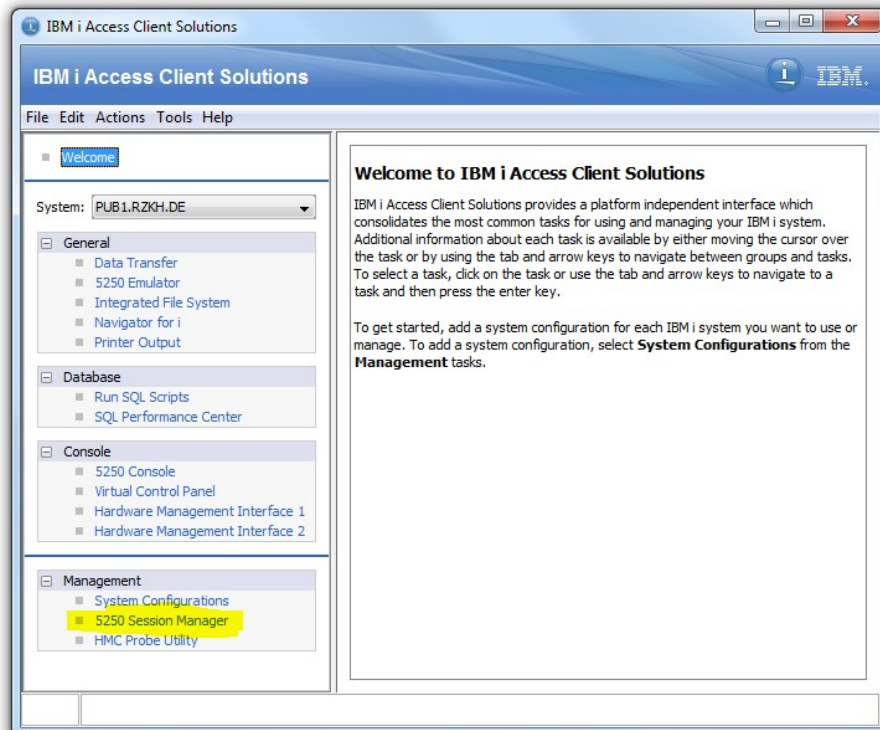
10. When the **Session Manager** window appears, click the **New Display Session** button:
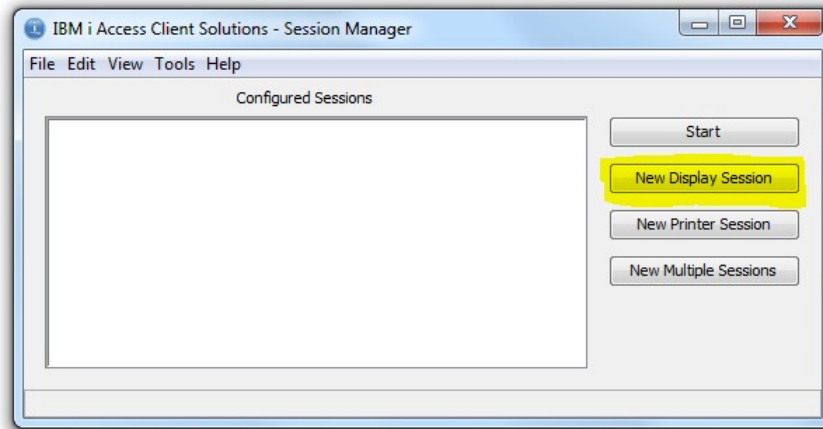

11. When the **5250 Display** window appears, set the **Session Name** value to "Foxtrot RPA Display". Enter the **Destination Address** with the user's Host IP Address (this can be obtained from the customer, or by looking at the settings of an existing session):
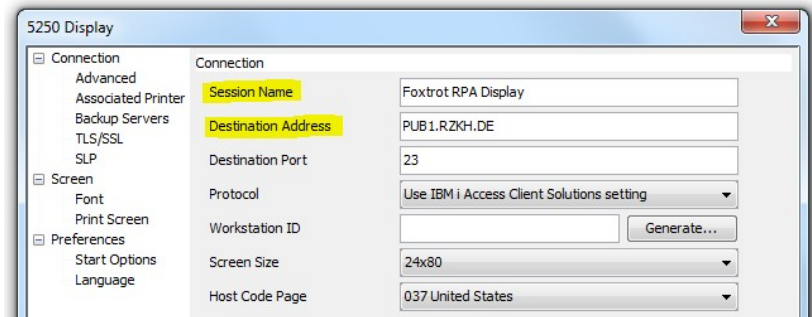

12. Next, select the **Start Options** view and set the **Session ID** to **A**. Click the **OK** button at the bottom of the window to launch the Session.
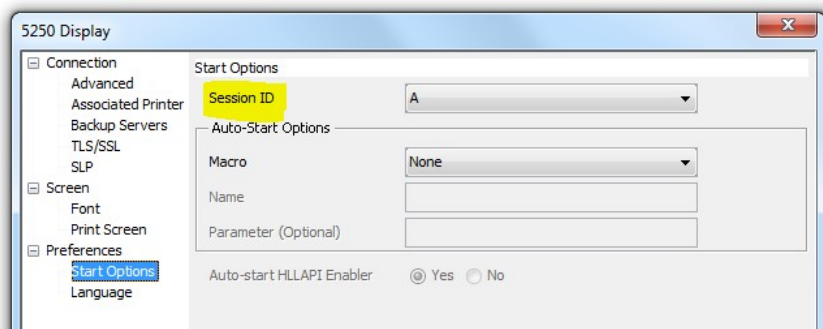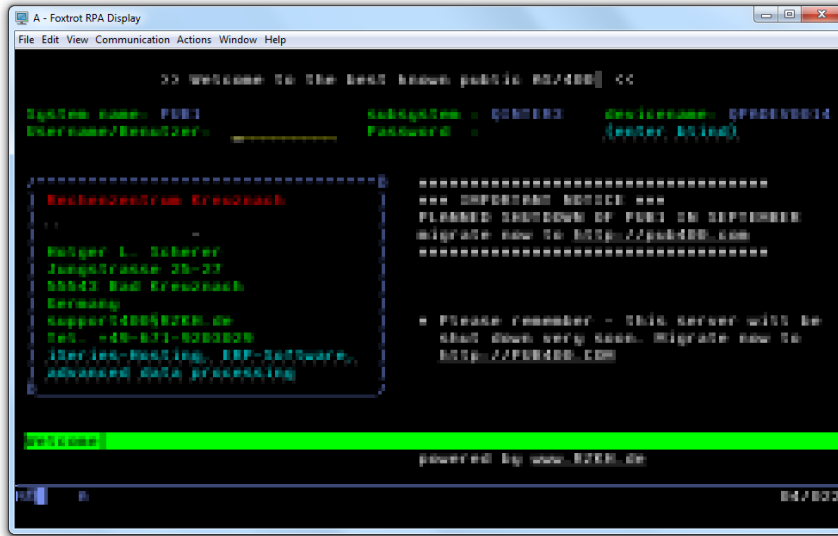
13. Wait for the Emulator Session to come up and connect to the host. Confirm the titlebar reads **A – Foxtrot RPA Display**:
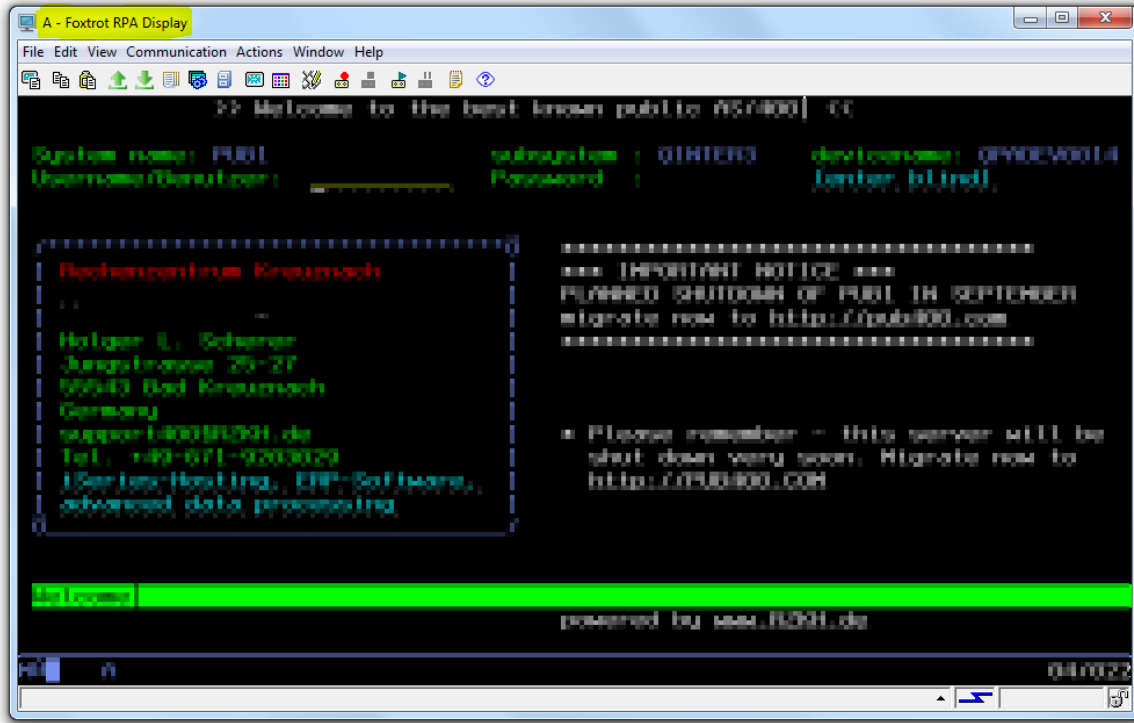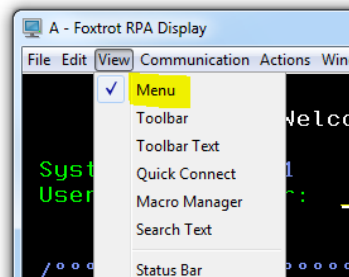

14. On the menu, click **"File -> Save As"** and save the Session File to the desktop and name the file *FoxtrotRPA.hod*

15. On the **View** menu, *UNCHECK* the **Toolbar** and **Status Bar** options.
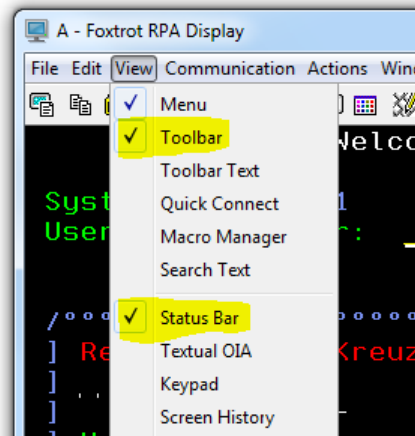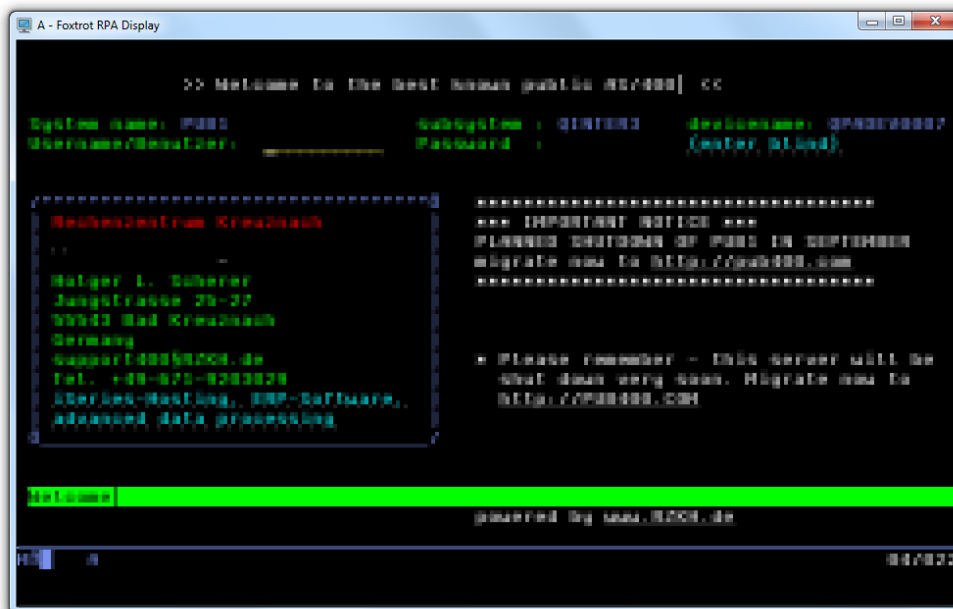
16. The Emulator window should now appear with no **Toolbar** or **Status Bar**:


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**:

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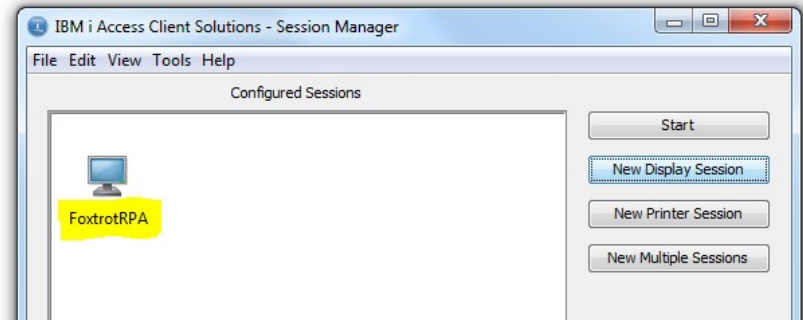
23. If the **FoxtrotRPA** session is *NOT* displayed in the Session Manager, it is because the Session Manager is not pointed to the directory containing the **FoxtrotRPA.hod** file you created. On the **File** menu, click **Change Directory.** Navigate to the desktop directory, select the **FoxtrotRPA.hod**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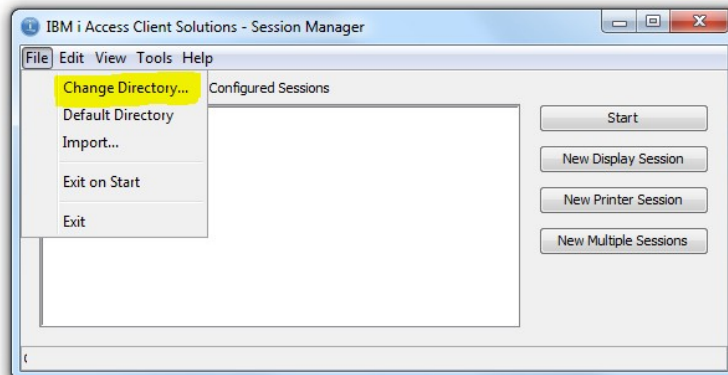
Continue here if you see the FoxtrotRPA session in the Session Manager

24. In the **Session Manager**, double-click the **FoxtrotRPA** display:
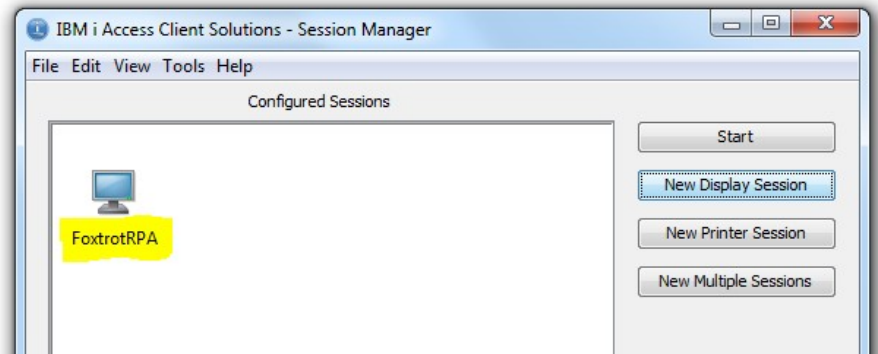
25. Launch **Foxtrot RPA** and start writing your script!