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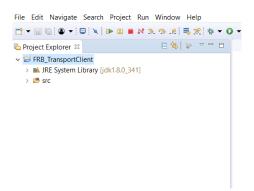
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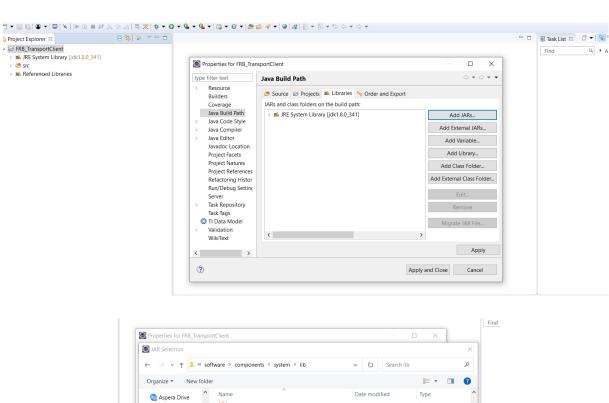


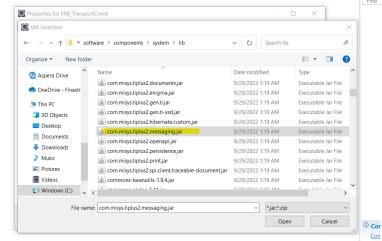
1 ECLIPSE JAVA PROJECT

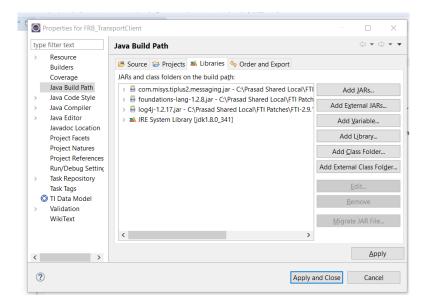
1. Create new java project in Eclipse (Java/J2EE editor)



 Add below external jar library references using Java Build Path option com.misys.tiplus2.messaging.jar foundations-lang-1.2.8.jar log4j-1.2.17.jar







3. Create new java class

```
Project Explorer ≅

Project Explorer ≅

FRB_TransportClient

AccountAvailBalTransportClient,java ≅

Package com.finastra.transportClient {

Date of undations-lang-1.2.8.jar - C:\Prasad Shared Local\FTI Patches\FTI-2.9

By the com.finastra.transportClient {

AccountAvailBalTransportClient {

Date of undations-lang-1.2.8.jar - C:\Prasad Shared Local\FTI Patches\FTI-2.9

By the com.finastra.transportClient {

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Backage com.finastra.transportClient {

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AccountAvailBalTransportClient {

Backage com.finastra.transportClient {

Bac
```

4. Implement the interface TransportClient and add override invoke method

```
🖹 🕏 🔻 🗆 🗎 🔃 *AccountAvailBalTransportClient.java 🛭
Project Explorer ≅

→ FRB_TransportClient

                                                    1 package com.finastra.transportclientdemo;

■ JRE System Library [jdk1.8.0_341]
                                                    3@import com.misys.tiplus2.messaging.MessagingException;

→ MR Referenced Libraries

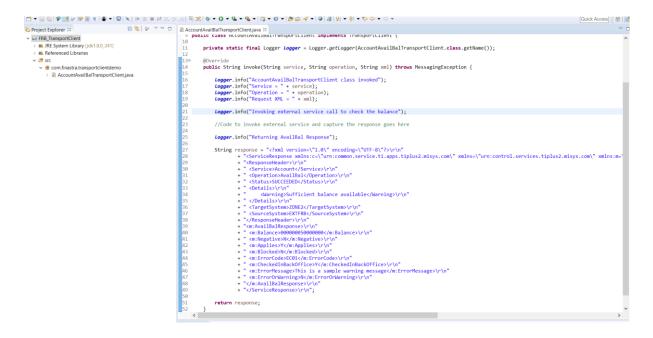
                                                    4 import com.misys.tiplus2.messaging.controls.out.TransportClient;
    > 👨 com.misys.tiplus2.messaging.jar - C:\Prasad Shared Local\F
      foundations-lang-1.2.8.jar - C:\Prasad Shared Local\FTI Patc
                                                    \stackrel{-}{6} public class AccountAvailBalTransportClient implements TransportClient \P
      ■ log4j-1.2.17.jar - C:\Prasad Shared Local\FTI Patches\FTI-2.9

✓ 

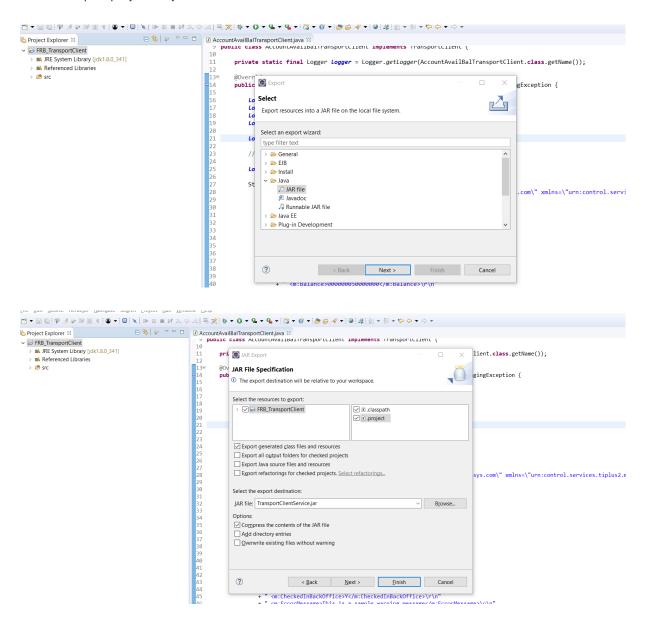
Ø src

                                                          public String invoke(String arg0, String arg1, String arg2) throws MessagingException {
    v # com.finastra.transportclientdemo
      > AccountAvailBalTransportClient.iava
                                                              return null;
```

5. Create java code to capture the Account. AvailBal Request XML and prepare a sample response message to send back to FTI.



6. Export project as jar



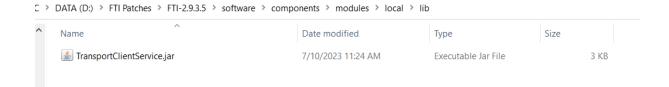
TransportClientService.jar Jar file is generated at project workspace location.

7. Sample java code

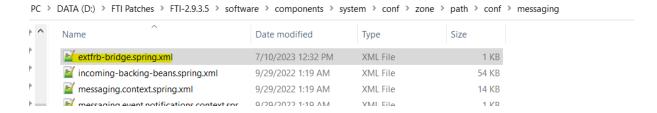


2 FTI SOFTWARE PACKAGE CHANGES

1. Copy the TransportClientService.jar file at /software/components/modules/local/lib location.

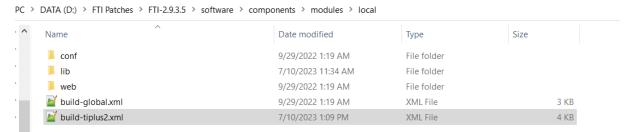


2. Create a new spring configuration file called extfrb-bridge.spring.xml in the /software/components/conf/zone/path/conf/messaging folder.





3. Update the build-tiplus2.xml file in /local module



</springbridge>

3 DEPLOYMENT

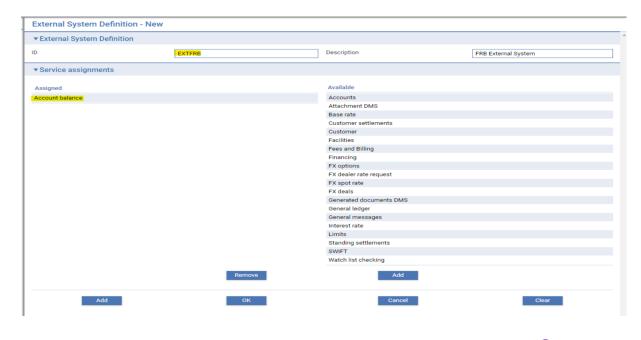
1. Build the zone application

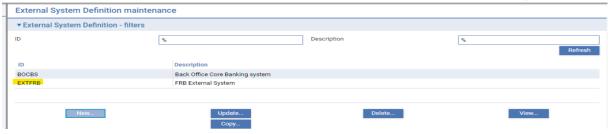
2. Deploy the zone application into application server and start the zone



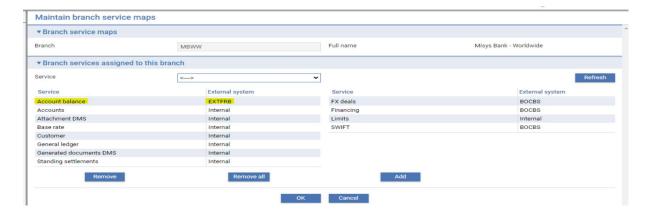
4 FTI CONFIGURATION CHANGES

 Create External System Definition in System Tailoring and assign Account balance service to it

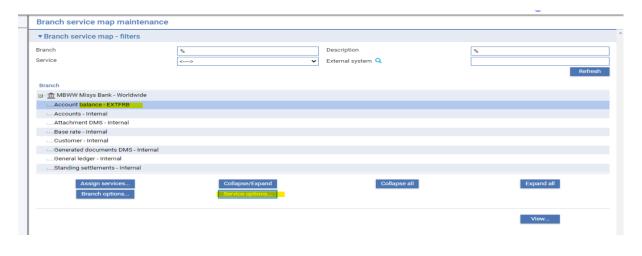


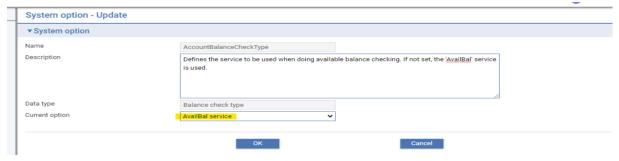


Assign the Account balance service to the branch in Branch options/Service mappings menu in System Tailoring.

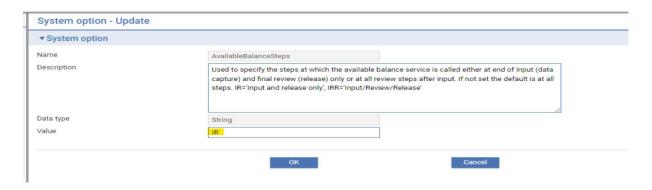


3. Set the 'AccountBalanceCheckType' service option to 'AvailBal service'



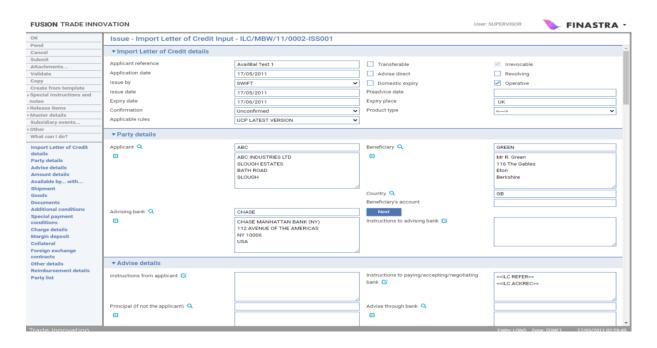


4. Set the 'AvailableBalanceSteps' service option to IR to trigger the balance check

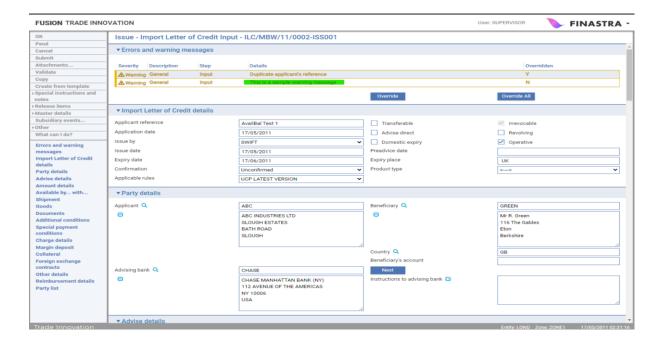


5 FTI TRANSACTION PROCESSING

1. Create new transaction in FTI



Click OK and AvailBal API is triggered at Input step. Notice that a dummy warning message response is captured at the input step



3. Verfiy the request XML captured in the logs which is set in the java code.

```
2023-07-10 02:31:15,518 INFO [stdout] (default task-4) 2023-07-10 02:31:15,518 INFO [default task-4]
[RequestContVid=Pb3D763d96e234X-537b7900X1893f17eb73X-7d6c]user=SUPERVISOR] server=t11-server(2HBW\133fKGC1G7Ohiv5APr-VR180j9R15Yr4eg|MsgIn:296512089)]
2023-07-10 02:31:15,522 INFO [default task-4] (2023-07-10 02:31:15,522 INFO [default task-4])
[RequestContVid=Pb3D763d96e234X-537b7900X1893f17eb73X-7d6c]user=SUPERVISOR] server=t11-server(2HBW\133fKGC1G7Ohiv5APr-VR180j9R15Yr4eg|MsgIn:296512089)]
AccountAvailBalTransportCitent Service = Account

2023-07-10 02:31:15,538 INFO [stdout] (default task-4) 2023-07-10 02:31:15,523 INFO [default task-4]
[RequestContVid=Pb3D763d85e234X-537b7900X1893f17eb73X-7d6c]user=SUPERVISOR] server=t11-server(2HBW\135fKGC1G7Ohiv5APr-VR180j9R15Yr4eg|MsgIn:296512089)]
AccountAvailBalTransportCitent Operation = AvailBal

2023-07-10 02:31:15,538 INFO [stdout] (default task-4) 2023-07-10 02:31:15,538 INFO [default task-4]
[RequestContVid=Pb3D763d85e234X-537b7900X1893f17eb73X-7d6c]user=SUPERVISOR] server=t11-server(2HBW\135fKGC1G7Ohiv5APr-VR180j9R15Yr4eg|MsgIn:296512089)]
AccountAvailBalTransportCitent Request XML = "Vall version" = Not all version" = Not all version = Not all ver
```