

भारतीय मानक ब्यूरो
लेखा विभाग

संदर्भ : लेखा/१:१०

१५ अक्टूबर २०२०

विषय: ई-चालान-बी 2 बी, बी 2 सी और एपीआई एकीकरण

परिपत्र संख्या बीआईएस /लेखा/ परिपत्र (०७)/२०२० दिनांकित १५ अक्टूबर २०२०

आवश्यक कार्यवाही हेतु सलंगन है

हस्ता/-
(एन रविशंकर)
निदेशक (लेखा)

परिचालित सेवा में भा मा ब्यूरो इंटरनेट के माध्यम से :

- सभी क्षेत्रीय कार्यालय /शाखा कार्यालय/लैब्स /एन आई टी एस के प्रमुख

प्रतिलिपि :

- आईटी एस : इंटरनेट के माध्यम से परिचालित करने के लिए

BUREAU OF INDIAN STANDARDS
(ACCOUNTS DEPARTMENT:HQ)

Ref: Accts1:10

15th October 2020

Sub: E-invoicing-B2B, B2C and API Integration

The Circular No. BIS/HQ/Accounts/Circular(07)/2020 dated 15.10.2020 on the subject is enclosed for necessary action.

Sd/-

**(N. Ravi Shankar)
Director(Accounts)**

Circulated through intranet to Heads of all ROs/BOs/Labs/NITS

Copy to ITSD for intranet

BUREAU OF INDIAN STANDARDS

Circular

Sub: E-invoicing-B2B, B2C and API Integration

As informed earlier to all the ROs/BOs/NITS/Labs, E-Invoicing on B2B invoices has become mandatory w.e.f. 01st October, 2020 under the GST regime. M/s Image Infosystems Pvt Ltd has been engaged as the agency to provide the E-Invoicing software and utility for pushing the invoices to the GSTN portal and generating the IRN and QR Code enabled E-Invoice. A detailed training session was also conducted to all ROs/ BOs to make all the concerned aware of the new system.

The Govt. has issued separate guidelines for E-Invoicing on B2B Invoices and B2C Invoices. For easy understanding, the same is again detailed step-wise for your reference and necessary action.

1. API Integration on E-Invoicing Portal:

- a) The branches vide Accounts Department, HQ email dated 30th September, 2020 were requested to create API User credentials password on <https://einvoice1.gst.gov.in/> website. Detailed steps to create the API ID are given in our email dated 30.09.2020(11:18 A.M.)
- b) Once the credentials are generated, it is requested to share the same with Accounts Department, HQ. The API user ID password is required to be mapped with the manakonline portals in respect of the Product Certification, Jewellers and AHC income being received through the online portals. Unless the API ID and passwords are shared by ROs/BOs, E-Invoices in respect of their branch cannot be generated using the manakonline portal.
- c) Majority of the ROs/BOs have created their API user ID password. Those who are yet to share the User ID Password, are requested to immediately create the User ID password and share it with Accounts Department at HQ failing which the **Heads of the concerned ROs/BOs** will remain liable for any statutory lapses arising thereon.

2. B2B Invoices (Cases which include the GST number of both BIS and the customers)

- a) Such invoices need to go to the GSTN portals. With respect to the invoices generated through the Manakonline & Hallmarking portals, the same will be

taken up separately by Accounts Department at HQ on receipt of above mentioned API Integration Credentials from the ROs/BOs.

- b) Regarding receipts and invoices issued at the branch level and recorded into Tally, an E-Invoicing utility has been procured and sent to all the branches alongwith detailed steps (Step1 to Step9) to download the same vide Accounts Department email dated 30th September 2020. The **installation manual and job card** for generating the E-Invoice through the utility has also been provided to the ROs/ BOs and the same is again enclosed as **Annexure-1 and Annexure-2**.
- c) Some of the branches have successfully installed the utility and have started generating E-Invoices at their end while some of the branches are still facing issues in installation and generation of E-Invoices through the utility.
- d) In order to cater to the difficulties being faced by the ROs/ BOs, **Video Tutorials** on using the utility and generating the E-Invoice has been prepared in collaboration with the agency. The tutorials can be downloaded using the following steps-
 - Go to <http://www.eccs.in>
 - Click on "Downloads" Button at top.
 - Click on "Others" section "Download" button [Almost last in the page]
 - Put the file name as "IISPL_ExpressTXR_E-Invoicing_Demo_Video_V0.mp4" and then click on "OK" and download the file. File Estimated Size: 549 MB
- e) The ROs/BOs are requested to follow the procedure given above and immediately start generating the E-Invoices at their end using the utility. It is also advised to send a confirmatory email to Accounts Department, HQ regarding successful installation and generation of E-Invoices through the utility. In case the problem persists, you may please contact Mr Sreejith from the vendor side. If the issue still remains unresolvable, concerned branches may contact Ms Neha Singhal, AD (Accounts) or Sh N Ravishankar, Director (Accounts).

3. **B2C Invoices (Cases which include the GST number of BIS and does not include GST Number of licences)**

- a) Such invoices need not go to the GST website. However, they must bear a QR Code which is to be generated at the RO/ BO level for their respective B2C invoices. With respect to the B2C invoices generated through the online portals, the same is being taken up separately by Accounts Department at HQ on receipt of API Integration Credentials from the ROs/BOs.
- b) Regarding B2C receipts and invoices issued at the branch level and recorded into Tally, another **utility for enabling QR Code** has been procured from M/s Image Infosystems Pvt Ltd. The same is enclosed alongwith this email as **Annexure-3** with detailed steps of installation and using the utility. The

installation manual and job card for generating the E-Invoice through the utility is also enclosed for your ready reference as **Annexure-4**.

- c) The ROs/BOs/Labs/NITS are requested to follow the procedure given above and immediately start generating the QR code on the B2C invoices generated at their level using the utility. It is also advised to send a confirmatory email to Accounts Department, HQ regarding successful installation and generation of QR Code on the B2C Invoices through the utility.
- d) In case any RO/ BO faces any issues, they may contact Mr Sreejith from the vendor side. If the issue still remains unresolvable, concerned branches may contact Ms Neha Singhal, AD (Accounts) or Shri N Ravishankar, Director (Accounts).

This issues with the approval of DDGF.

Sd/-
(N. Ravi Shankar)
Director(Accounts)

Our Ref: Accts1:10
Dated : 15.10.2020

Circulated through BIS Intranet to Heads of al ROs/BOs/Labs/NITS



E-Invoice Offline Utility
INSTALLATION MANUAL
ExpressTXR
Version 1.0.U



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Chapter 1

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Chapter 2

Executive Summary



Executive Summary

ExpressTXR - E-Invoicing solution, ensures simplified processing of B2B invoices in the prescribed formats to comply with the regulatory requirements and streamline Invoice processing, improving business efficiency and reduce costs.

This document covers Installation Manual for E-Invoice offline utility. The structure of this document is divided into 3 chapters numbered from Chapter 1 to Chapter 3.

The first chapter is the contents page for easy navigation to the contents.

The second chapter explains details of the coverage of all the chapters.

The third chapter details the Installation process.



Chapter 3

Installation Process

1. Prerequisites and Initial Configuration

Following are the systems configuration and details required to install the utility -

1. OS: Windows 7 or above
2. RAM: 2GB or above
3. HDD: Minimum 5GB or above
4. URL White Listing: Sandbox and production
 - Sandbox
 - http://103.26.99.222:8389/ExpressEInvoice_GSP_APIH_V1.03_ei/eivital/v1.03/auth
 - http://103.26.99.222:8389/ExpressEInvoice_GSP_APIH_V1.03_ei/eicore/v1.03/Invoice
 - http://103.26.99.222:8389/ExpressEInvoice_GSP_APIH_V1.03_ei/eicore/v1.03/Invoice/Cancel
 - Production
 - Production URL will be shared once UAT is completed
5. Downloaded exe file ("ExpressTXR_E_Invoice_V1_0_U.exe")

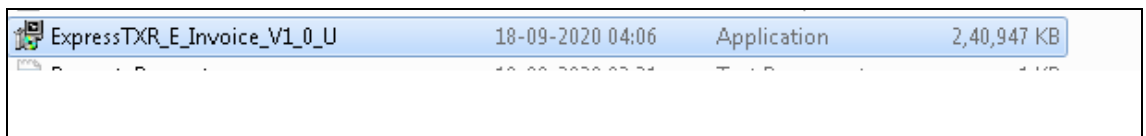
2. Downloading steps for Offline Utility exe file.

1. Goto <http://www.eccs.in/>
2. Click on Downloads
3. Click on other section download
4. Put the name "ExpressTXR_E_Invoice_V1_0_U.exe" and download.

3. ExpressTXR E-Invoice Offline Utility Installation

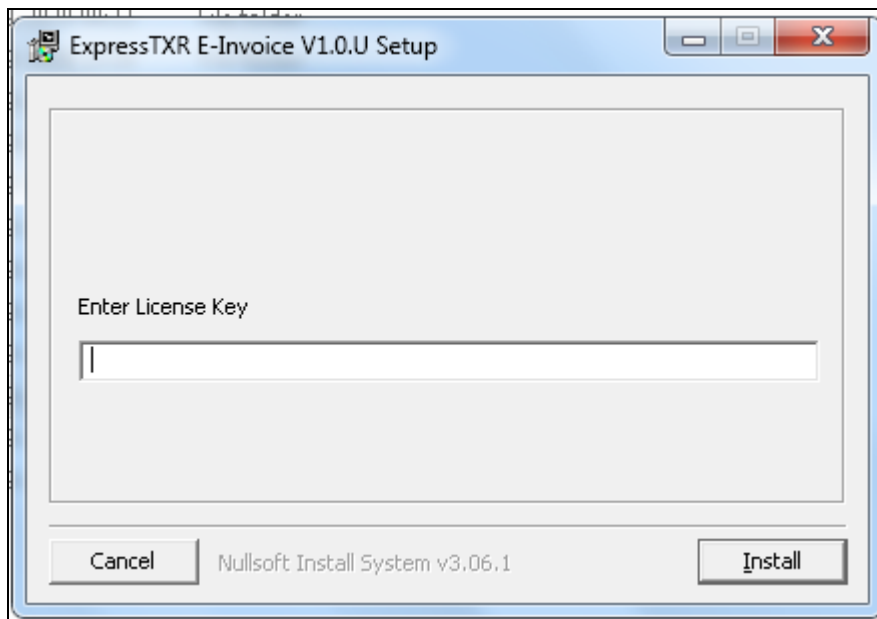
Following are the steps for installation of the offline utility by Image InfoSystems team.

Step 1 : Double click on the 'ExpressTXR_E_Invoice_V1_0_U'.



File Name	Date Modified	Type	Size
ExpressTXR_E_Invoice_V1_0_U	18-09-2020 04:06	Application	2,40,947 KB

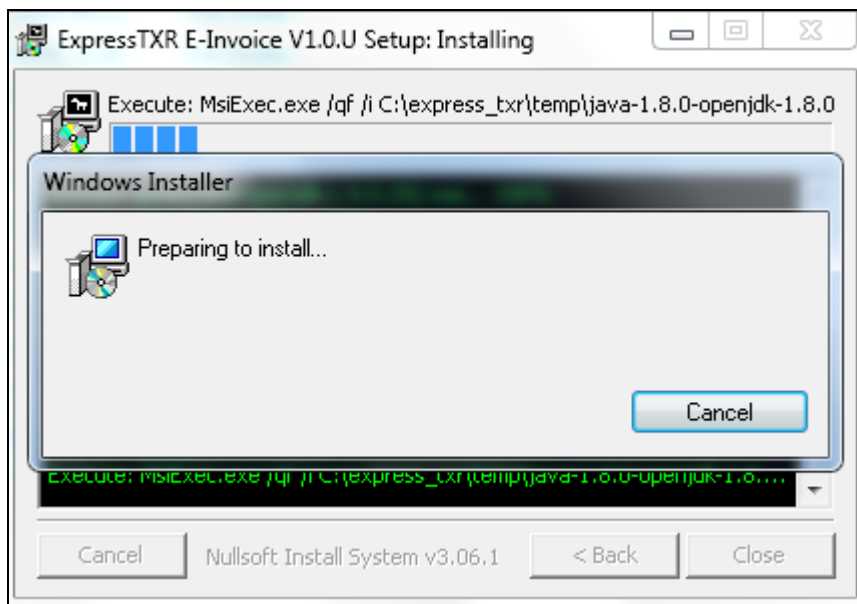
Step 2 : Enter the License key.



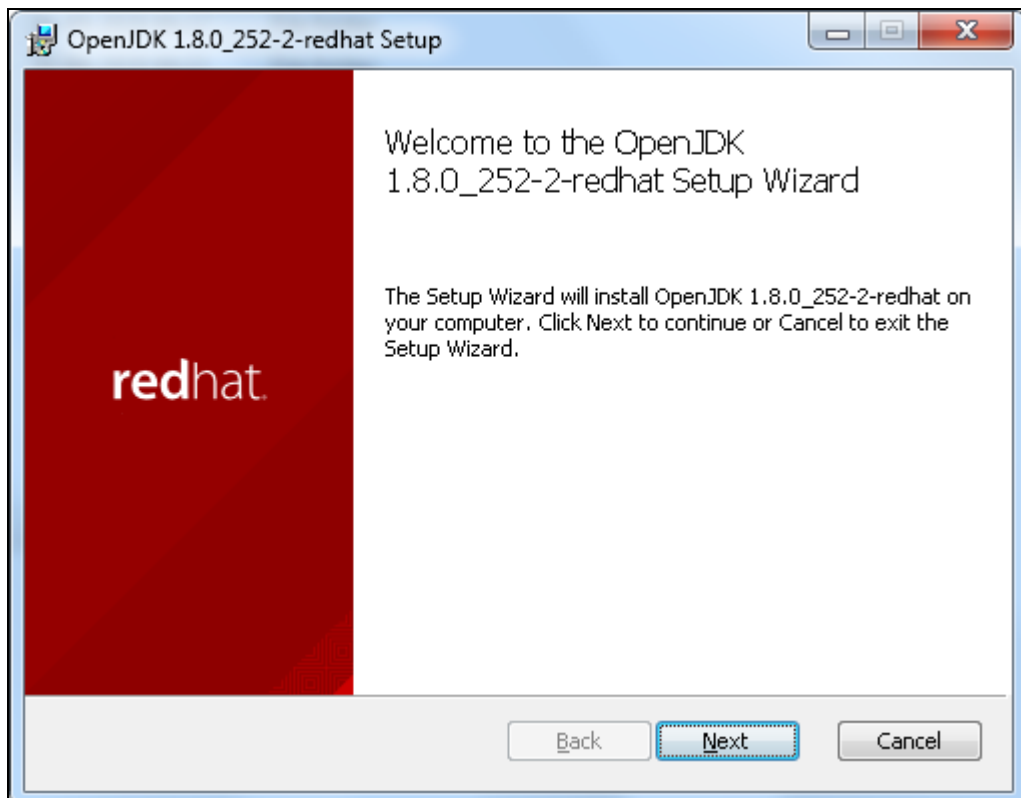
Click on “Install” button.

NOTE: Licence key is the registered GSTIN for production, For sandbox testing use the shared GSTIN.

Step 3 : Installing Setup process shall initiate.

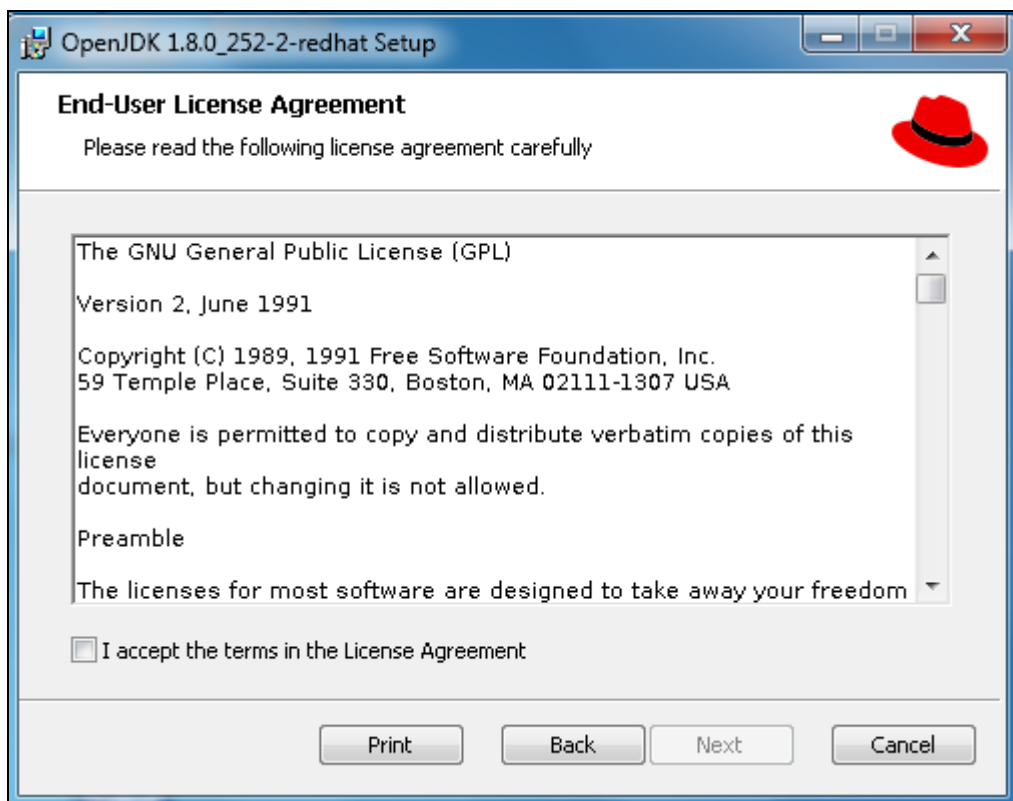


Step 4 Next Java installation setup wizard shall appear.

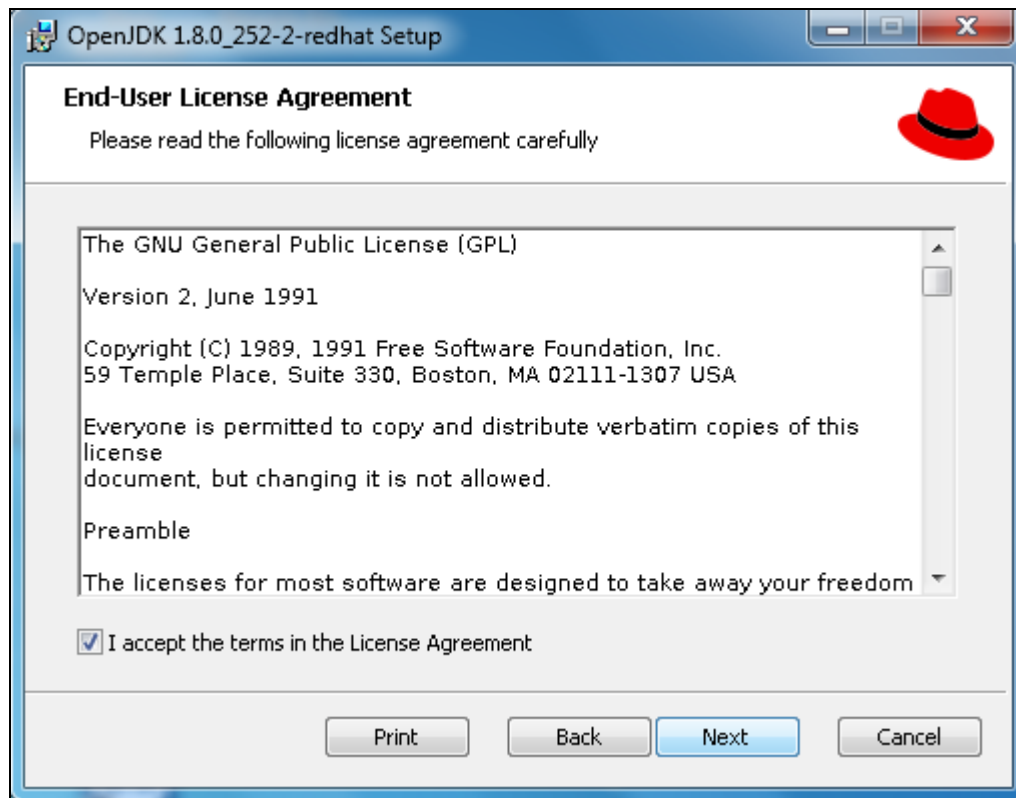


Click on “Next” button.

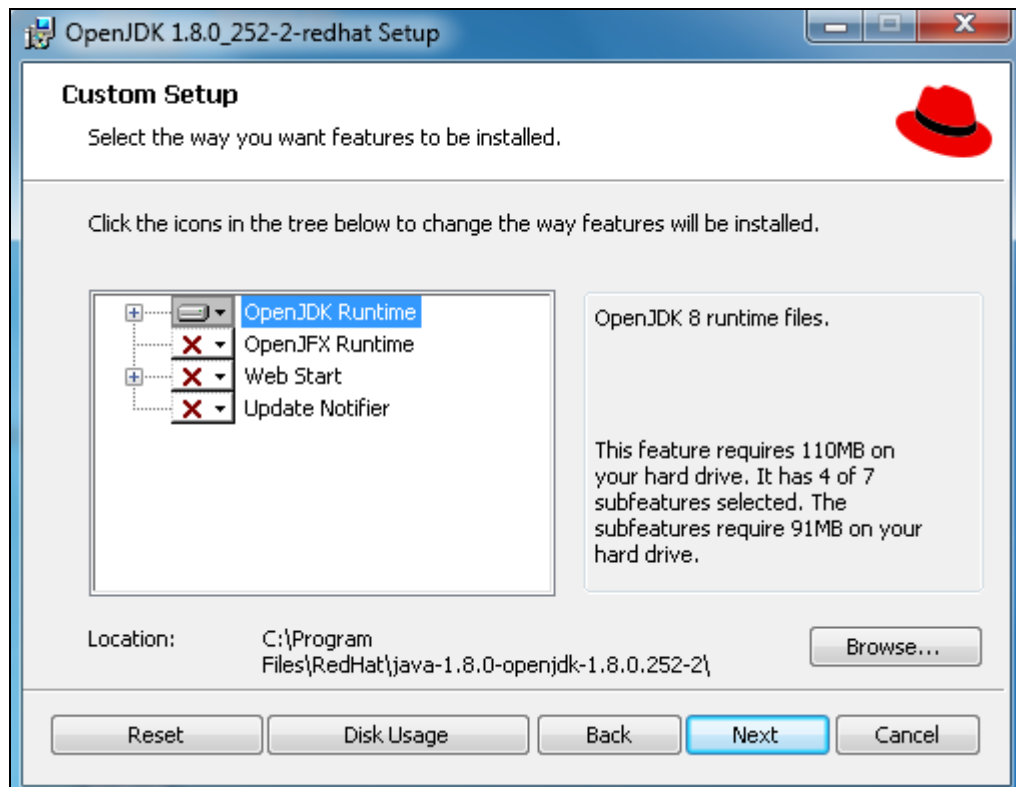
Step 5 : Accept the terms in the license agreement



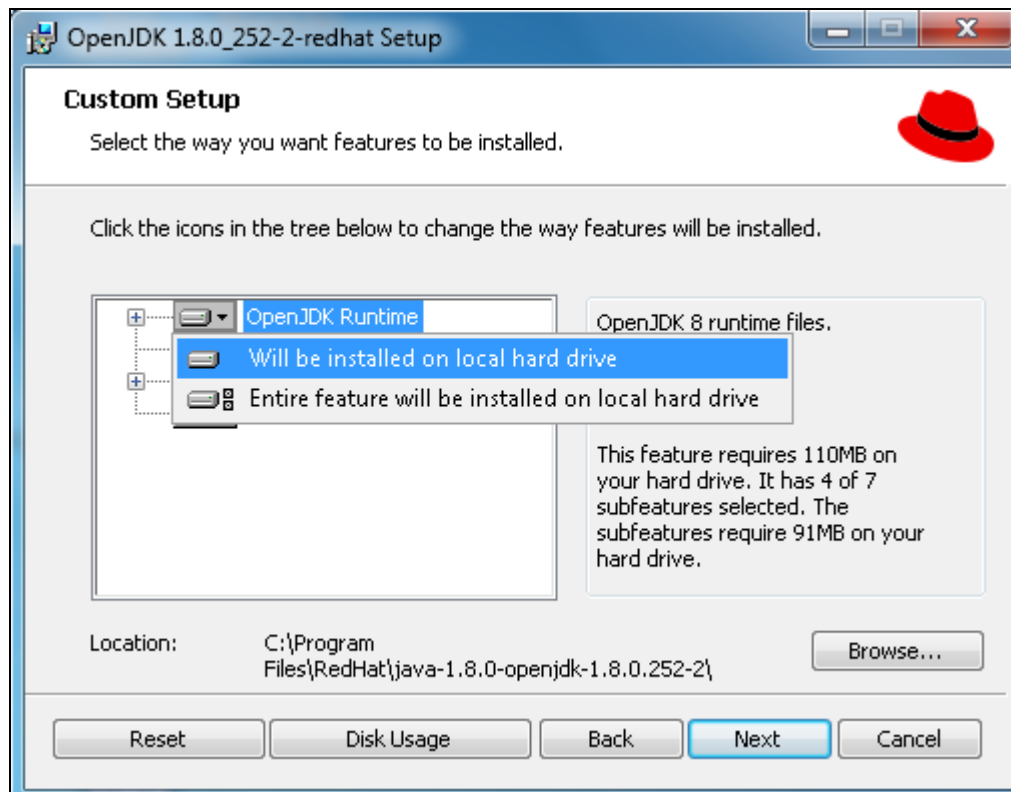
Step 6 : After accepting the license terms, click on “Next” button.



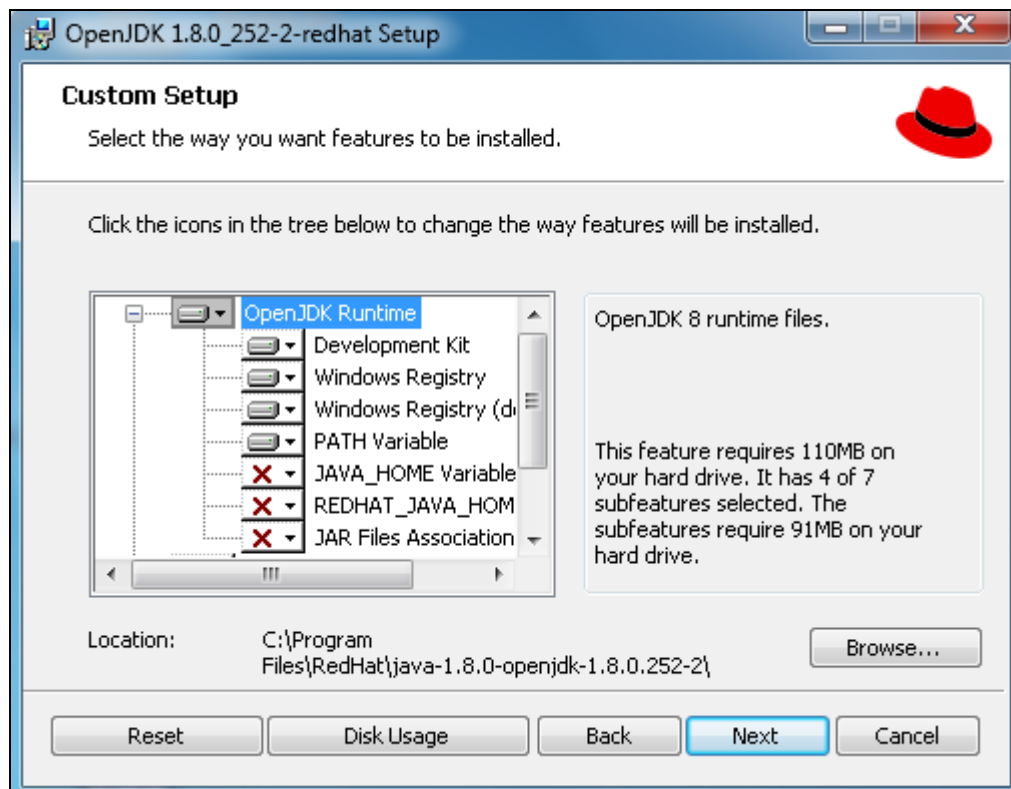
Step 7 : A Custom Setup wizard shall appear. Click on OpenJDK Runtime.



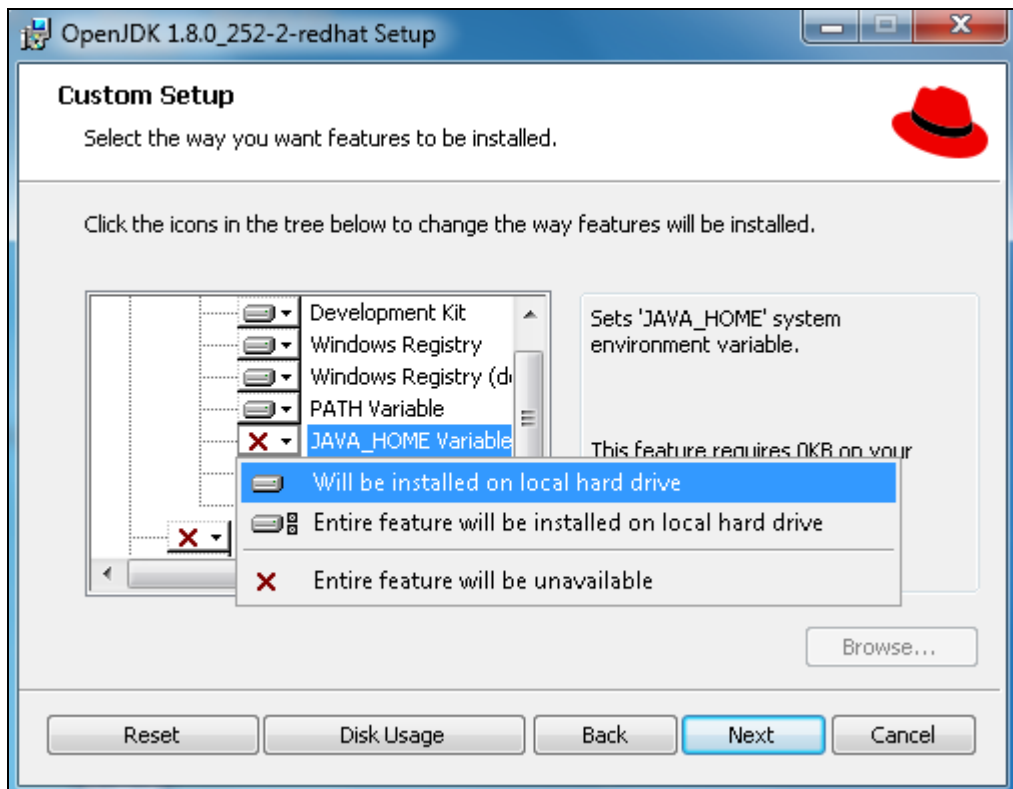
Step 8 : Click on first option 'Will be installed on local hard drive'



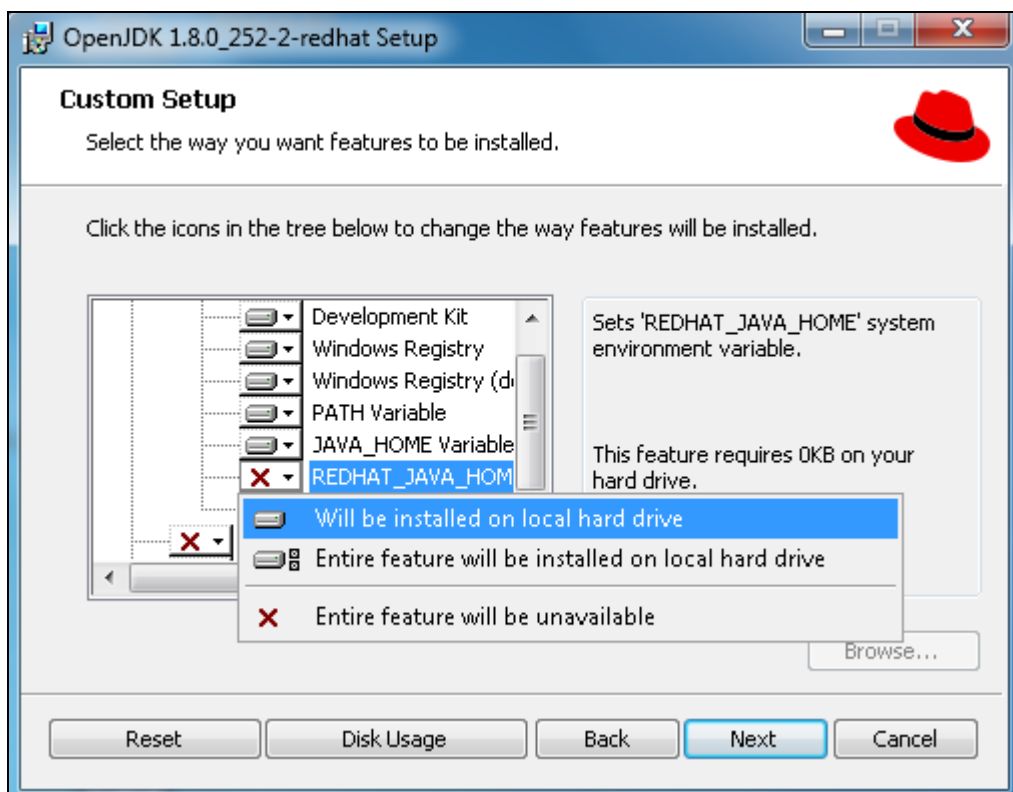
Step 9 : Click on '+' icon corresponding to 'OpenJDK Runtime' menu to open JDK Runtime files.



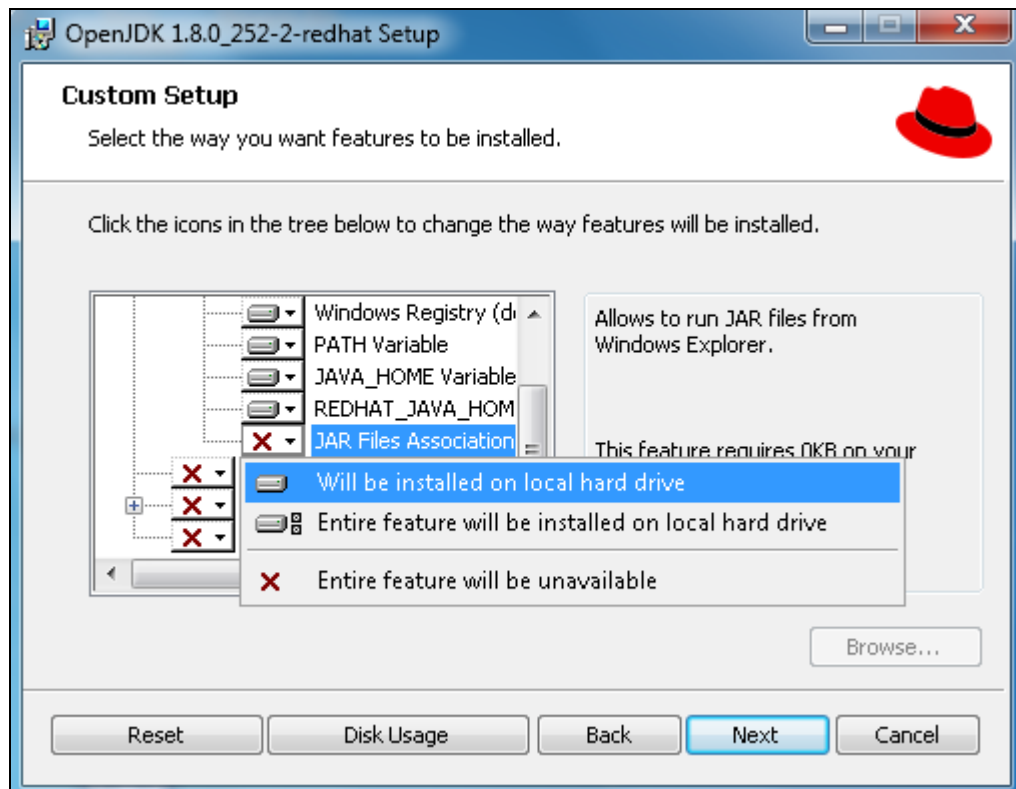
Step 10 : Click on 'JAVA Home Variable' and select the first option 'Will be installed on local hard drive' to set the JAVA_HOME system environment variable.



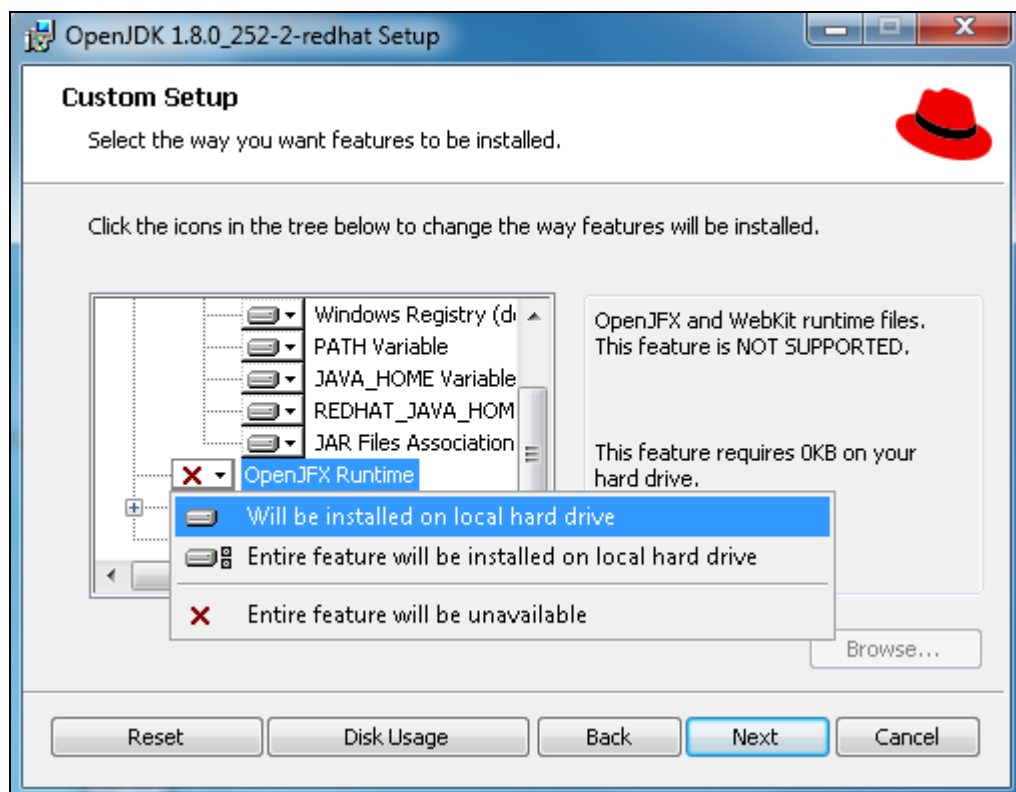
- Step 11 : Click on 'REDHET_JAVE_HOME' and select the first option 'Will be installed on local hard drive' to set the REDHET_JAVA_HOME system environment variable.



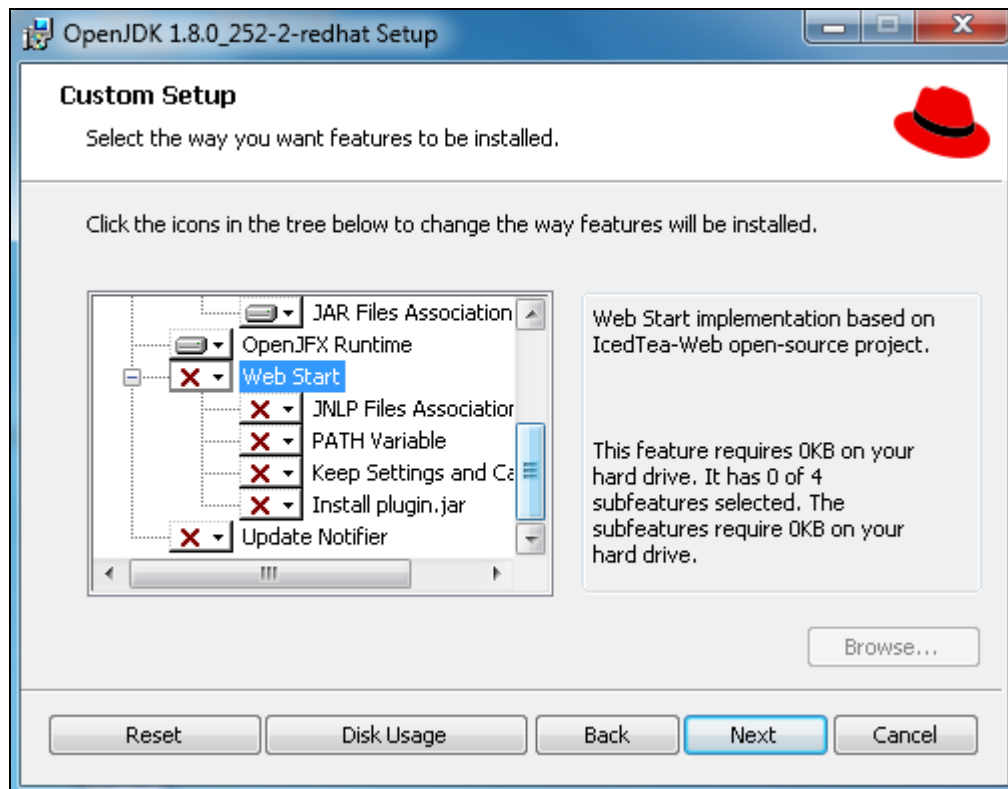
- Step 12 : Click on 'JAR Files Association' and select the first option 'Will be installed on local hard drive' to allow run JAR files.



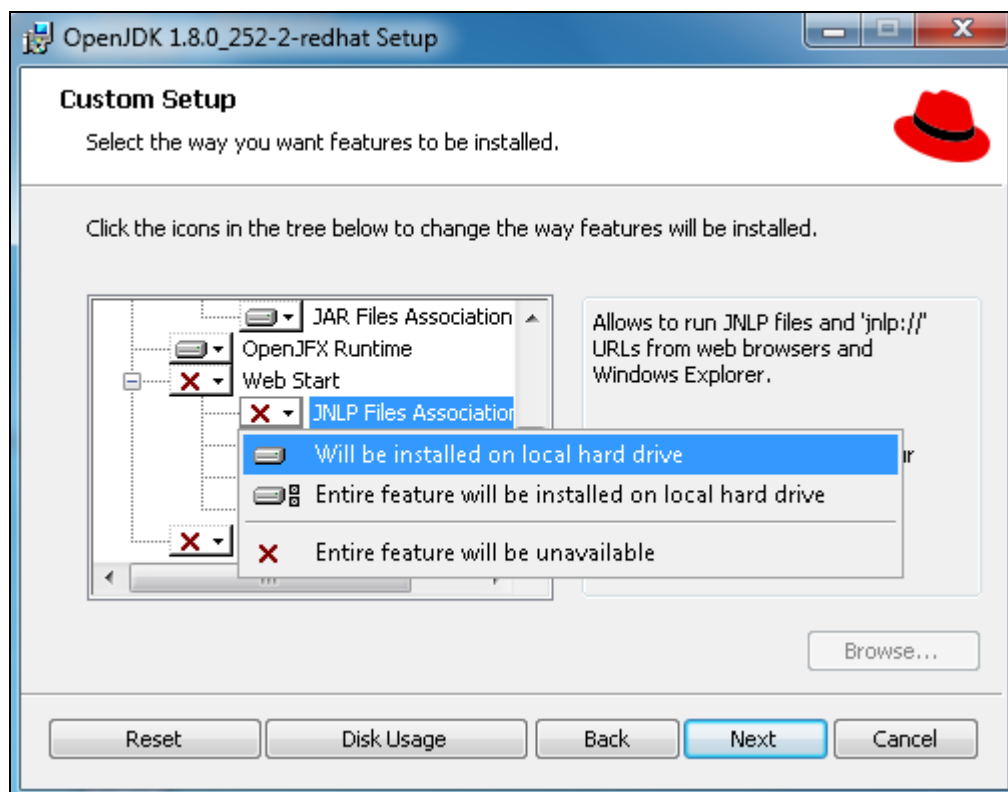
Step 13 : Click on 'OpenJFX Runtime' menu and select the first option 'Will be installed on local hard drive' to install OpenJFX and Webkit runtime files.



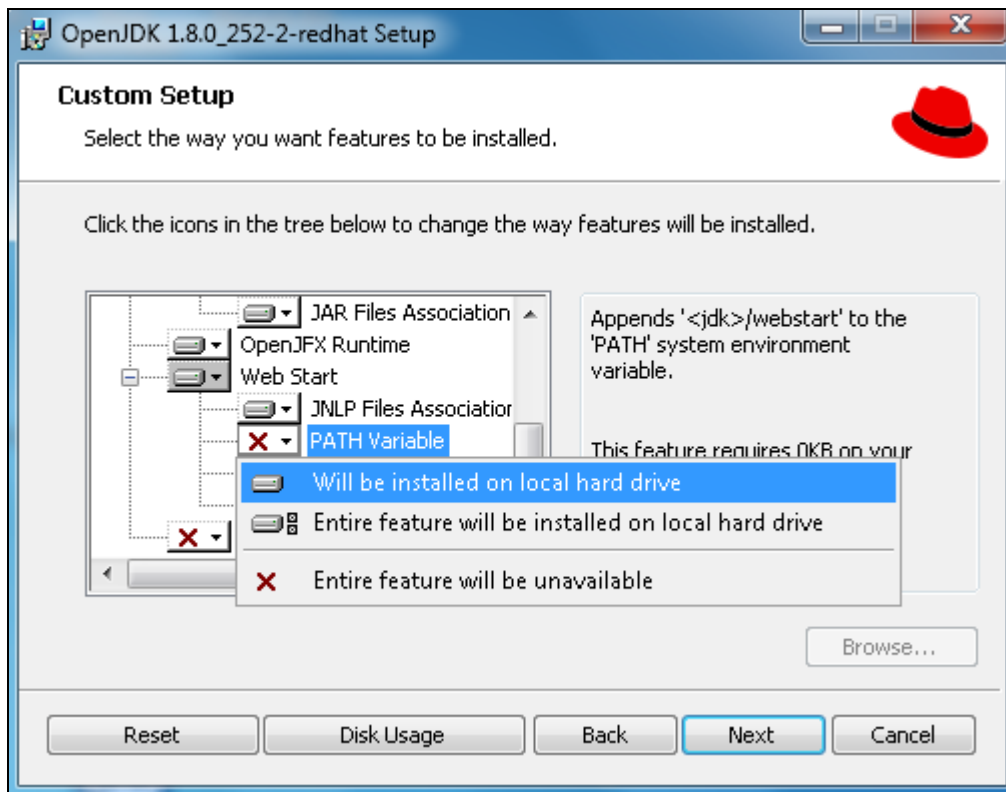
Step 14 : Click on '+' icon corresponding to 'Web Start' menu to open web start files.



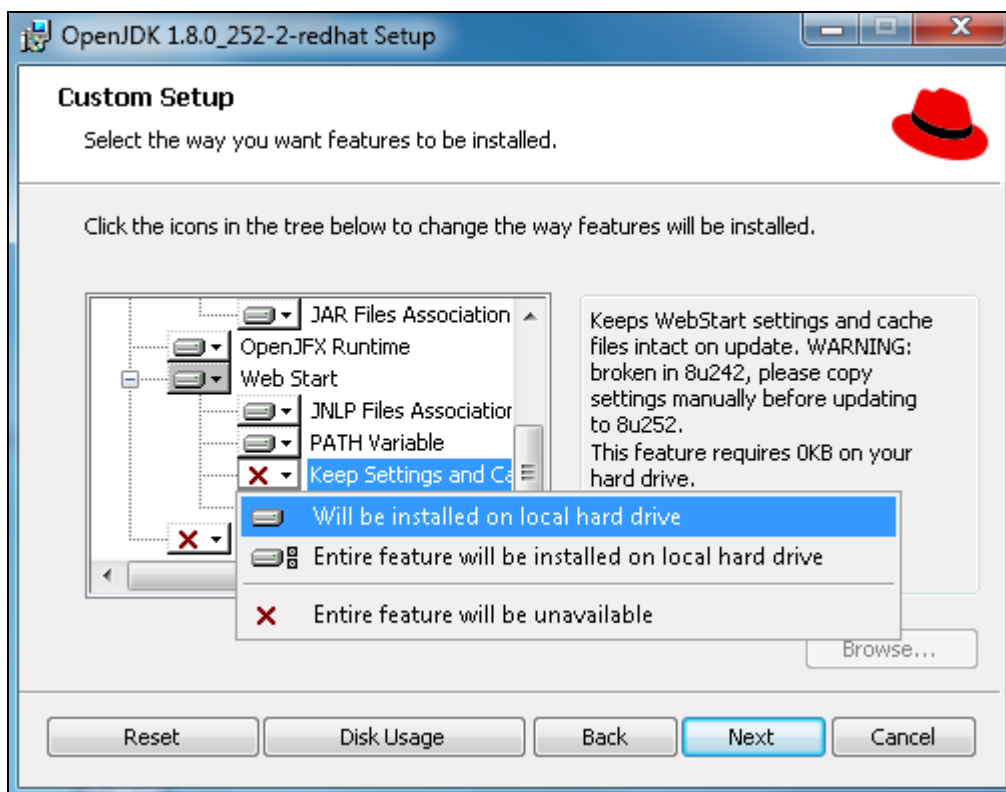
Step 15 : Click on 'JNLP Files Association' and select first option 'Will be installed on local hard drive' to allow to run JNLP files.



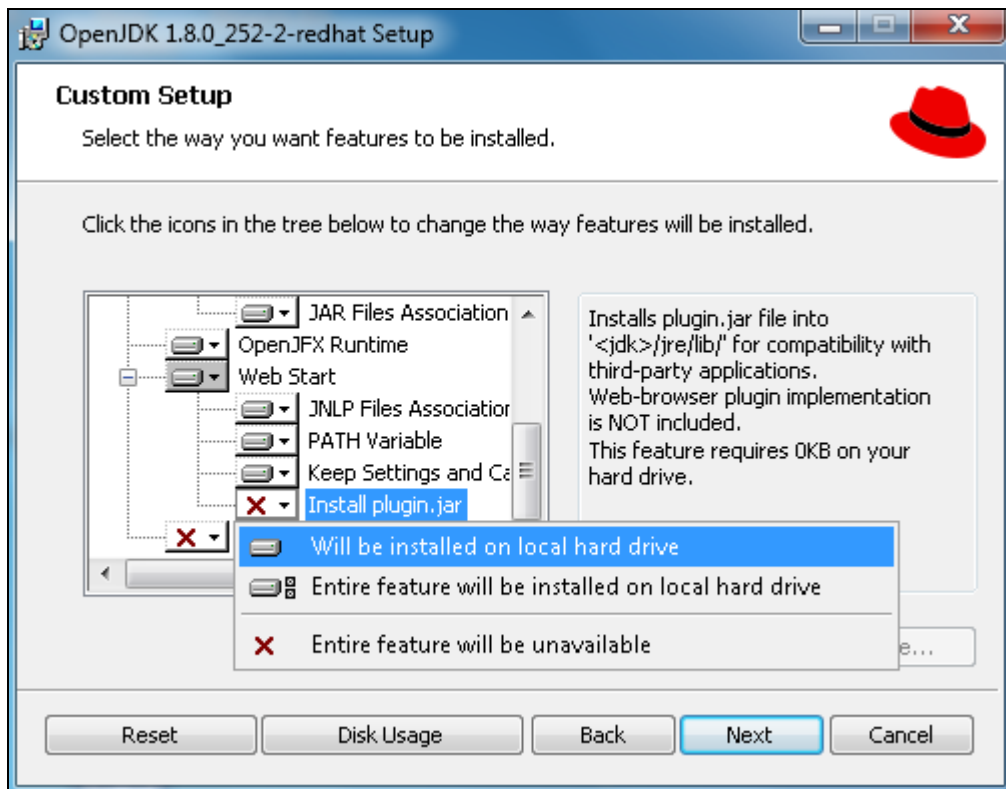
Step 16 : Click on 'Path Variable' and select first option 'Will be installed on local hard drive' to set the PATH system environment variable.



- Step 17 : Click on 'Keep Settings and Cache' and select first option 'Will be installed on local hard drive'.

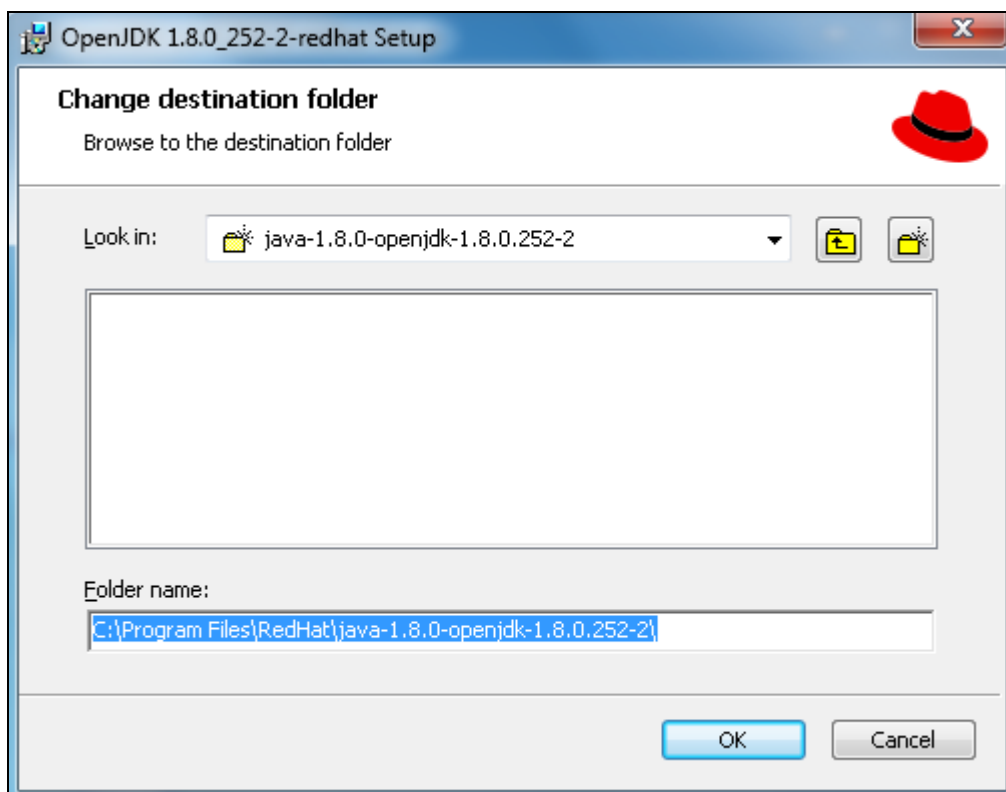


- Step 18 : Click on 'Install plugin.jar' and select first option 'Will be installed on local hard drive' to install plugin.jar files.

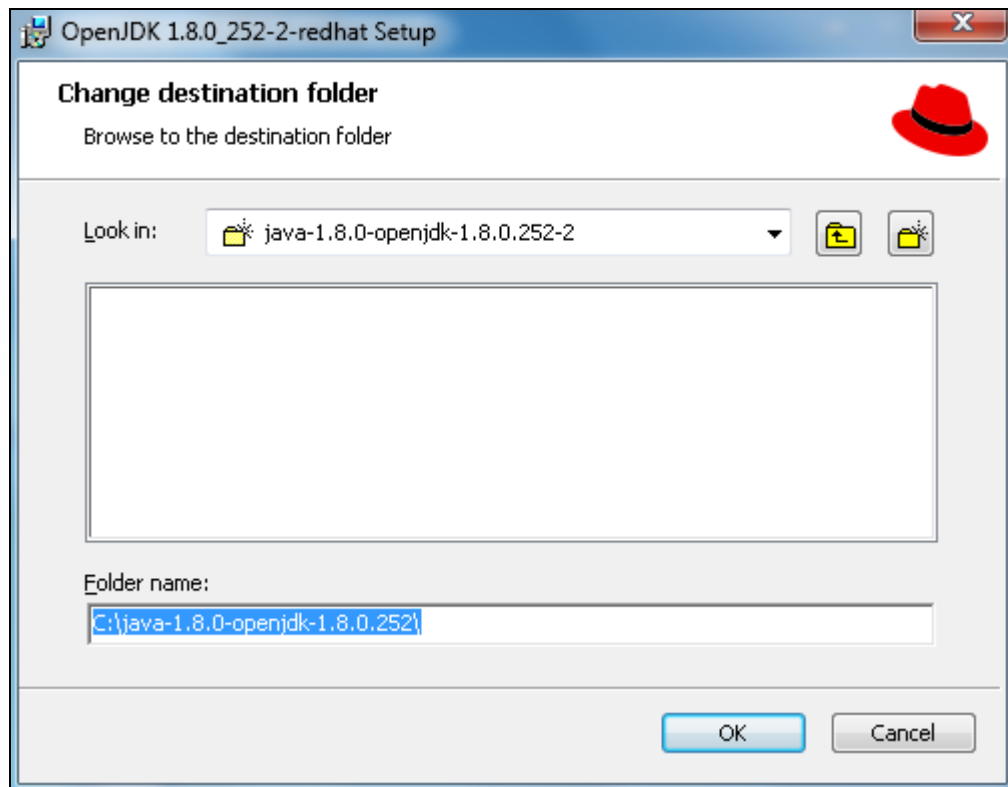


Click on “Next” button.

Step 19 : View the Change java destination folder screen.

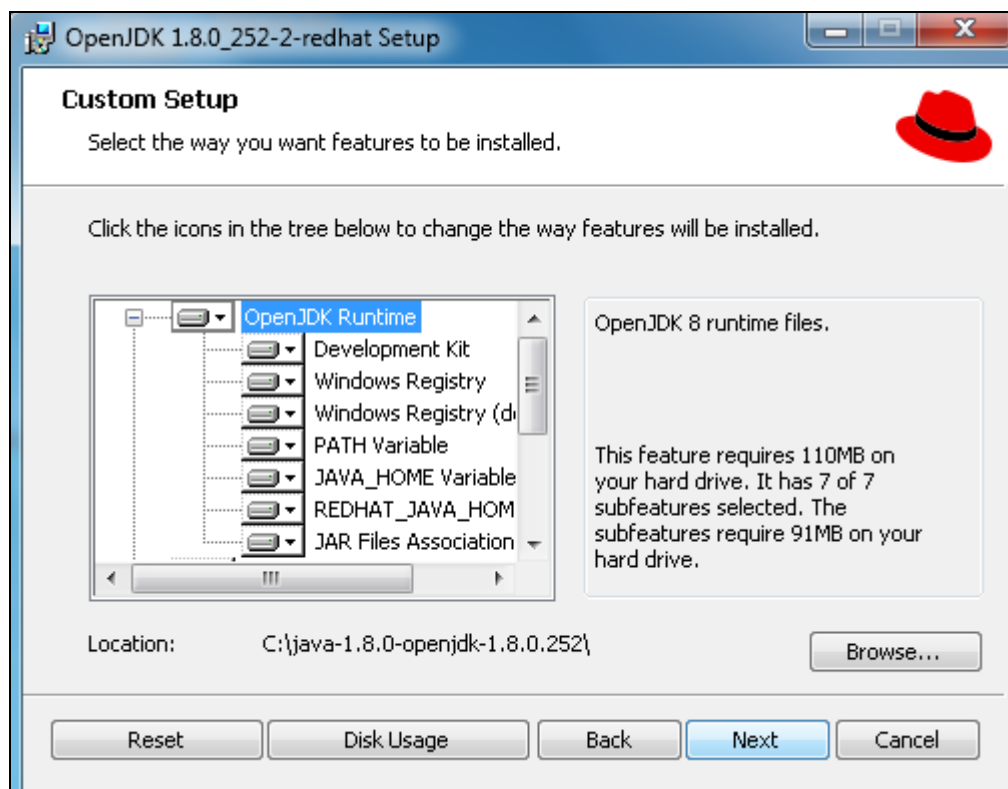


Step 20 : Change the java destination folder to ‘C:\java-1.8.0-openjdk-1.8.0.252\’



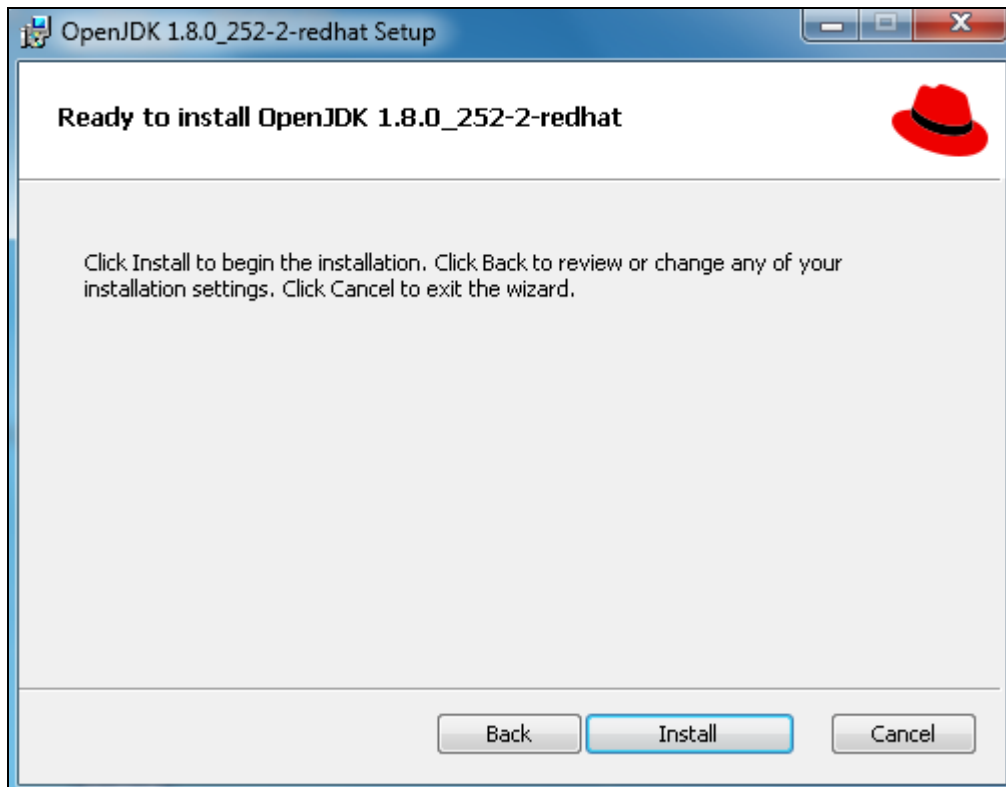
Click on “OK” button to continue.

Step 21 : View the changed java location in C drive.

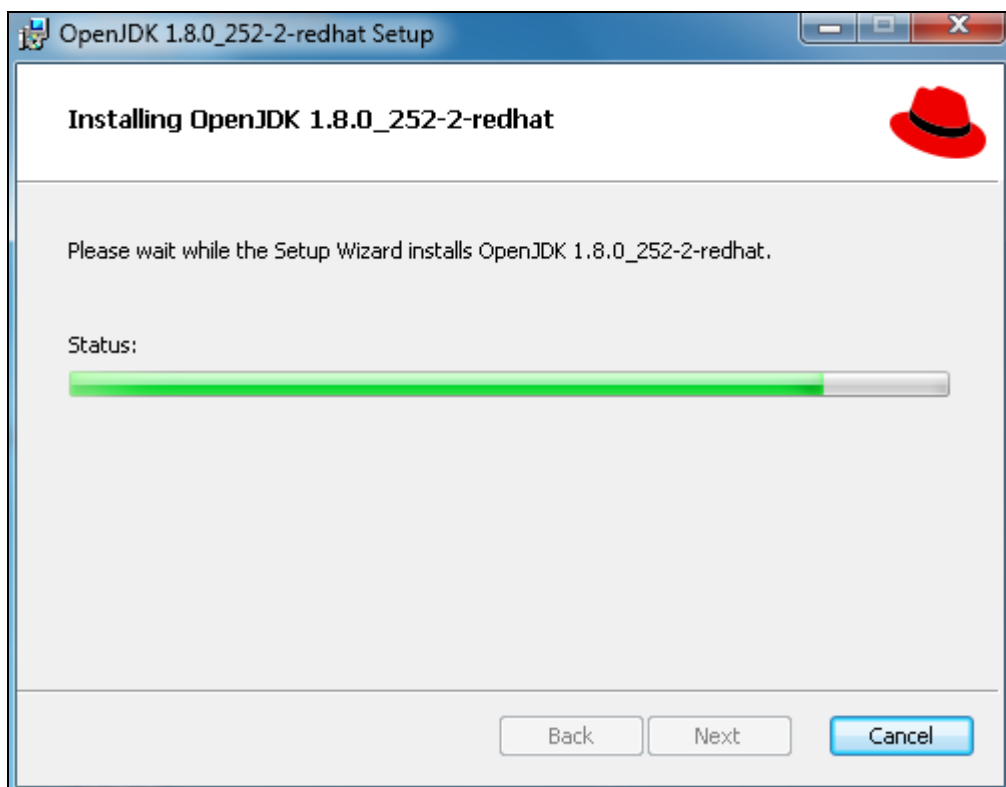


Click on “Next” button to continue.

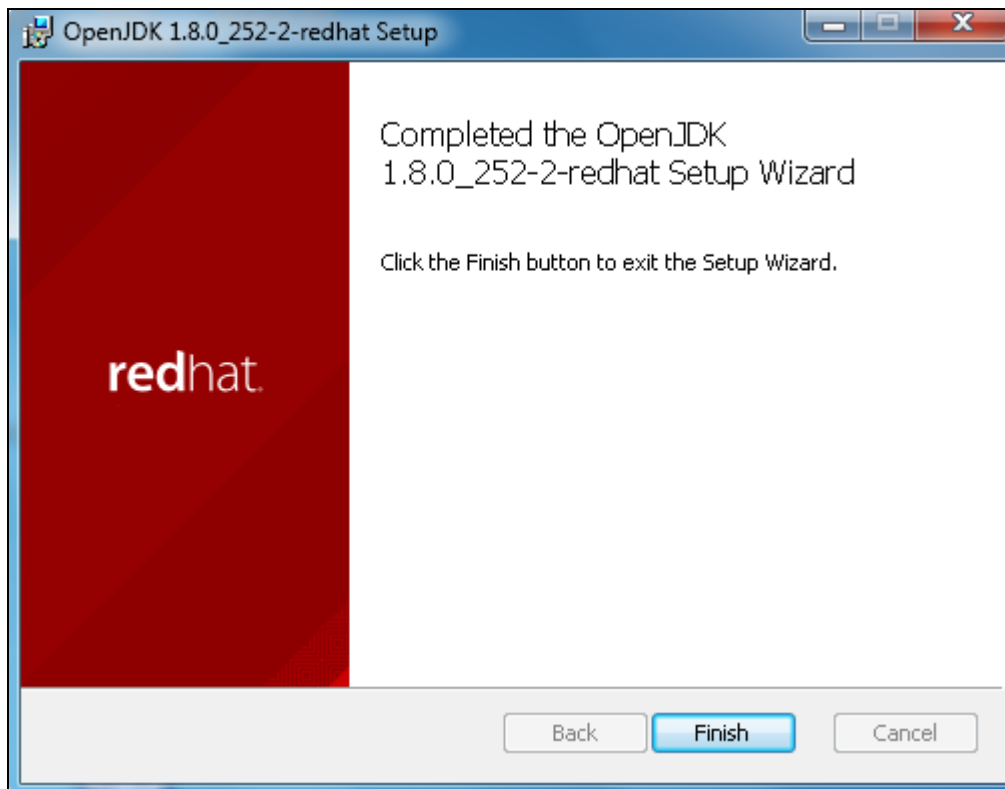
Step 22 : Click on “Install” button to begin the installation.



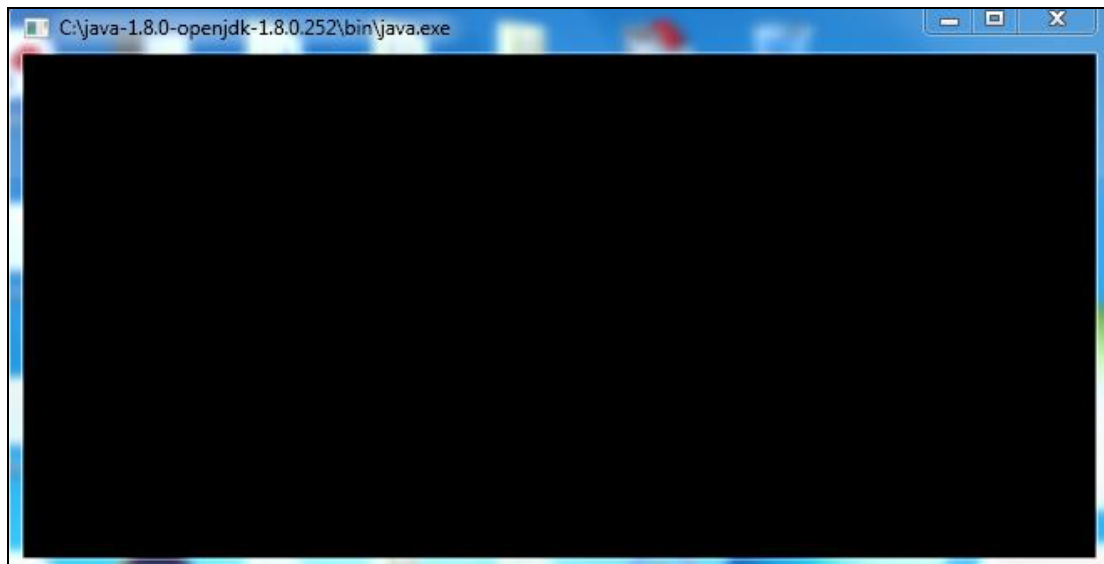
Step 23 : Installation process shall be initiated.



Step 24 : Once the installation process completed click on “Finish” button.



Step 25 : Next Command Prompt window shall be displayed.



Step 26 : Enter the following client details to create a client file.

ExpressTXR Invoice- File Creator

KEY	VALUE
CLIENT_ID	
CLIENT_SECRET	
Seller_Gstin	29AABC12764F000
Seller_LglNm	
Seller_Addr1	
Seller_Loc	
Seller_Pin	
Seller_Stcd	

File Name :

Step 27 : Enter the file name.

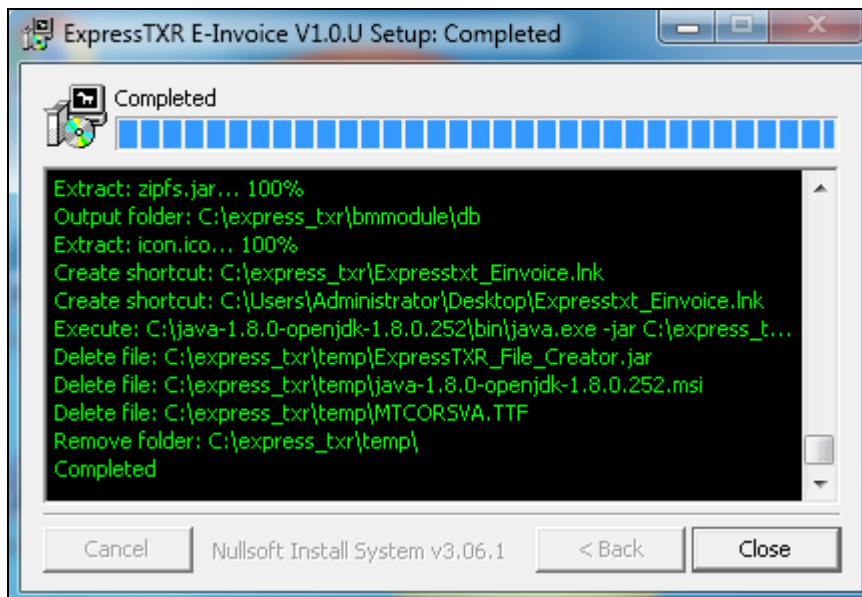
ExpressTXR Invoice- File Creator

KEY	VALUE
CLIENT_ID	17xx3482f7fda1ff4e54a61ed850d1b92a60
CLIENT_SECRET	528181d842f04351992e8af9b42ada18
Seller_Gstin	29AABC12764F000
Seller_LglNm	BUREAU OF INDIAN STANDARDS
Seller_Addr1	9 BAHADUR SHAH ZAFAR MARG
Seller_Loc	NEW DELHI
Seller_Pin	560064
Seller_Stcd	29

File Name :

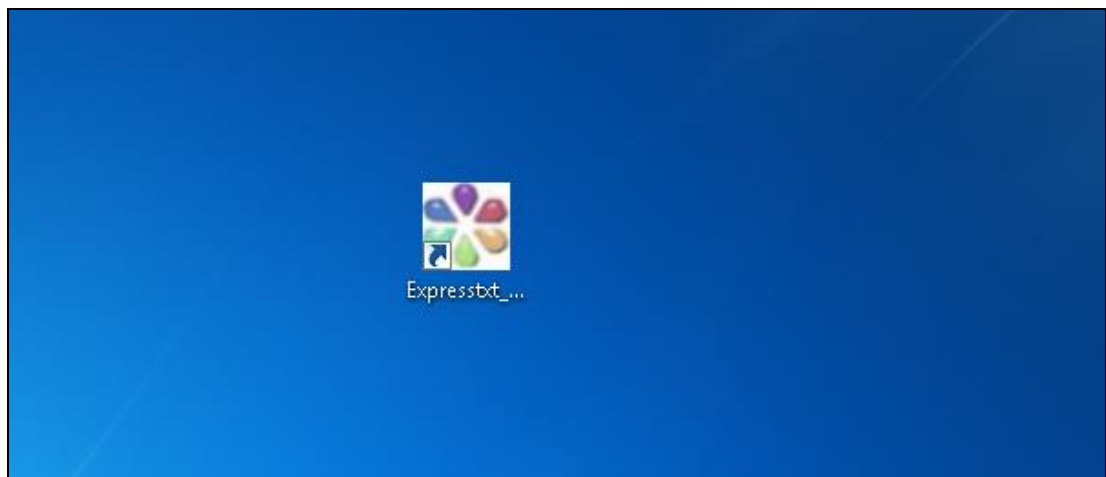
Click on “Create” button.

Step 28 : ‘File created’ message shall be displayed.



Click on “Close” button.

Step 31 : A shortcut icon for utility shall be created in desktop.


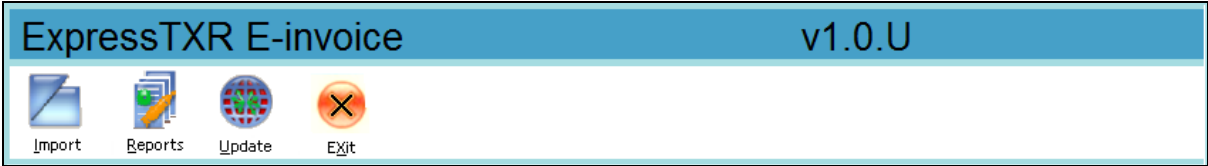
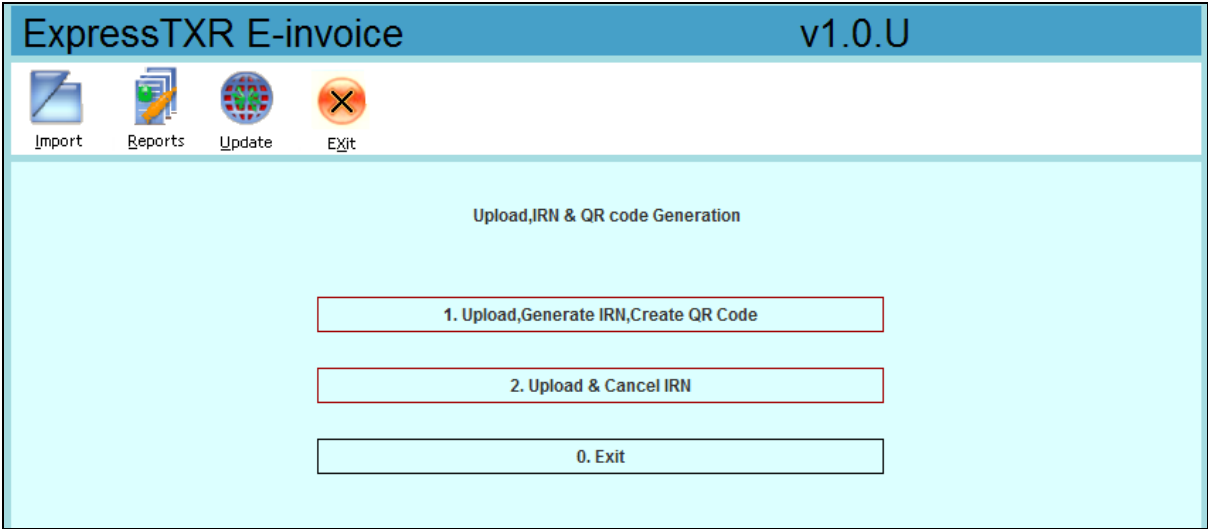


-----END OF THE DOCUMENT-----

Job Card - E-Invoicing Offline Utility

This document consists step wise process of upload invoice data on IRN portal, generate IRN and QR Code, upload & cancel IRN, search reports and create / update settings.










1. Upload, Generate IRN and QR Code

Step 1	<p>: Click on E-Invoice Utility Icon available on desktop.</p>  <p>Note: This is a sample utility icon for the user understanding.</p>
Step 2	<p>: Application menu shall be displayed with following functionality.</p> <ol style="list-style-type: none"> 1. Import 2. Reports 3. Update 4. Exit 
Step 3	<p>: Click on “Import” menu icon. Following options shall be displayed as shown in below screen.</p> 
Step 4	<p>: Click on “Upload, Generate IRN, Create QR Code” option.</p>
Step 5	<p>: Following page shall be displayed. Click on “Browse” button to browses and upload a file.</p>




	<div data-bbox="264 226 1476 376" data-label="Complex-Block"></div> <p data-bbox="264 409 1262 501">Click on “Sample File Download” button to download the sample file in (xls / xlsx) Click on “Exit” button to exit the module.</p>
Step 6	: Search for the file to upload. <div data-bbox="264 598 1476 1261" data-label="Complex-Block"></div>
Step 7	: Select the file to upload and click on “Import” button. <div data-bbox="264 1355 1476 2011" data-label="Complex-Block"></div>

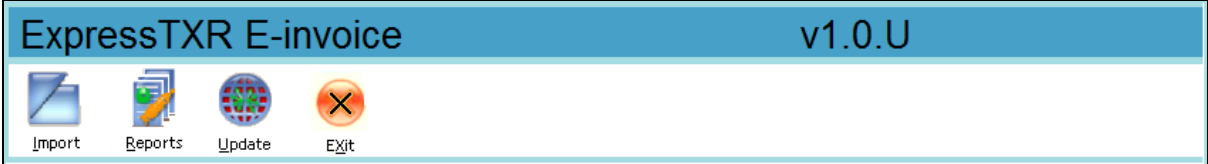


<p>Step 8</p>	<p>: View the imported file details.</p> <table border="1" data-bbox="263 286 1497 443"> <thead> <tr> <th>A</th> <th>B</th> <th>C</th> <th>D</th> <th>E</th> <th>F</th> <th>G</th> <th>H</th> <th>I</th> <th>J</th> <th>K</th> <th>L</th> <th>M</th> <th>N</th> </tr> <tr> <th>Supplier</th> <th>Document</th> <th>Invoice NO</th> <th>Item Seq</th> <th>Invoice Financial year</th> <th>Ref Invoice NO</th> <th>Ref Invoice</th> <th>Credit/Debit note</th> <th>Seller e</th> <th>Seller phone nu</th> <th>Buyer Gstin</th> <th>Buyer Lglnm</th> <th>Buyer</th> <th>Buyer Add</th> </tr> </thead> <tbody> <tr> <td>B2B</td> <td>INV</td> <td>20290B08TES2062</td> <td>1</td> <td>26/07/20</td> <td>20-21</td> <td>20290B08TES1049</td> <td>26/07/2020</td> <td>BAKGLORE</td> <td>shanthi@</td> <td>9961234529AWGPV71</td> <td>MY BANK LIM</td> <td>29H NO 1441</td> <td></td> </tr> <tr> <td>B2B</td> <td>INV</td> <td>20290B08TES2062</td> <td>2</td> <td>26/07/20</td> <td>20-21</td> <td>20290B08TES1049</td> <td>26/07/2020</td> <td>BAKGLORE</td> <td>shanthi@</td> <td>9961234529AWGPV71</td> <td>MY BANK LIM</td> <td>29H NO 1441</td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <table border="1" data-bbox="263 472 1506 902"> <thead> <tr> <th>Reference</th> <th>File Name</th> <th>Attachment</th> </tr> </thead> <tbody> <tr> <td>Upload & IRN file specification sheet</td> <td>Upload_&_IRN_GENERATION_File_specification_v6</td> <td> Upload_&_IRN_GENERATION_File_specit</td> </tr> <tr> <td>Input File - Upload, IRN Generation</td> <td>Sample_v4_B2B_IGST</td> <td> Sample_v4_B2B_IGST T.xlsx</td> </tr> <tr> <td>Output File - Upload, IRN Generation</td> <td>Upload, IRN Generation</td> <td> Sample_v4_B2B_IGST T.xlsx</td> </tr> </tbody> </table>	A	B	C	D	E	F	G	H	I	J	K	L	M	N	Supplier	Document	Invoice NO	Item Seq	Invoice Financial year	Ref Invoice NO	Ref Invoice	Credit/Debit note	Seller e	Seller phone nu	Buyer Gstin	Buyer Lglnm	Buyer	Buyer Add	B2B	INV	20290B08TES2062	1	26/07/20	20-21	20290B08TES1049	26/07/2020	BAKGLORE	shanthi@	9961234529AWGPV71	MY BANK LIM	29H NO 1441		B2B	INV	20290B08TES2062	2	26/07/20	20-21	20290B08TES1049	26/07/2020	BAKGLORE	shanthi@	9961234529AWGPV71	MY BANK LIM	29H NO 1441																																																										Reference	File Name	Attachment	Upload & IRN file specification sheet	Upload_&_IRN_GENERATION_File_specification_v6	 Upload_&_IRN_GENERATION_File_specit	Input File - Upload, IRN Generation	Sample_v4_B2B_IGST	 Sample_v4_B2B_IGST T.xlsx	Output File - Upload, IRN Generation	Upload, IRN Generation	 Sample_v4_B2B_IGST T.xlsx
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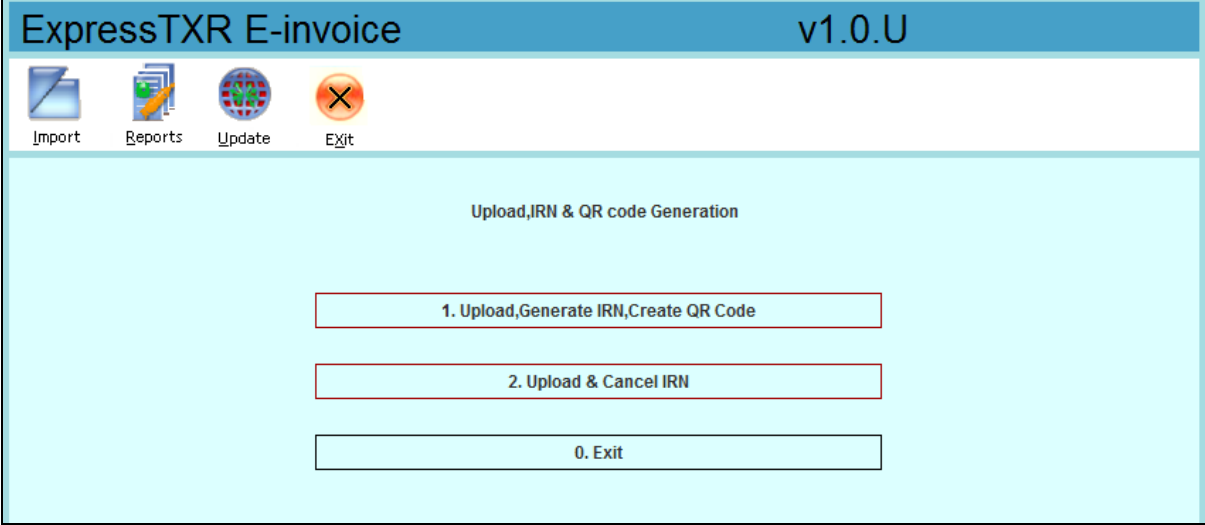
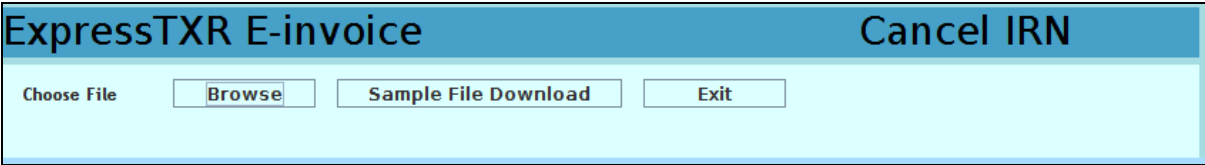
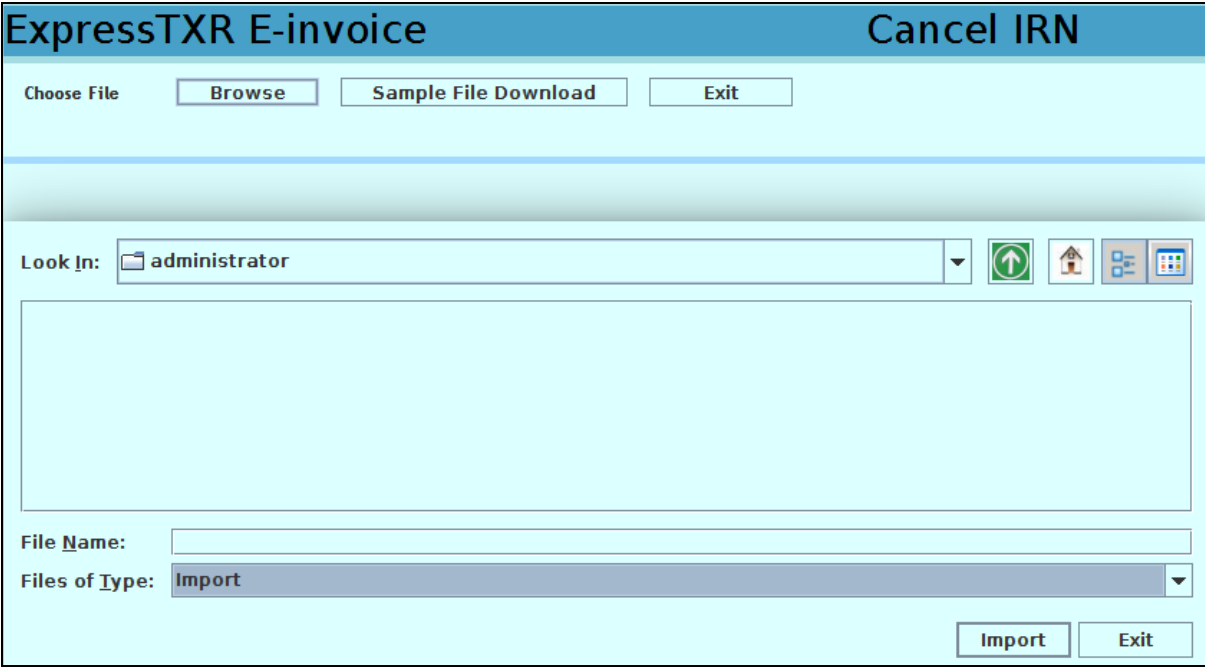


Tax Invoice						
BUREAU OF INDIAN STANDARDS(20-21) 9 BAHADUR SHAH ZAFAR MARG NEW DELHI 560064 GSTIN/UIN : 29AABCI2764F000 State Name: KARNATAKA ,Code: 29		Invoice No 2029OB08TES1065	Dated 26/07/2020			
Buyer MY BANK LIMITED BAKLORE 623501 GSTIN/UIN : 33AABCI2764F003 State Name TAMIL NADU ,Code :33		Delivery Note DELIVERY_NOTE1	Mode/Terms of Payment MODE1			
AckNo No : 112010001425717 Ack Date : 2020-09-08 09:44:00		Supplier's Ref SUPPLIERS_REF1	Other Reference(s) OTHER1			
		Buyer's Order No 1	Dated 26/07/2020			
		Despatch Document No 101	Delivery Note Date 26/07/2020			
		Despatch Through THROUGH1	Destination 1			
		Terms Of Delivery TERM1				
IRN No: a30a67a3159e59b302820baabf8f0b58566e1f3790427a280ed0889b41dc4b1a						
SINo	Description Of Services	HSN/SAC	Quantity	Rate	Per	Amount
1	Description1	9971				100
2	OUTPUT IGST	9971				18
3	Description1	9971				100
4	OUTPUT IGST	9971				18
Total						236.00
Amount Chargable :						236.00
HSN/SAC	Taxable Value	Integrated Tax		Per	Amount	Total Tax Amount
		Rate	Amount			
9971	100	18		18		18
9971	100	18		18		18
Total						36.00
Tax Amount :						36.00
Declaration We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.		for BUREAU OF INDIAN STANDARDS(20-21) Authorized Signatory				
This is a Computer Generated Invoice						
						

2. Upload & Cancel IRN

Step 1	:	Click on "Import" menu icon.
		
Step 2	:	Following options shall be displayed as shown in below screen.



	
Step 3	: Click on “Upload & Cancel IRN” option
Step 4	: Following page shall be displayed. Click on “Browse” button to browse and upload a file.  Click on “Sample File Download” button to download the sample file in (xls / xlsx) Click on “Exit” button to exit the module.
Step 5	: Search for the file to upload. 
Step 6	: Select the file to upload and click on “Import” button.



	<div style="border: 1px solid black; padding: 5px;"> <h3 style="text-align: center; background-color: #0070C0; color: white; margin: 0;">ExpressTXR E-invoice Cancel IRN</h3> <p style="margin: 5px 0;">Choose File <input type="button" value="Browse"/> <input type="button" value="Sample File Download"/> <input type="button" value="Exit"/></p> <hr/> <p>Look In: E-Invoice <input type="button" value="Up"/> <input type="button" value="Home"/> <input type="button" value="Refresh"/> <input type="button" value="View"/> </p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: small;"> <tr> <td style="padding: 2px;">rateIRNFinal.xlsx</td> <td style="padding: 2px;"><input type="checkbox"/> Sample_File_CancelIRN.xls</td> <td style="padding: 2px;">S</td> </tr> <tr> <td style="padding: 2px;">e-Invoice_API_Integration_Document_for_BIS_V0.pdf</td> <td style="padding: 2px;"><input type="checkbox"/> Sample_File_CancelIRN.xlsx</td> <td style="padding: 2px;">S</td> </tr> <tr> <td style="padding: 2px;">V1.xls</td> <td style="padding: 2px;"><input type="checkbox"/> Sample_IRNRequest-Response.txt</td> <td style="padding: 2px;">S</td> </tr> <tr> <td style="padding: 2px;">cKey.zip</td> <td style="padding: 2px;"><input type="checkbox"/> Sample_v4.xlsx</td> <td style="padding: 2px;">S</td> </tr> <tr> <td style="padding: 2px;">le2.xlsx</td> <td style="padding: 2px;"><input type="checkbox"/> Sample_v4_1.xlsx</td> <td style="padding: 2px;">S</td> </tr> </table> <p style="margin: 5px 0;">File Name: <input style="width: 80%;" type="text" value="Sample_File_CancelIRN.xls"/></p> <p style="margin: 5px 0;">Files of Type: All Files</p> <p style="text-align: right; margin: 5px 0;"> <input type="button" value="Import"/> <input type="button" value="Exit"/> </p> </div>	rateIRNFinal.xlsx	<input type="checkbox"/> Sample_File_CancelIRN.xls	S	e-Invoice_API_Integration_Document_for_BIS_V0.pdf	<input type="checkbox"/> Sample_File_CancelIRN.xlsx	S	V1.xls	<input type="checkbox"/> Sample_IRNRequest-Response.txt	S	cKey.zip	<input type="checkbox"/> Sample_v4.xlsx	S	le2.xlsx	<input type="checkbox"/> Sample_v4_1.xlsx	S																																														
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<p>Step 7</p>	<p>: View the IRN cancel reason and remark.</p> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small; margin-bottom: 10px;"> <thead> <tr style="background-color: #F4B084;"> <th style="width: 5%;"> </th> <th style="width: 55%;">A</th> <th style="width: 15%;">B</th> <th style="width: 15%;">C</th> <th style="width: 10%;">D</th> <th style="width: 10%;">E</th> <th style="width: 10%;">F</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>IRN</td> <td>Reason</td> <td>Remark</td> <td></td> <td></td> <td></td> </tr> <tr style="background-color: #F4B084;"> <td>2</td> <td>6d018b97f71b381e76903c37fb224046647df547c1c050b89df7ec680b4d212a</td> <td>Others</td> <td>Wrong Entry</td> <td></td> <td></td> <td></td> </tr> <tr> <td>3</td> <td>4ab8381e6166d6e0f97d45b7f65c45c57cd75a261f884c8193e1b58f488437fd</td> <td>Others</td> <td>Wrong Entry</td> <td></td> <td></td> <td></td> </tr> <tr> <td>4</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>5</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>6</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> <table border="1" style="width: 100%; border-collapse: collapse; font-size: x-small;"> <thead> <tr style="background-color: #0070C0; color: white;"> <th style="width: 30%;">Reference</th> <th style="width: 40%;">File Name</th> <th style="width: 30%;">Attachment</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">Cancel IRN file specification sheet</td> <td style="padding: 5px;">Cancel_IRN_File_specification_Cancel_IRN_v5</td> <td style="padding: 5px; text-align: center;"> Cancel_IRN_File_specification_Cancel_IRN_v5.xlsx </td> </tr> <tr> <td style="padding: 5px;">Input File - IRN Cancel</td> <td style="padding: 5px;">Sample_Cancel_IRN</td> <td style="padding: 5px; text-align: center;"> Sample_Cancel_IRN.xlsx </td> </tr> <tr> <td style="padding: 5px;">Output File - IRN Cancel</td> <td style="padding: 5px;">Sample_Cancel_IRN</td> <td style="padding: 5px; text-align: center;"> Sample_Cancel_IRN.xlsx </td> </tr> </tbody> </table>		A	B	C	D	E	F	1	IRN	Reason	Remark				2	6d018b97f71b381e76903c37fb224046647df547c1c050b89df7ec680b4d212a	Others	Wrong Entry				3	4ab8381e6166d6e0f97d45b7f65c45c57cd75a261f884c8193e1b58f488437fd	Others	Wrong Entry				4							5							6							Reference	File Name	Attachment	Cancel IRN file specification sheet	Cancel_IRN_File_specification_Cancel_IRN_v5	 Cancel_IRN_File_specification_Cancel_IRN_v5.xlsx	Input File - IRN Cancel	Sample_Cancel_IRN	 Sample_Cancel_IRN.xlsx	Output File - IRN Cancel	Sample_Cancel_IRN	 Sample_Cancel_IRN.xlsx
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<p>Step 10</p>	<p>: View the IRN cancellation status with cancel date.</p>																																																													



	A	B	C	D	E	F	G
1	IRN	Reason	Remark		Status	Cancel Date	
2	6d018b97f71b381e76903c37fb224046647df547c1c050b89df7ec680b4d212a	Others	Wrong Entry		Cancelled	2020-09-11 22:51:00	
3	4ab8381e6166d6e0f97d45b7f65c45c57cd75a261f884c8193e1b58f488437fd	Others	Wrong Entry		Cancelled	2020-09-11 22:51:00	
4							
5							
6							

Step 11 : IRN cancellation process shall be completed once the status is received from IRP portal.

ExpressTXR E-invoice **Cancel IRN**


Choose File

Processing Completed

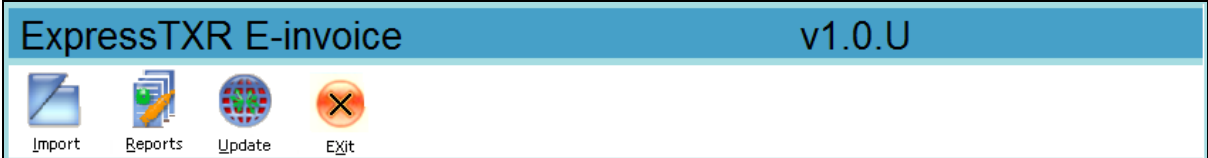
3. Reports

Step 1	: Click on "Reports" menu icon.	<div style="border: 1px solid black; padding: 5px;"> <p>ExpressTXR E-invoice v1.0.U</p> <p> <input type="button" value="Import"/> <input type="button" value="Reports"/> <input type="button" value="Update"/> <input type="button" value="Exit"/> </p> </div>
Step 2	: To search a report click on "Search Report" icon.	<div style="border: 1px solid black; padding: 5px;"> <p>ExpressTXR E-invoice v1.0.U</p> <p> <input type="button" value="Import"/> <input type="button" value="Reports"/> <input type="button" value="Update"/> <input type="button" value="Exit"/> </p> <p style="text-align: center;">Reports</p> <p style="text-align: center;"> <input type="button" value="1.Search Report"/> </p> <p style="text-align: center;"> <input type="button" value="0.Exit"/> </p> </div>
Step 3	: Enter the IRN No. and Invoice No. Click on "Search" button.	<div style="border: 1px solid black; padding: 5px;"> <p>ExpressTXR E-invoice Search Report</p> <p>IRN No.* : <input type="text" value="7ed2cef3e243b7b0938ad4dd3be33986e5bc34c573165208401422cd550c9"/></p> <p>Invoice No.* : <input type="text" value="20290B08SIND0028"/></p> <p style="text-align: center;"> <input type="button" value="Search"/> <input type="button" value="Exit"/> </p> <p>File Opened.</p> </div>
Step 4	: View the searched invoice.	







Tax Invoice						
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Buyer MY BANK LIMITED BAKGLORE 623501 GSTIN/UIN : 33AABCI2764F003 State Name TAMIL NADU ,Code :33		Delivery Note DELIVERY_NOTE1	Mode/Terms of Payment MODE1			
AckNo No : 112010001425717 Ack Date : 2020-09-08 09:44:00		Supplier's Ref SUPPLIERS_REF1	Other Reference(s) OTHER1			
		Buyer's Order No 1	Dated 26/07/2020			
		Despatch Document No 101	Delivery Note Date 26/07/2020			
		Despatch Through THROUGH1	Destination 1			
		Terms Of Delivery TERM1				
IRN No: a30a67a3159e59b302820baabf8f0b58566e1f3790427a280ed0889b41dc4b1a						
SINo	Description Of Services	HSN/SAC	Quantity	Rate	Per	Amount
1	Description1	9971				100
2	OUTPUT IGST	9971				18
3	Description1	9971				100
4	OUTPUT IGST	9971				18
Total						236.00
Amount Chargable :						236.00
HSN/SAC	Taxable Value	Integrated Tax		Per	Amount	Total Tax Amount
		Rate	Amount			
9971	100	18		18		18
9971	100	18		18		18
Total						36.00
Tax Amount :						36.00
Declaration We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.		for BUREAU OF INDIAN STANDARDS(20-21) Authorized Signatory				
This is a Computer Generated Invoice						
						

4. Update

Step 1	:	Click on "Update" menu icon.
		
Step 2	:	Click on "Create/Update - Settings" button.



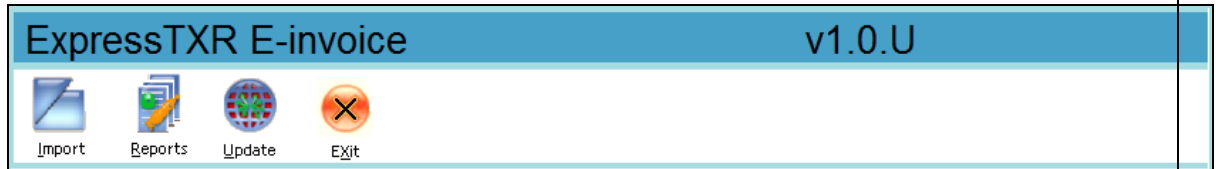
ExpressTXR E-invoice v1.0.U			
 Import	 Reports	 Update	 Exit
Update/Create Settings			
<input type="button" value="1. Create/Update - Settings"/>			
<input type="button" value="0. Exit"/>			

Step 3 : To create OR update, select the corresponding radio button.

ExpressTXR E-invoice Settings	
<input checked="" type="radio"/> Create <input type="radio"/> Update	
Seller Gstn	: <input type="text" value="29AAC12764F000"/>
Seller LglNm	: <input type="text" value="BUREAU OF INDIAN STANDARDS"/>
Seller Address1	: <input type="text" value="9 BAHADUR SHAH ZAFAR MARG"/>
Seller Location	: <input type="text" value="NEW DELHI"/>
Seller Pin	: <input type="text" value="560064"/>
Seller State Code	: <input type="text" value="29"/>
<input type="button" value="CREATE"/> <input type="button" value="EXIT"/>	

Enter the details as mentioned in the above screen and click on “Create” button.

5. Exit

Step 1	: Click on “Exit” button to exit the Utility.
	
Step 2	: A popup shall be displayed.



ExpressTXR E-invoice

v1.0.U



Import



Reports



Update



Exit

Are you sure ?

Yes

No

Click on "Yes" button to exit the utility.

-----END OF THE DOCUMENT-----



E-Invoice Offline Utility for B2CS
INSTALLATION MANUAL

ExpressTXR

Version 1.0.U



Document Information

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Chapter 1

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Chapter 2

Executive Summary



Executive Summary

ExpressTXR - E-Invoicing solution, ensures simplified processing of B2B invoices in the prescribed formats to comply with the regulatory requirements and streamline Invoice processing, improving business efficiency and reduce costs.

This document covers Installation Manual for E-Invoice offline utility for B2CS transactions. The structure of this document is divided into 3 chapters numbered from Chapter 1 to Chapter 3.

The first chapter is the contents page for easy navigation to the contents.

The second chapter explains details of the coverage of all the chapters.

The third chapter details the Installation process.



Chapter 3

Installation Process

1. Prerequisites and Initial Configuration

Following are the systems configuration and details required to install the utility -

1. OS: Windows 7 or above
2. RAM: 2GB or above
3. HDD: Minimum 5GB or above
4. Downloaded exe file
 - For 32-bit Operating System - ExpressTXR_B2CS_QR_32BIT_V_1.0_U.exe
 - For 64-bit Operating System - ExpressTXR_B2CS_QR_64BIT_V_1.0_U.exe

2. Downloading steps for Offline Utility exe file.

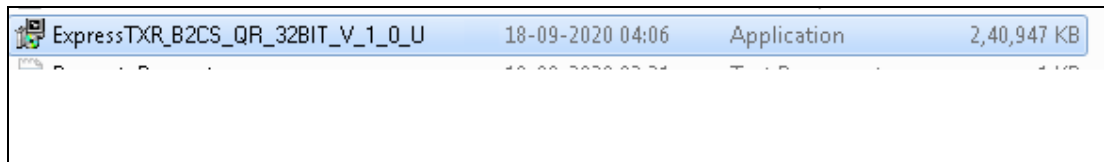
1. Goto <http://www.eccs.in/>
2. Click on Downloads
3. Click on other section download
4. To download for 32-bit OS put the name " ExpressTXR_B2CS_QR_32BIT_V_1.0_U.exe"
OR
To download for 64-bit OS put the name "ExpressTXR_B2CS_QR_64BIT_V_1.0_U.exe"

3. ExpressTXR E-Invoice Offline Utility Installation for B2CS

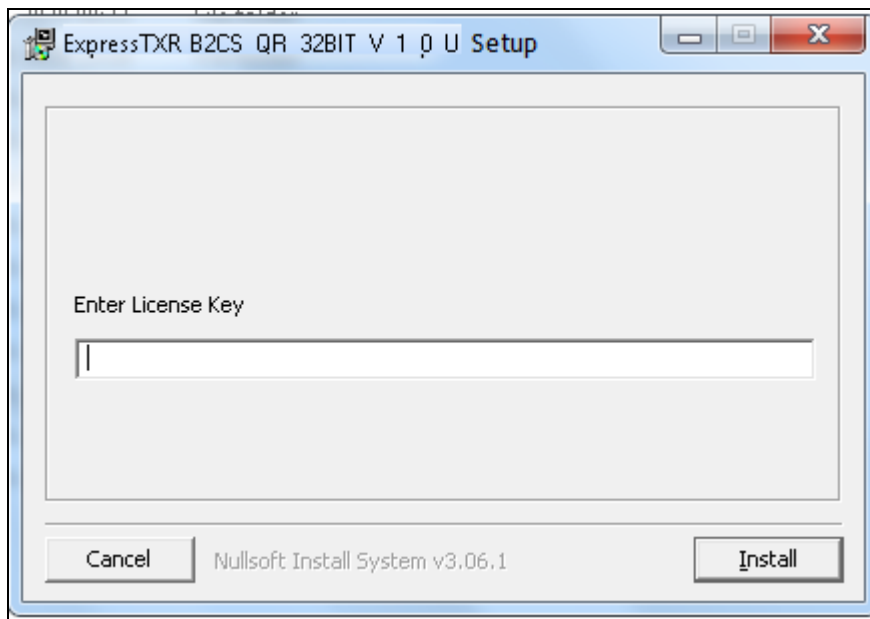
Following are the steps for installation of the offline utility by Image InfoSystems team.

Step 1 : For installing on 32-bit Operating System.

Double click on the 'ExpressTXR_B2CS_QR_32BIT_V_1.0_U'.



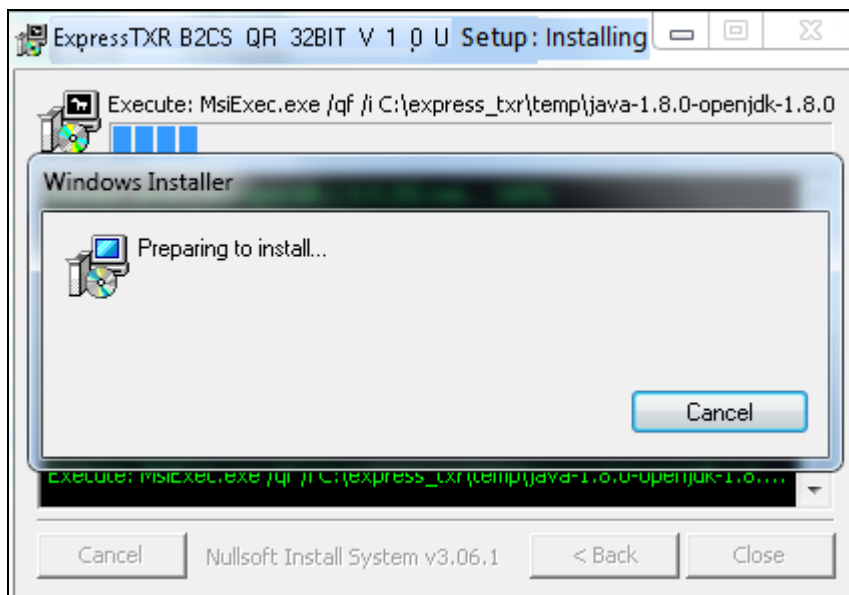
Step 2 : Enter the License key.



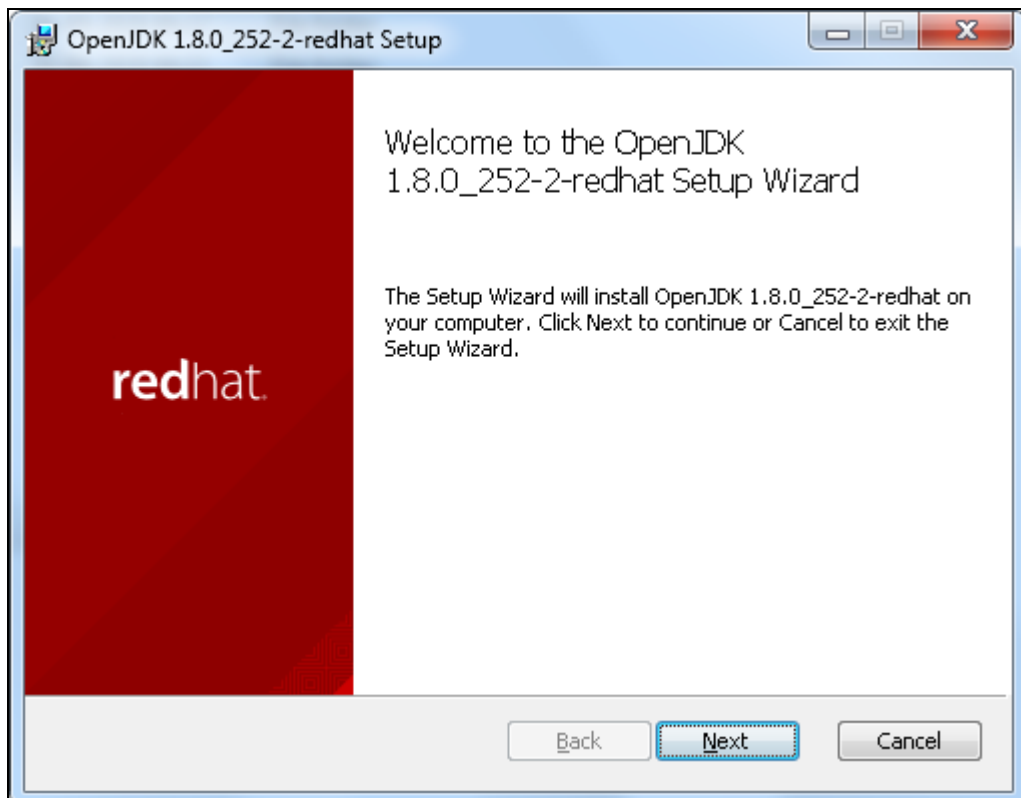
Click on “Install” button.

NOTE: Licence key is the registered GSTIN for production, For sandbox testing use the shared GSTIN.

Step 3 : Installing Setup process shall initiate.

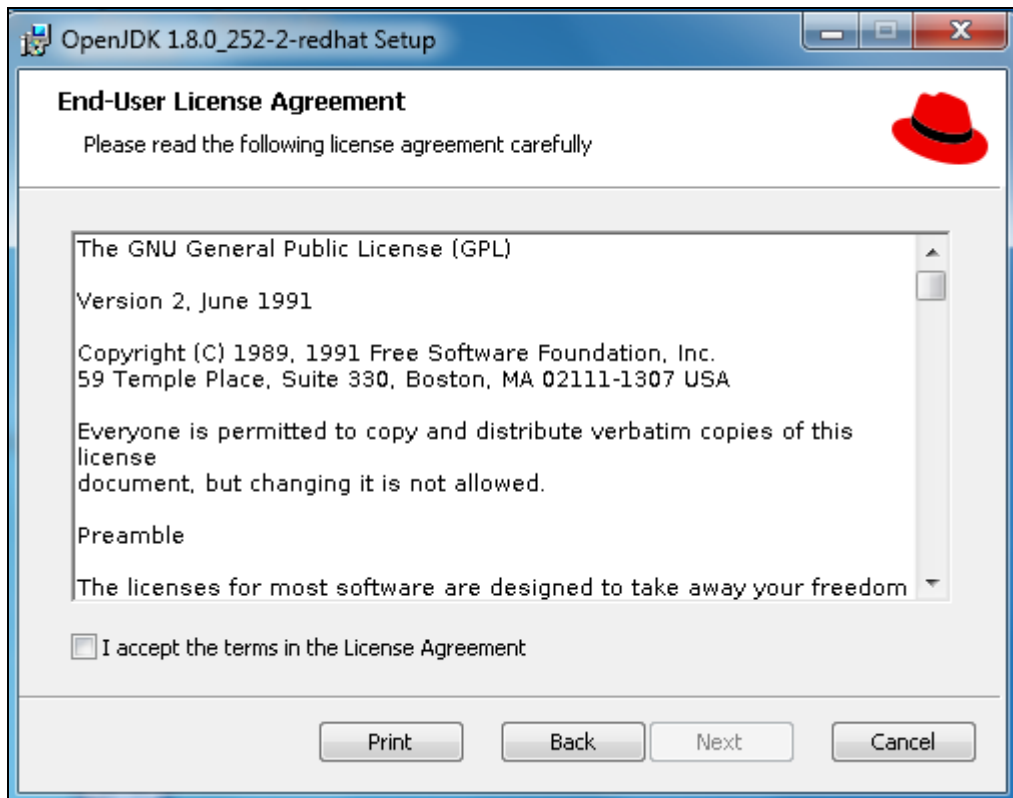


Step 4 Next Java installation setup wizard shall appear.

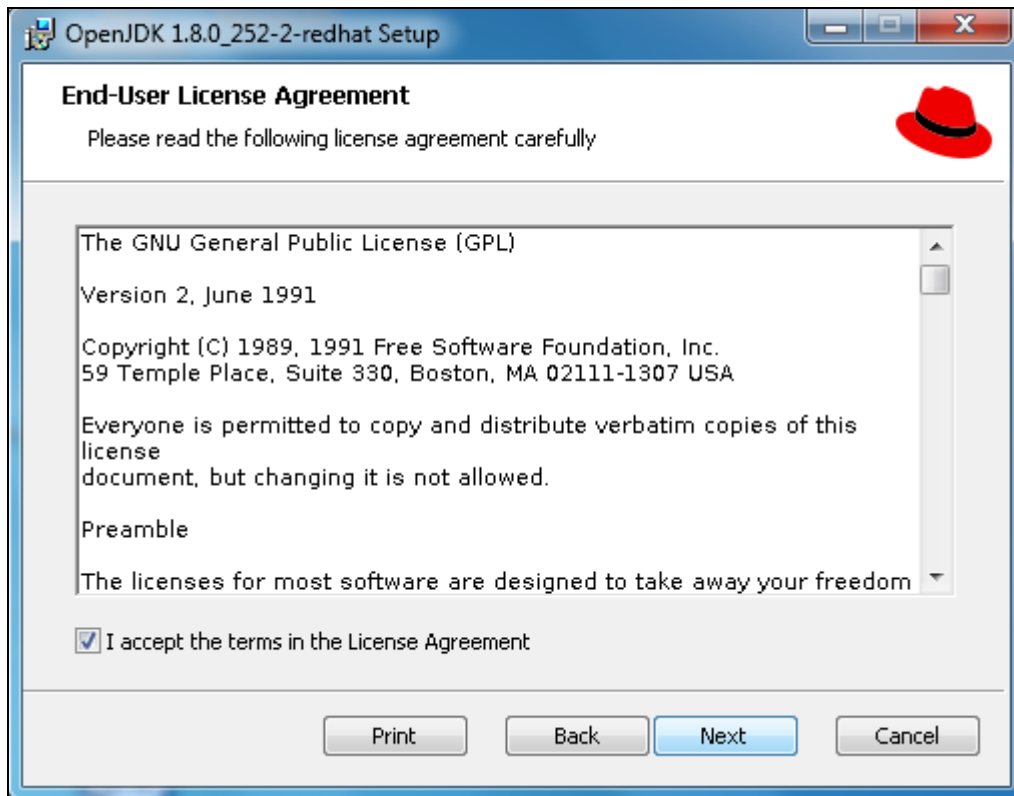


Click on “Next” button.

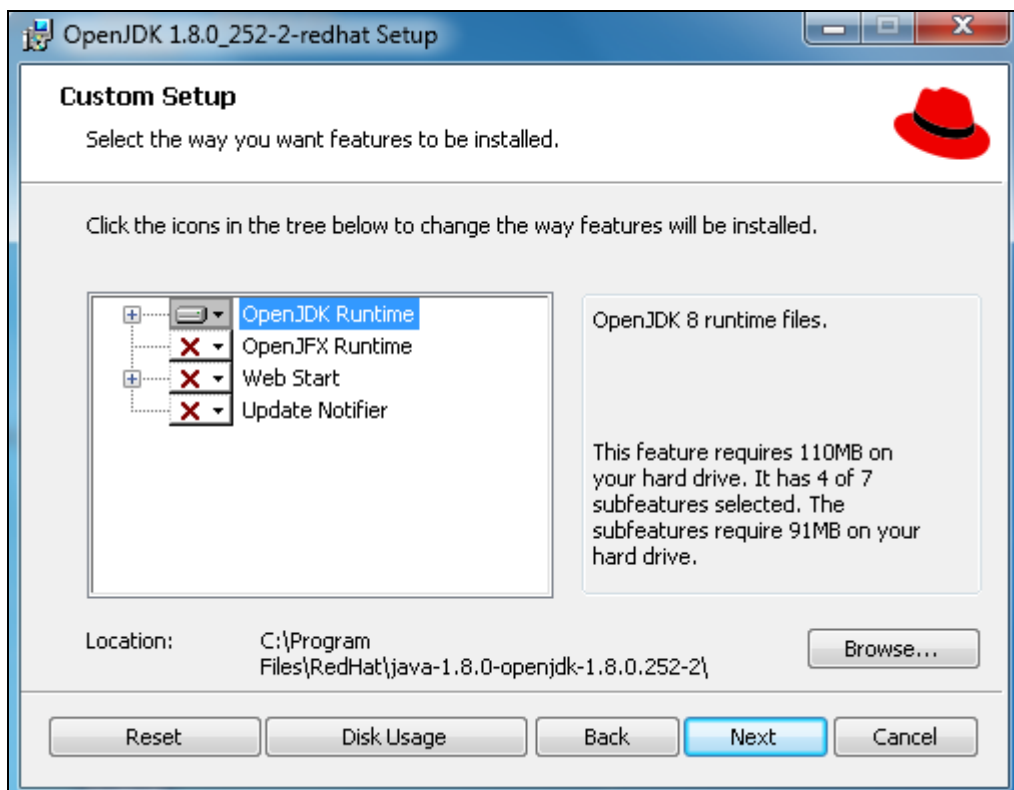
Step 5 : Accept the terms in the license agreement



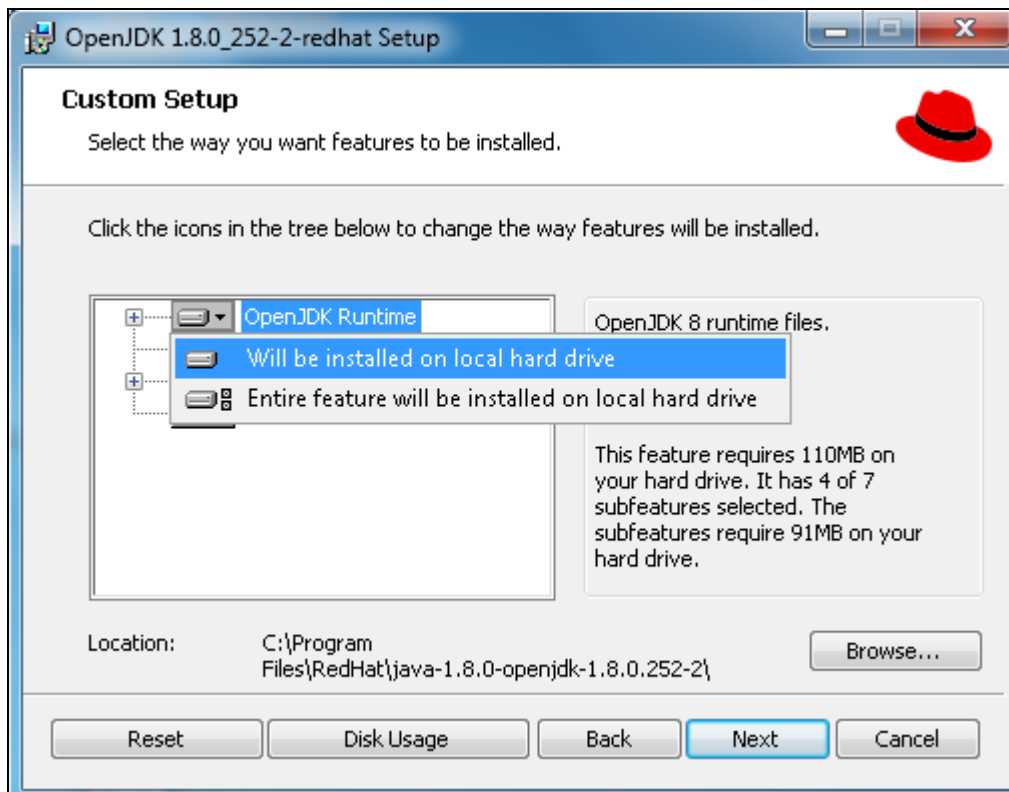
Step 6 : After accepting the license terms, click on “Next” button.



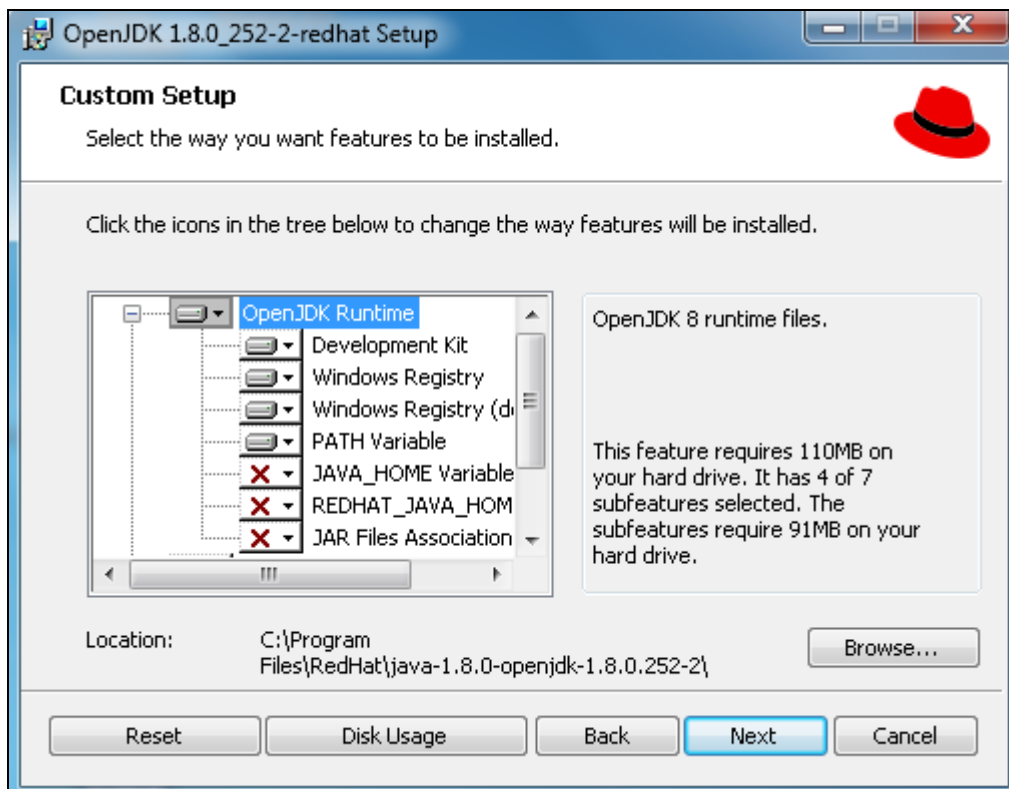
Step 7 : A Custom Setup wizard shall appear. Click on OpenJDK Runtime.



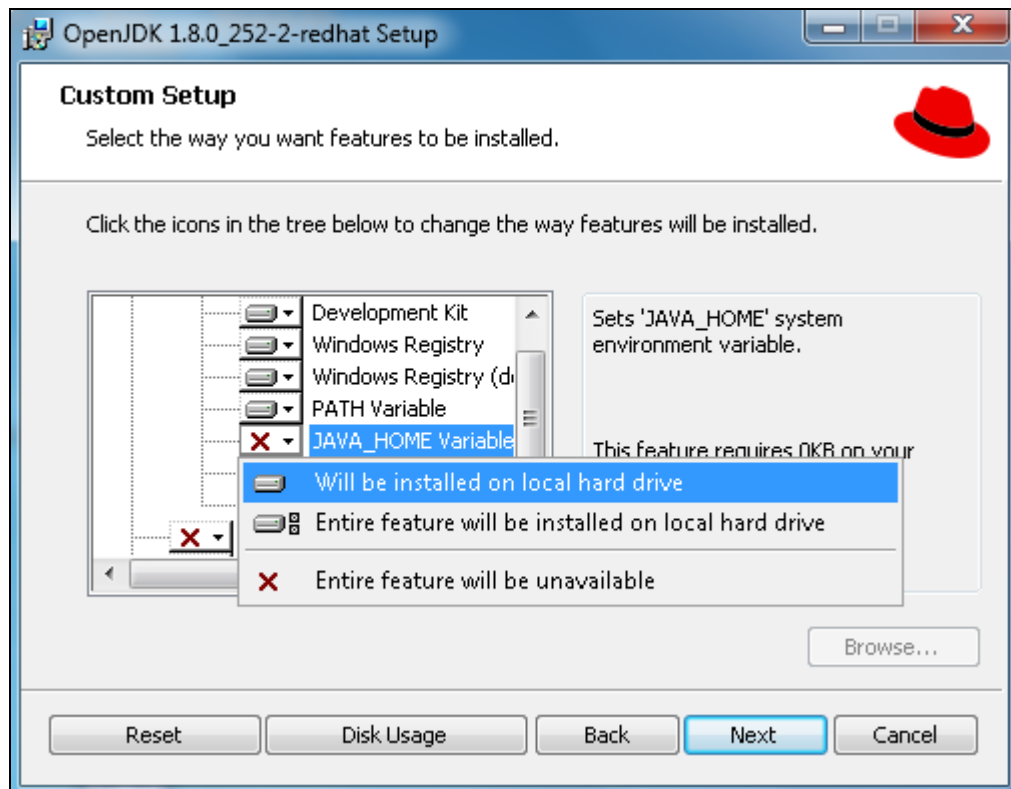
Step 8 : Click on first option ‘Will be installed on local hard drive’



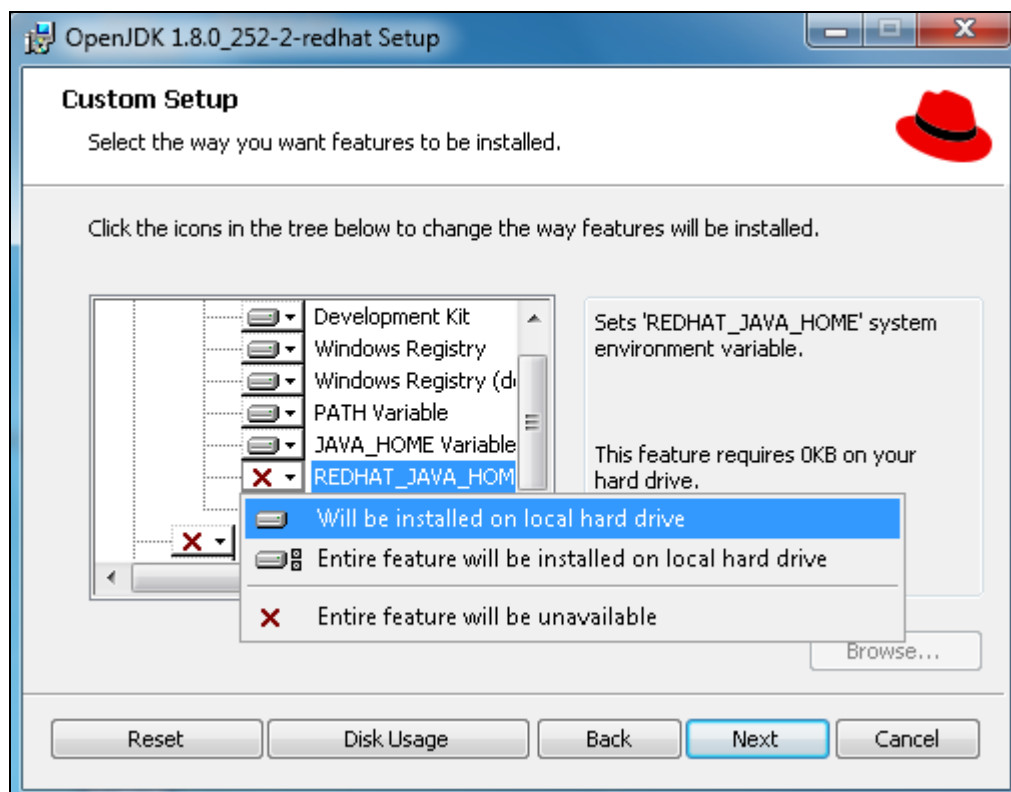
Step 9 : Click on '+' icon corresponding to 'OpenJDK Runtime' menu to open JDK Runtime files.



Step 10 : Click on 'JAVA_Home Variable' and select the first option 'Will be installed on local hard drive' to set the JAVA_HOME system environment variable.

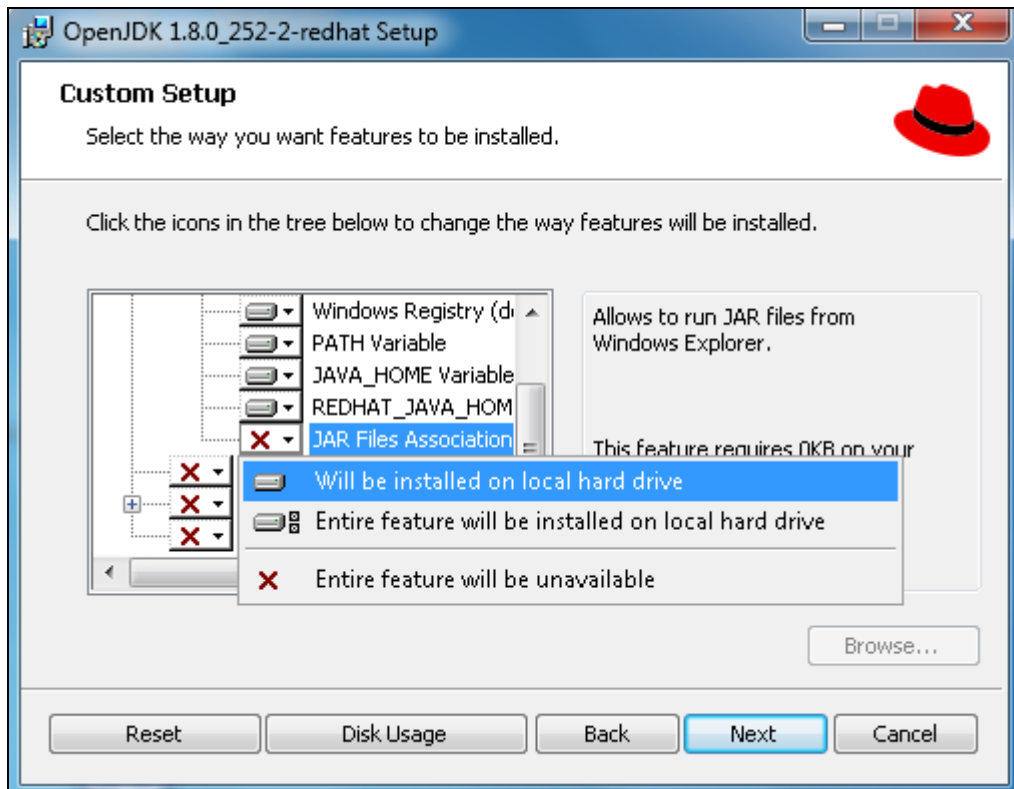


Step 11 : Click on 'REDHET_JAVE_HOME' and select the first option 'Will be installed on local hard drive' to set the REDHET_JAVA_HOME system environment variable.

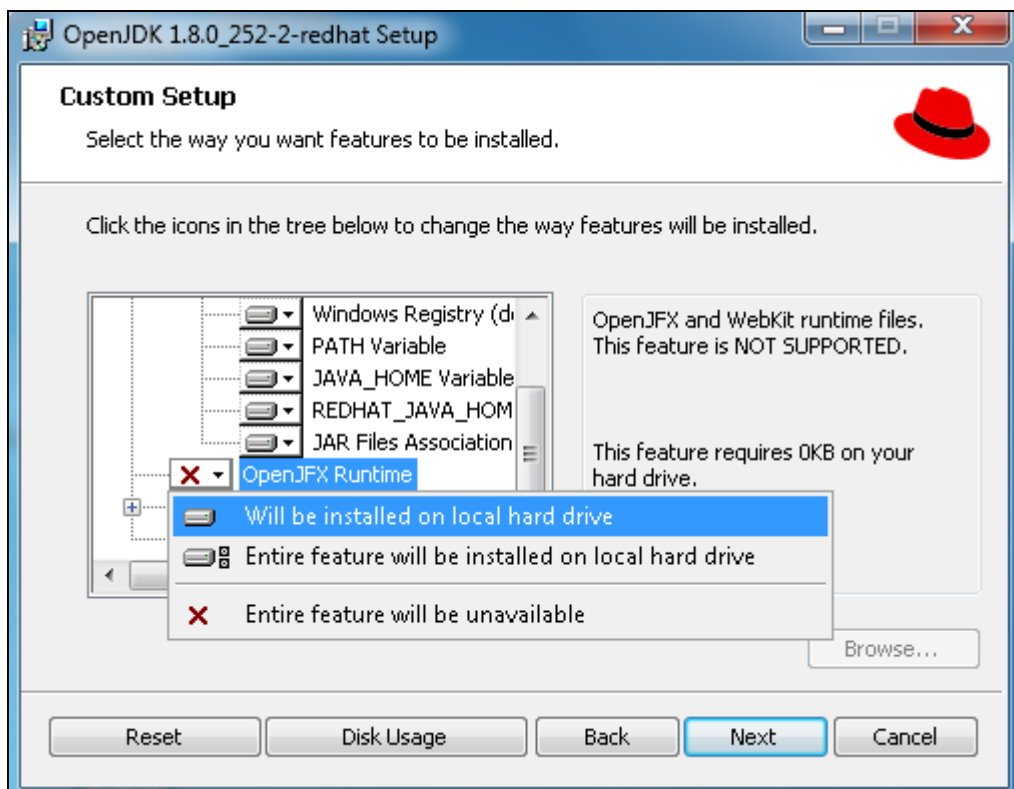


Step 12 : Click on 'JAR Files Association' and select the first option 'Will be installed on local hard drive' to set the JAR Files Association system environment variable.

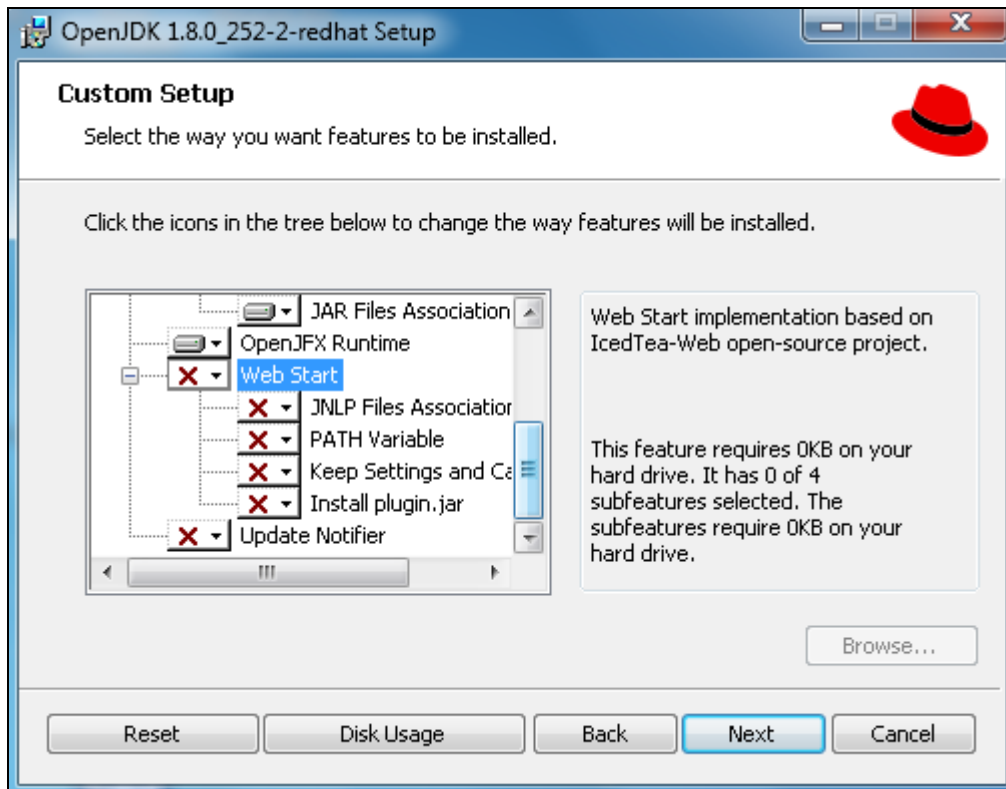
drive' to allow run JAR files.



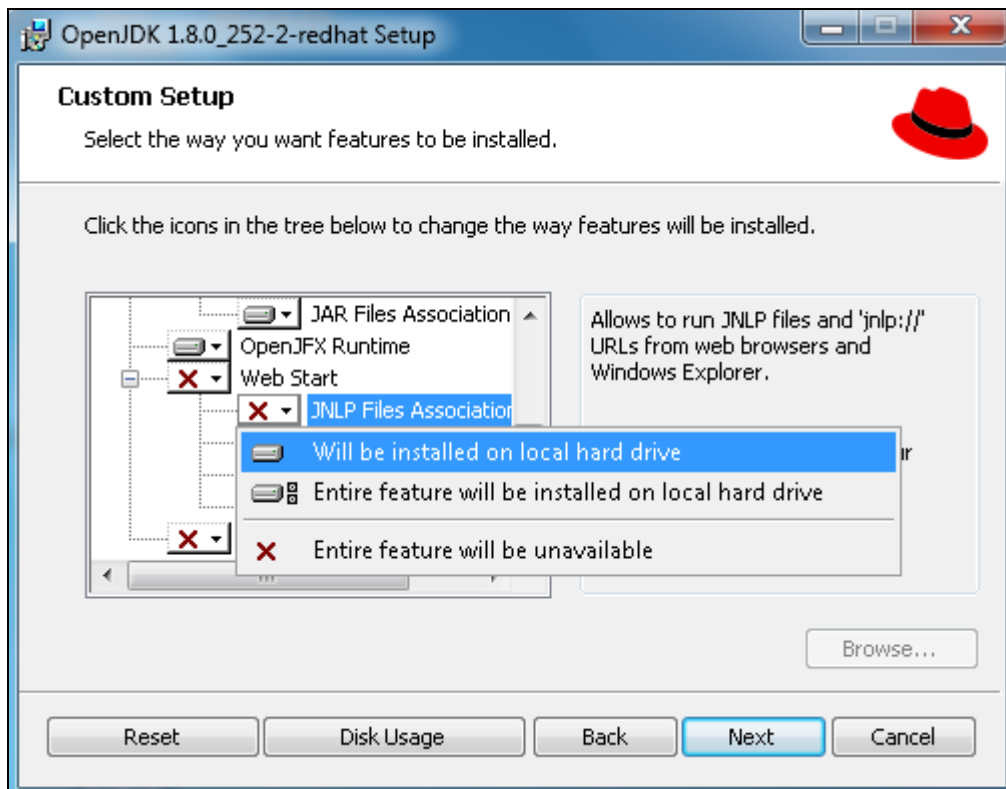
- Step 13 : Click on 'OpenJFX Runtime' menu and select the first option 'Will be installed on local hard drive' to install OpenJFX and Webkit runtime files.



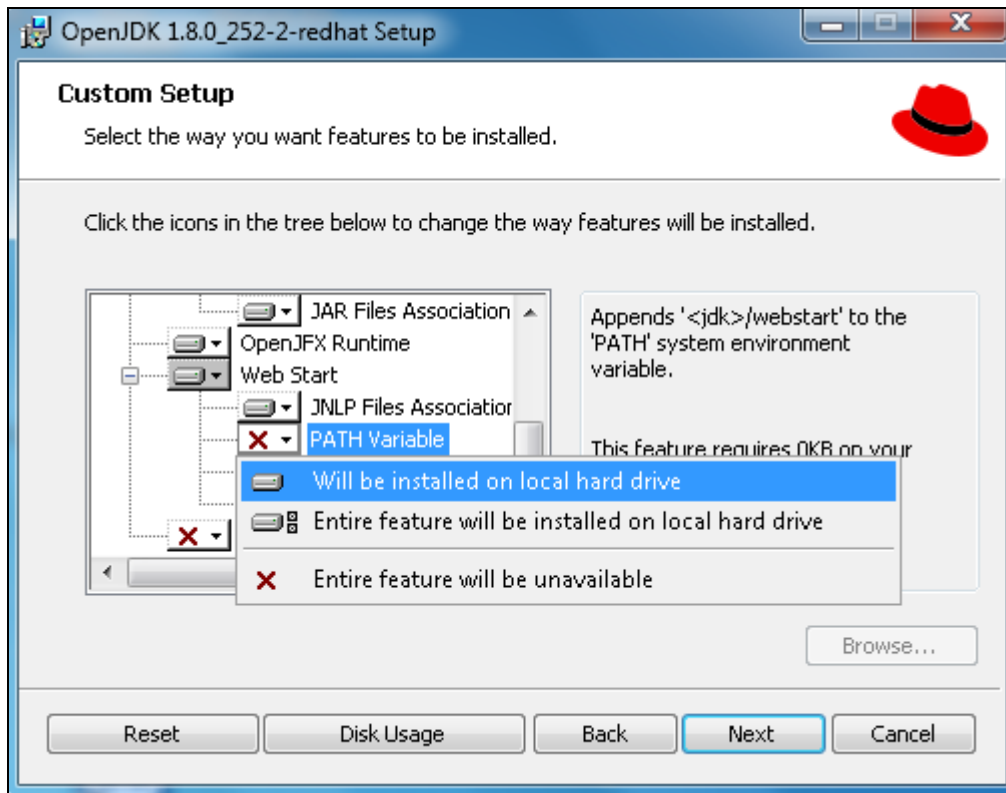
Step 14 : Click on '+' icon corresponding to 'Web Start' menu to open web start files.



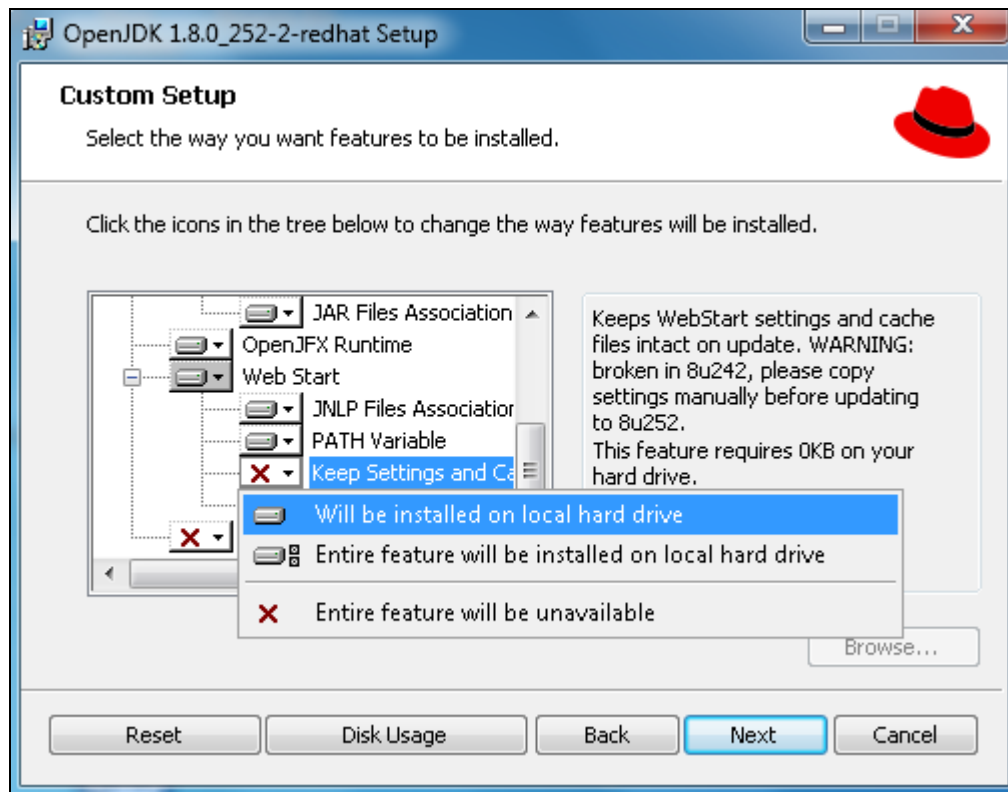
Step 15 : Click on 'JNLP Files Association' and select first option 'Will be installed on local hard drive' to allow to run JNLP files.



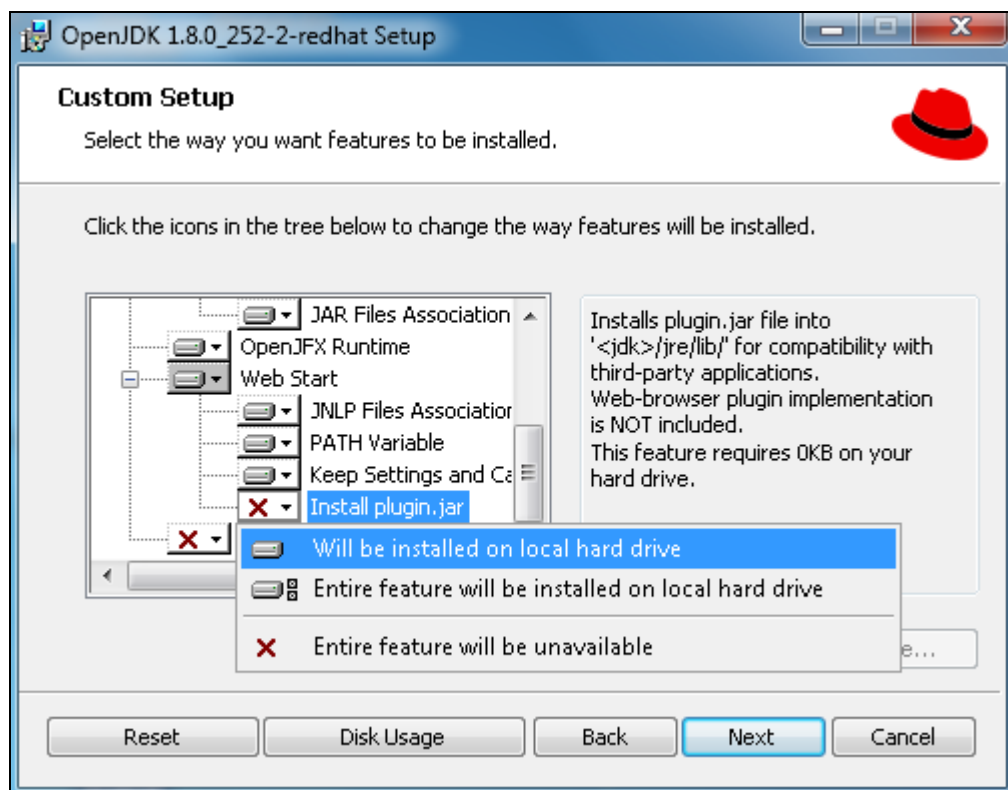
- Step 16 : Click on 'Path Variable' and select first option 'Will be installed on local hard drive' to set the PATH system environment variable.



- Step 17 : Click on 'Keep Settings and Cache' and select first option 'Will be installed on local hard drive'.

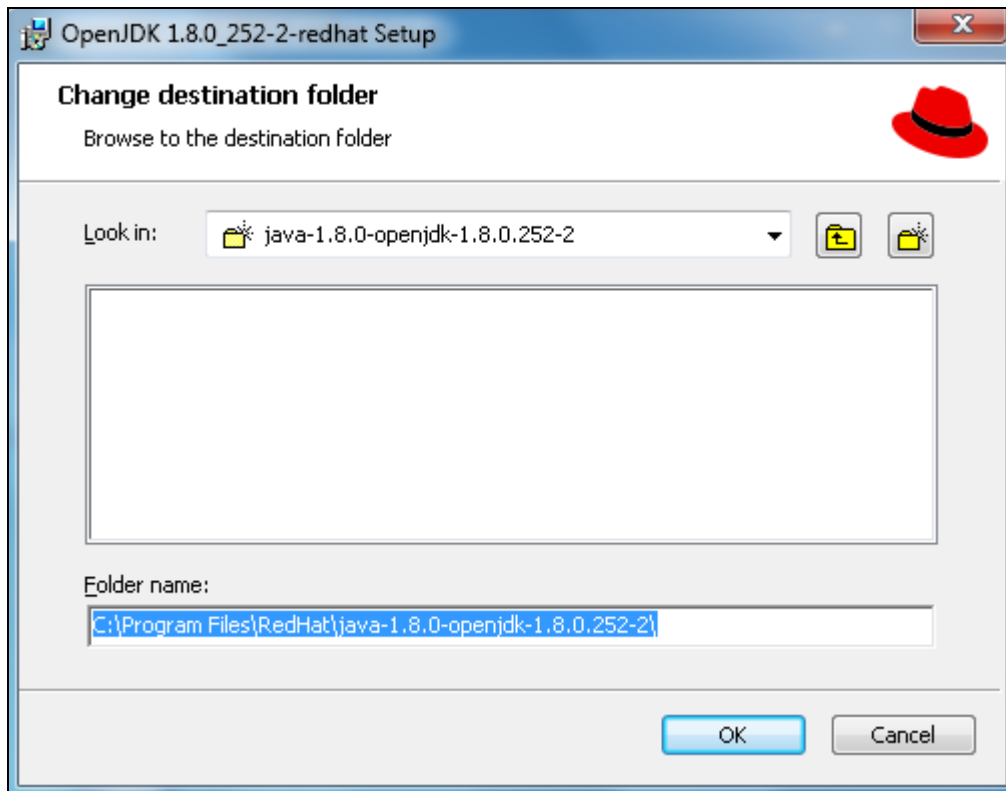


Step 18 : Click on 'Install plugin.jar' and select first option 'Will be installed on local hard drive' to install plugin.jar files.

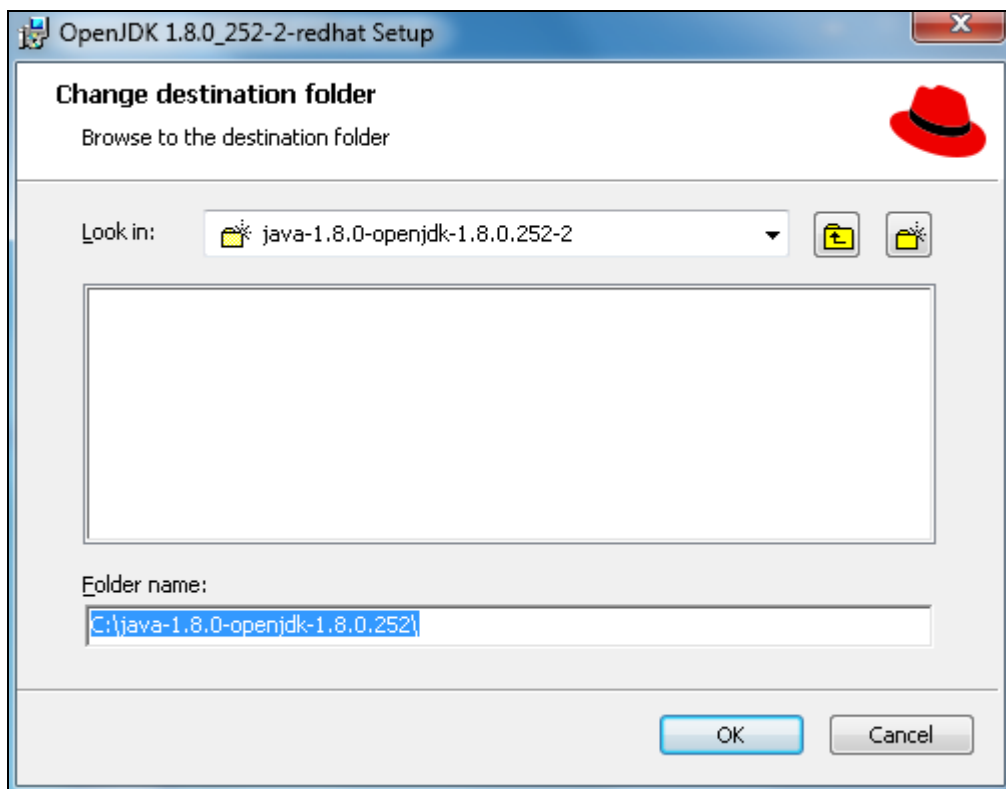


Click on "Next" button.

Step 19 : View the Change java destination folder screen.

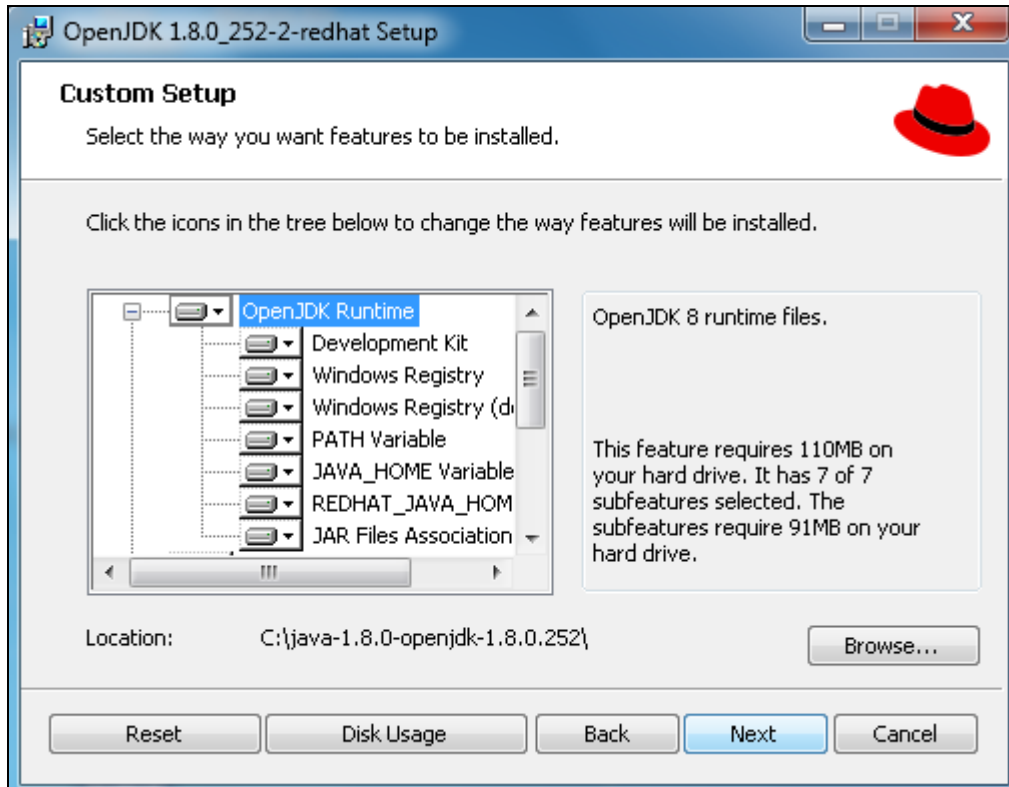


Step 20 : Change the java destination folder to 'C:\java-1.8.0-openjdk-1.8.0.252\'



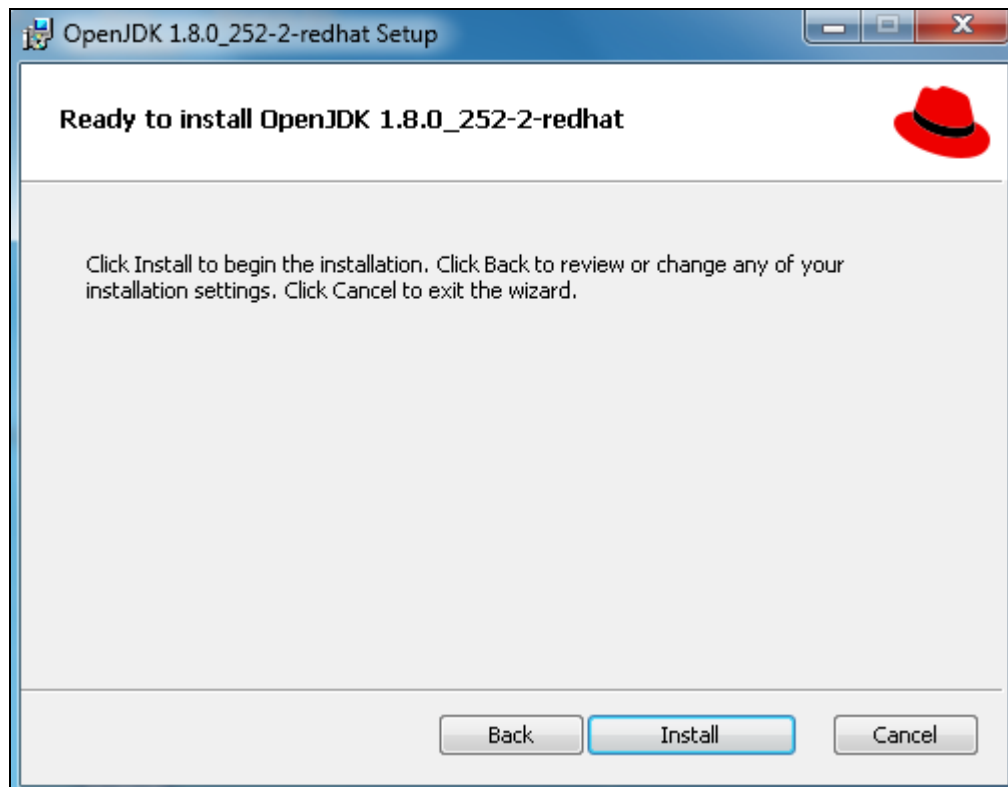
Click on “OK” button to continue.

Step 21 : View the changed java location in C drive.

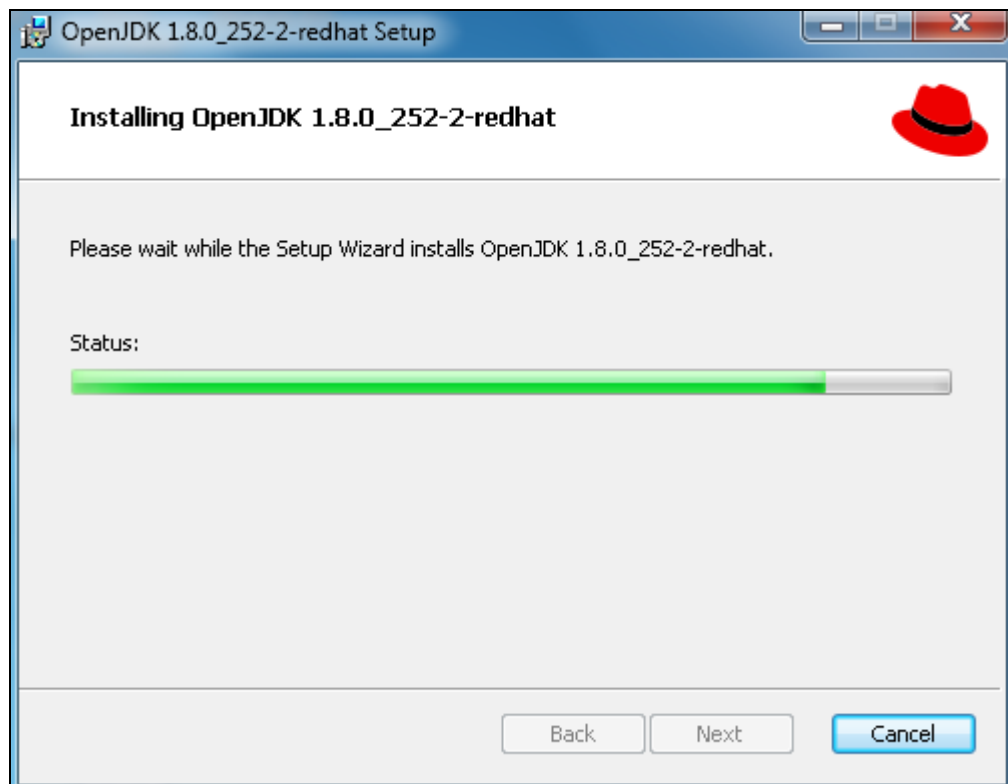


Click on “Next” button to continue.

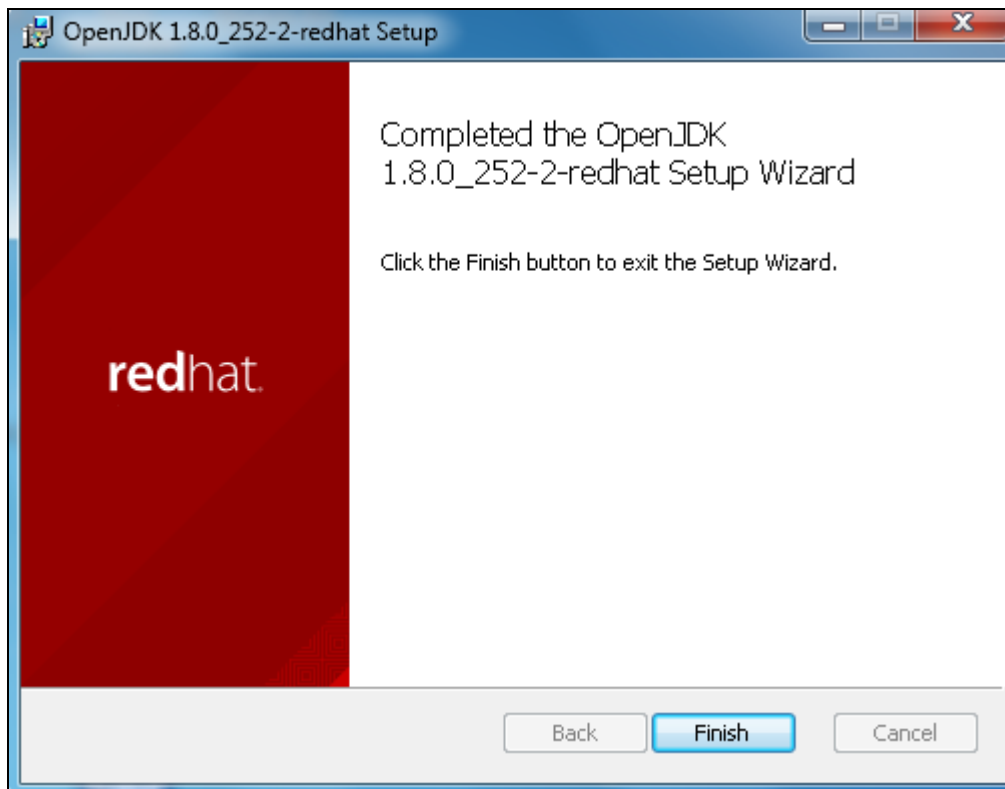
Step 22 : Click on “Install” button to begin the installation.



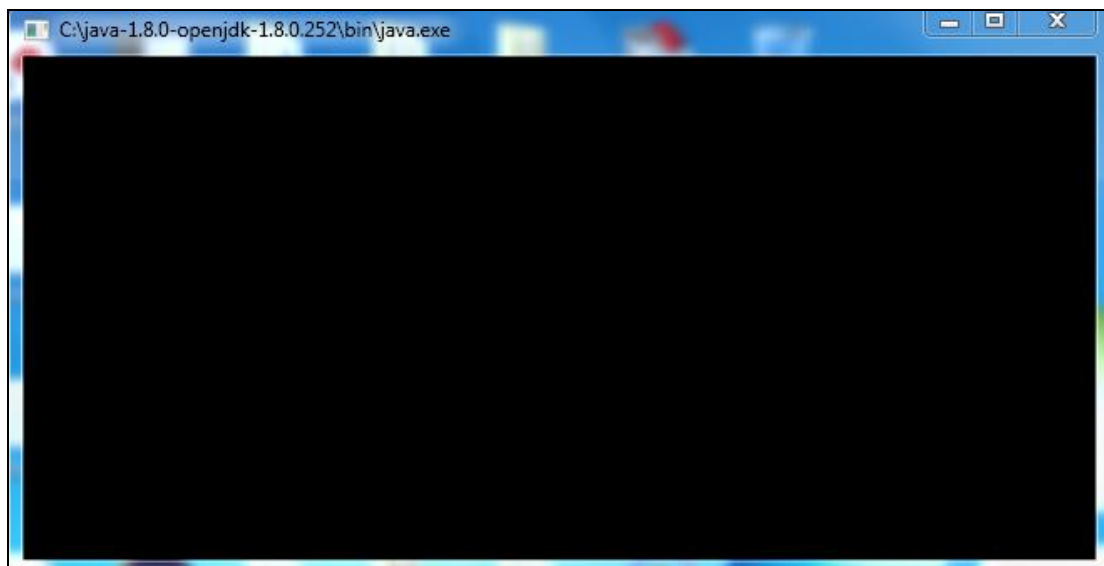
Step 23 : Installation process shall be initiated.



Step 24 : Once the installation process completed click on “Finish” button.



Step 25 : Next Command Prompt window shall be displayed.



Step 26 : Enter the following client details to create a client file.

ExpressTXR Invoice BIS B2CS Creator

KEY	VALUE
Seller_Gstin	29AABCI2764F000
Seller_LglNm	
Seller_Addr1	
Seller_Loc	
Seller_Pin	
Seller_Stcd	

File Name :

Step 27 : Enter the file name.

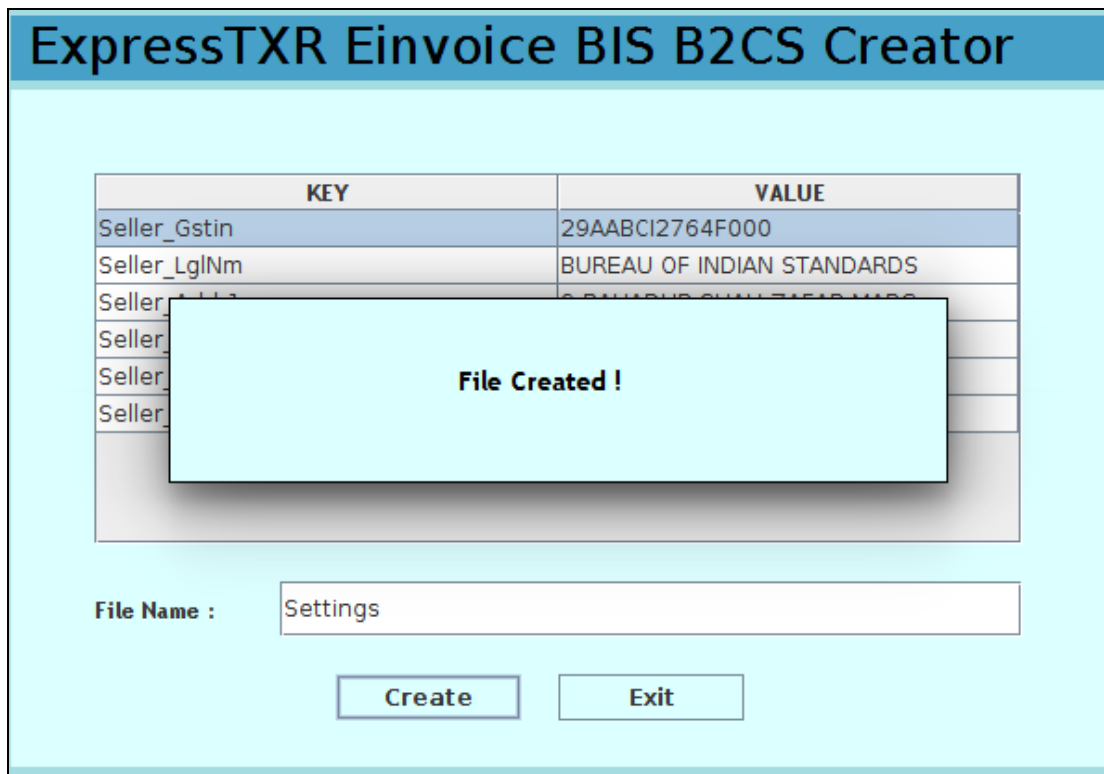
ExpressTXR Invoice BIS B2CS Creator

KEY	VALUE
Seller_Gstin	29AABCI2764F000
Seller_LglNm	BUREAU OF INDIAN STANDARDS
Seller_Addr1	9 BAHADUR SHAH ZAFAR MARG
Seller_Loc	NEW DELHI
Seller_Pin	560064
Seller_Stcd	29

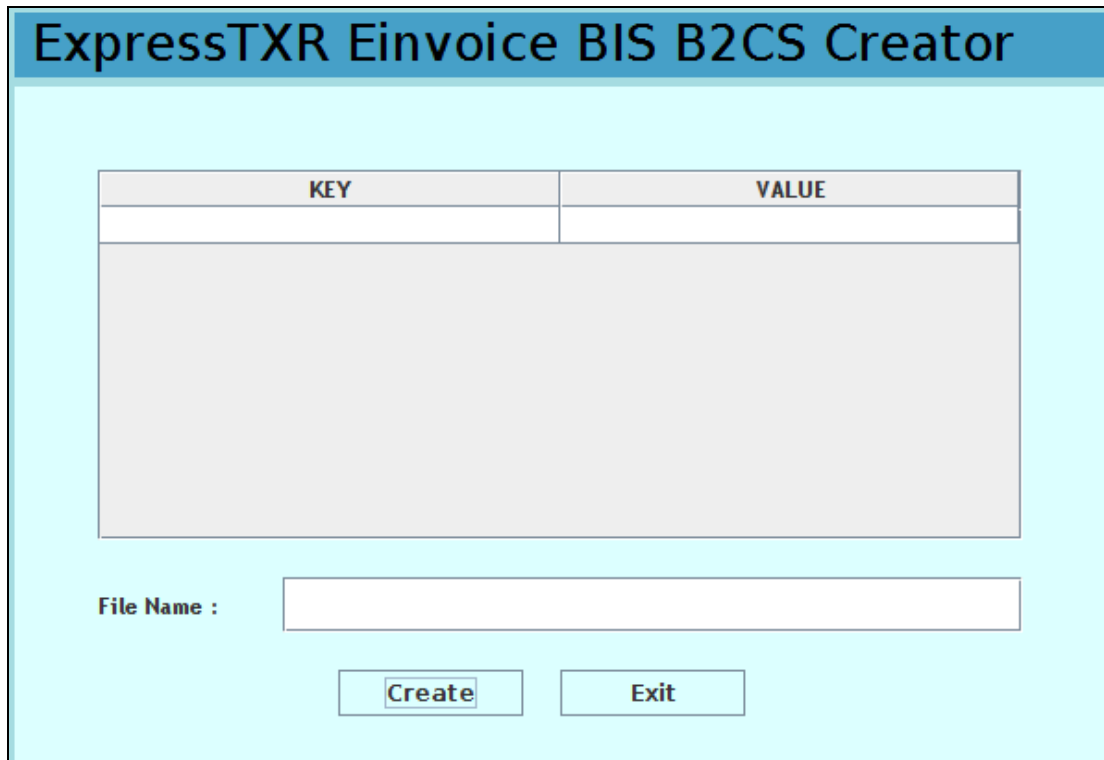
File Name :

Click on “Create” button.

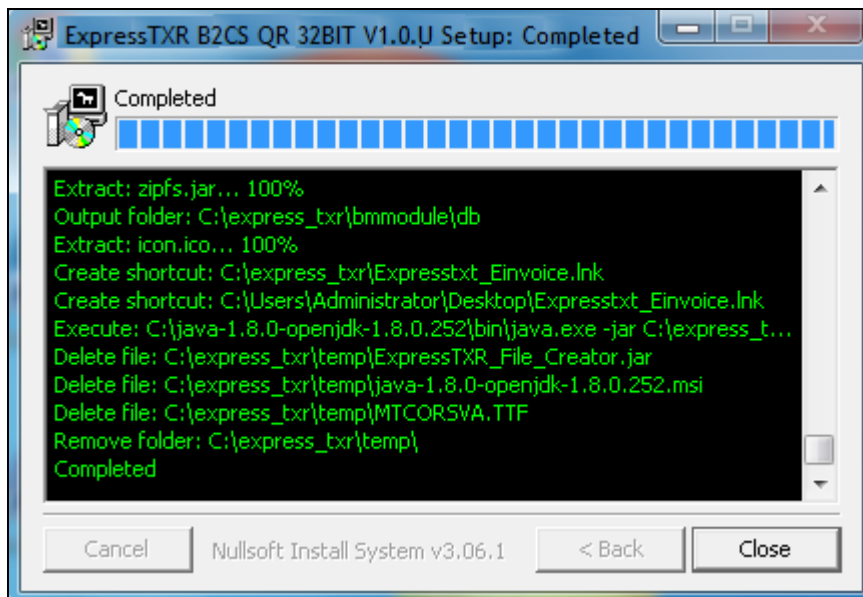
Step 28 : ‘File created’ message shall be displayed.



Step 29 : Click on "Exit" button.

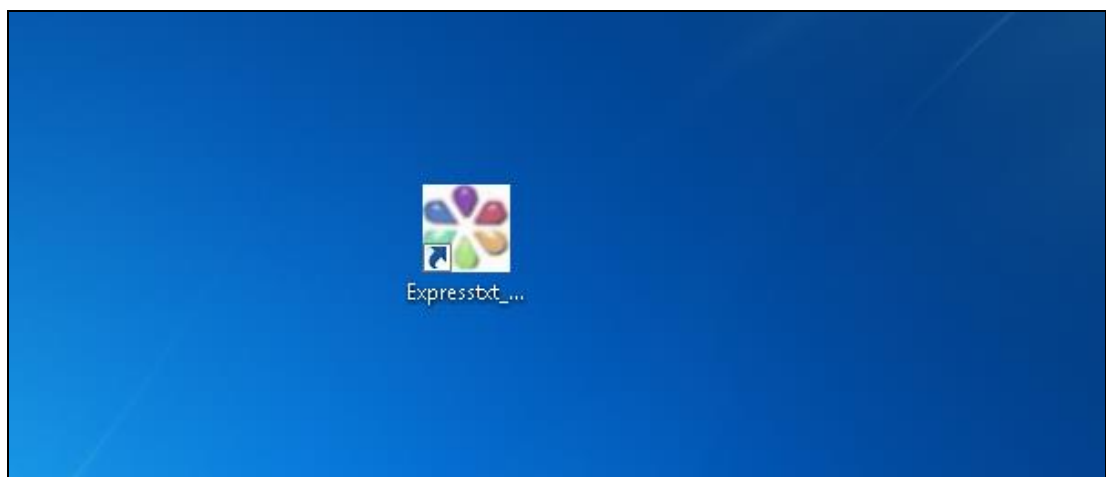


Step 30 : ExpressTXR B2CS QR 32bit V1.0.U Setup is complete.



Click on “Close” button.

Step 31 : A shortcut icon for B2CS utility shall be created in desktop.



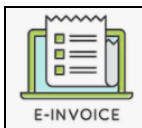
-----END OF THE DOCUMENT-----

Job Card - E-Invoicing Offline Utility For B2CS

This document consists step wise process of upload B2CS invoice data, QR Code generation, search reports and create / update settings.

1. Upload & QR Code Generation

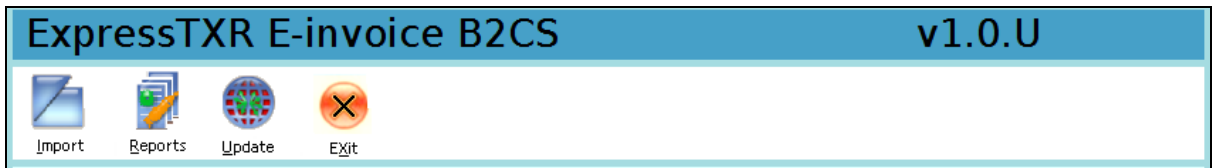
Step 1 : Click on E-Invoice Utility Icon available on desktop.



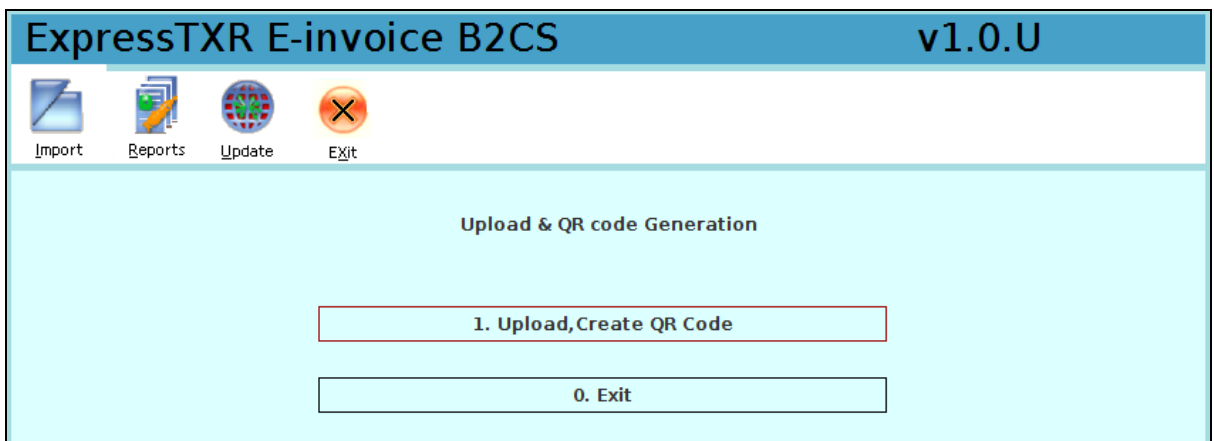
Note: This is a sample utility icon for the user understanding.

Step 2 : Application menu shall be displayed with following functionality.

1. Import
2. Reports
3. Update
4. Exit

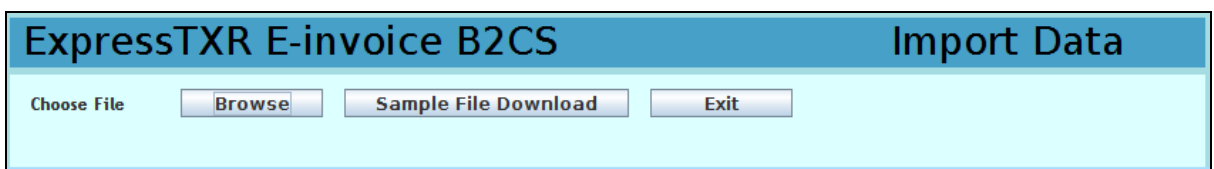


Step 3 : Click on “Import” menu icon. Following options shall be displayed as shown in below screen.



Step 4 : Click on “1.Upload, Create QR Code” option.

Step 5 : Following page shall be displayed. Click on “Browse” button to browses and upload a file.





Click on “Sample File Download” button to download the sample file in (xls / xlsx)

Click on “Exit” button to exit the module.

Step 6 : Search for the file to upload.

ExpresTXR E-invoice B2CS Import Data

Choose File

Look In: administrator

File Name:

Files of Type: Importable Files

Step 7 : Select the file to upload and click on “Import” button.

ExpresTXR E-invoice B2CS Import Data

Choose File

Look In: Sample Files

Sample_v4_B2CS_CGST.xlsx
Sample_v4_B2CS_CN.xls
Sample_v4_B2CS_IGST.xlsx







File Name: Sample_v4_B2CS_IGST.xlsx

Files of Type: All Files

Step 8 : View the imported file details.

A	B	C	D	E	F	G	H	I
Supplier_Type	Document_Type	Invoice_NO	Item_Seq_NO	Invoice_date	Financial_year	Ref_Invoice_NO	Ref_Invoice_date	Credit/Debit_note_Narratic
B2CS	INV	2029OB08B2C1083		1,26/07/2020	20-21	2029OB08B2CS0042	26/07/2020	BAKGLORE
B2CS	INV	2029OB08B2C1083		2,26/07/2020		2029OB08B2CS0042	26/07/2020	BAKGLORE



Reference	File Name	Attachment
File specification sheet B2CS	File_specification_v6	 File_specification_v6.xlsx 
Input File	Input_Sample_v4_B2CS_IGST	 Input_Sample_v4_B2CS_IGST.xlsx 
Output File	Output_Sample_v4_B2CS_IGST	 Output_Sample_v4_B2CS_IGST.xlsx 

Step 9 : In background service shall validate the file data and showcase the Status in the same excel file corresponding to each record.

Note: In case of error, user need to view the error details and correct the same in the excel data to reupload.


Step 10 : On successful validation, system shall generate QR Code.

AN	AO	AP	AQ	AR	AS	AT	AU	AV	AW	AX	AY	AZ	BA	BB
DESPA	DESPA	DELIVE	DESTIM	TERMS	COUNTRY		STATUS							
101	THROU	26/07/20	1	TERM1			Report Generated							
102	THROU	26/07/20	2	TERM2			Report Generated							

Note: Status shall be updated in the same excel uploaded earlier in "Status" column. In case of error, user need to view the error details and correct the same in the excel data to reupload.

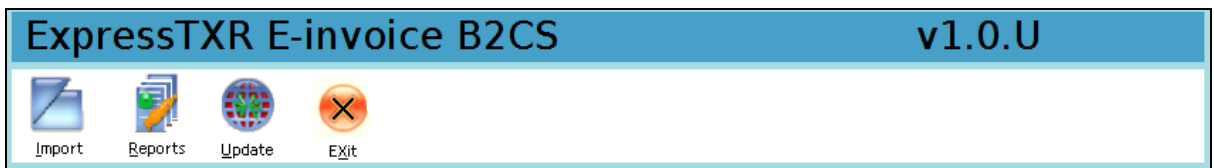
Step 11 : Invoice shall be generated with QR Code.



Tax Invoice						
BUREAU OF INDIAN STANDARDS(20-21) 9 BAHADUR SHAH ZAFAR MARG NEW DELHI 560064 GSTIN/UN : 29AABC12764F000 State Name: KARNATAKA ,Code: 29		Invoice No 2029OB08B2C1083	Dated 26/07/2020	Delivery Note DELIVERY_NOTE1		
Consignee MY BANK LIMITED H NO 1441 GAT NO 921 BANGLORE 623501 State Name: TAMIL NADU ,Code: 33		Supplier's Ref SUPPLIERS_REF1	Other Reference(s) OTHER1	Mode/Terms of Payment MODE1		
Buyer(if other than consignee) MY BANK LIMITED H NO 1441 GAT NO 921 BANGLORE 623501 State Name: TAMIL NADU ,Code: 33		Buyer's Order No 1	Dated 26/07/2020	Despatch Document No 101		
		Despatch Through THROUGH1	Destination 1	Terms Of Delivery TERM1		
SINo	Description Of Services	HSN/SAC	Quantity	Rate	Per	Amount
1	Description1	9971				100
2	OUTPUT IGST	9971				18
3	Description2	9971				100
4	OUTPUT IGST	9971				18
Total						236.00
Amount Chargable :						236.00
HSN/SAC	Taxable Value	Integrated Tax		Total Tax Amount		
		Rate	Amount			
9971	100	18		18		
9971	100	18		18		
Total				36.00	36.00	
Tax Amount :					36.00	
Declaration We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.		for BUREAU OF INDIAN STANDARDS(20-21) Authorised Signatory				
This is a Computer Generated Invoice						
						

2. Reports





Step 1 : Click on "Reports" menu icon.



Step 2 : To search a report click on "1.Search Report" option.



ExpressTXR E-invoice B2CS **v1.0.U**

Import Reports Update Exit

Reports


Step 3 : Enter the Invoice No and click on “Search” button.

ExpressTXR E-invoice B2CS **Search**

Invoice No.* :

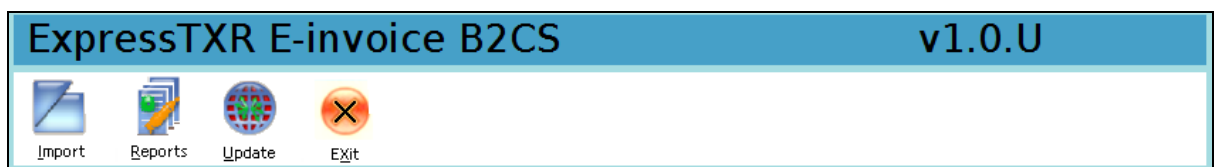
Step 4 : View the searched invoice.



Tax Invoice						
BUREAU OF INDIAN STANDARDS(20-21) 9 BAHADUR SHAH ZAFAR MARG NEW DELHI 560064 GSTIN/UIN : 29AABC12764F000 State Name: KARNATAKA ,Code: 29		Invoice No 20290808B2C1083	Dated 26/07/2020	Delivery Note DELIVERY_NOTE1		
Consignee MY BANK LIMITED H NO 1441 GAT NO 921 BANGLORE 623501 State Name: TAMIL NADU ,Code: 33		Supplier's Ref SUPPLIERS_REF1	Other Reference(s) OTHER1	Buyer's Order No 1		
Buyer(if other than consignee) MY BANK LIMITED H NO 1441 GAT NO 921 BANGLORE 623501 State Name: TAMIL NADU ,Code: 33		Despatch Document No 101	Delivery Note Date 26/07/2020	Despatch Through THROUGH1		
		Terms Of Delivery TERM1	Destination 1			
SINo	Description Of Services	HSN/SAC	Quantity	Rate	Per	Amount
1	Description1	9971				100
2	OUTPUT IGST	9971				18
3	Description2	9971				100
4	OUTPUT IGST	9971				18
Total						236.00
Amount Chargable :						236.00
HSN/SAC	Taxable Value	Integrated Tax		Total Tax Amount		
		Rate	Amount			
9971	100	18		18		
9971	100	18		18		
Total				36.00	36.00	
Tax Amount :					36.00	
Declaration We declare that this invoice shows the actual price of the goods described and that all particulars are true and correct.		for BUREAU OF INDIAN STANDARDS(20-21) Authorised Signatory				
This is a Computer Generated Invoice						
						

3. Update





Step 1 : Click on "Update" menu icon.



Step 2 : Click on "1. Create/Update - Settings" button.



ExpressTXR E-invoice B2CS **v1.0.U**

Import Reports Update Exit

Update/Create Settings

1. Create/Update - Settings

0. Exit

Step 3 : To create OR update, select the corresponding radio button.

ExpressTXR E-invoice B2CS **Settings**

Create Update

Seller Gstn : 29AABC12764F000

Seller LgNm : BUREAU OF INDIAN STANDARDS

Seller Address1 : 9 BAHADUR SHAH ZAFAR MARG

Seller Location : NEW DELHI

Seller Pin : 560064





Seller State Code : 29

Enter the details as mentioned in the above screen and click on “Update” button.

4. Exit

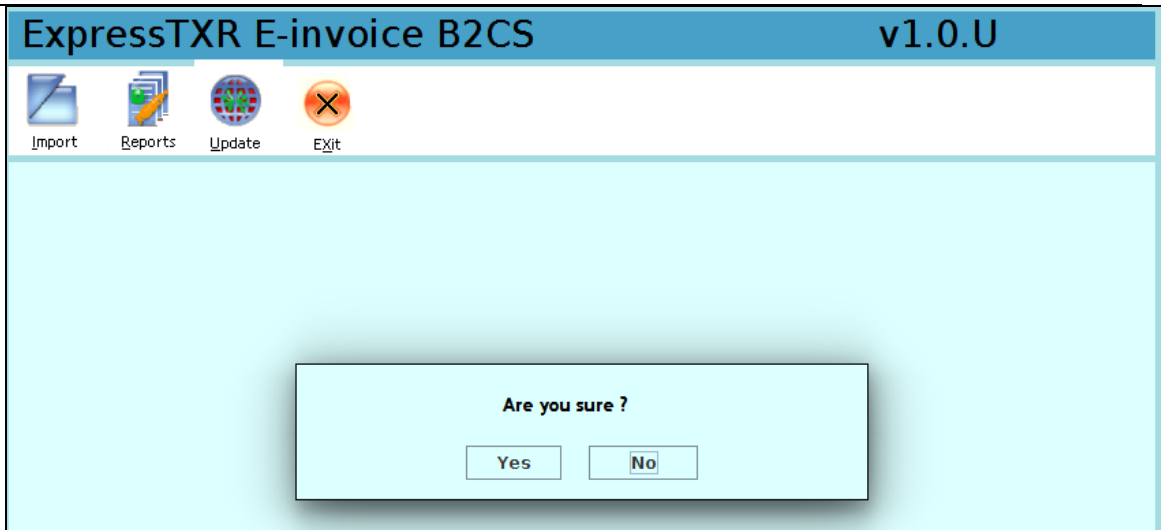
Step 1 : Click on “Exit” button to exit from the Utility.

ExpressTXR E-invoice B2CS **v1.0.U**

Import Reports Update Exit

Step 2 : A popup shall be displayed.



Click on “Yes” button to exit from the utility.

-----END OF THE DOCUMENT-----