



How to use the Tesseract API (to perform OCR) in your java code

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Hi there,

I have been working on a small app recently which reads an image and converts it into text using optical character recognition. I have been doing some research on the internet for APIs to do this and found this free OCR API – tesseract.

I tried to follow the instructions therein to use it in my java code and trust me guys it took me almost 3 hours to get my code functional. So, I decided to help out ppl with a similar interest (or similar problem) and I am posting this to help you out.

I have made a video of all these steps given below. (Please read the steps once to get a basic idea).

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Using tesseract ocr in your java code.

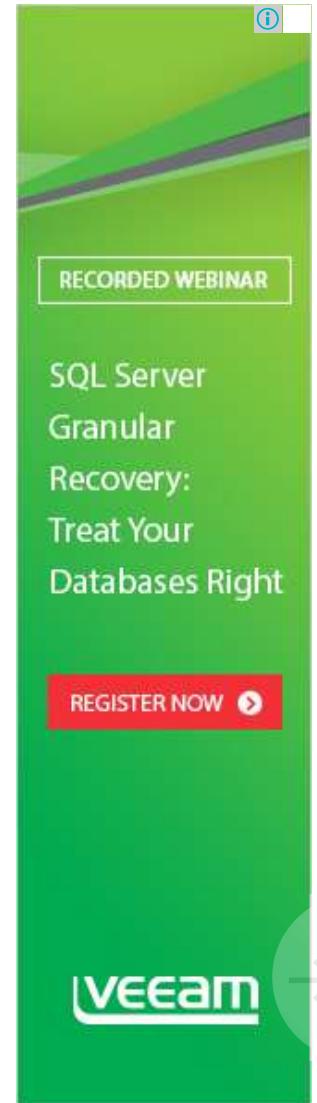
Shares



Raja Yogan

YouTube

1K



Step 1:

You will need a JNA wrapper to use tesseract in your java project. I've used tess4j for this. It can be downloaded from here <http://tess4j.sourceforge.net/>

Step 2:

Now extract the contents of the tess4j archive to your desktop or any other location.

Step 3:

Open netbeans and then click on open project → navigate to the place where you extracted the tess4j archive and then choose tess4j project. Now you should see the tess4j project in your projects tab as shown below.

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Step 4:

Now open a new Java project in your netbeans and type the below code.

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```

1 package <pkgname>;
2
3 import java.io.*;
4 import net.sourceforge.tess4j.*;
5
6 public class Main {
7     public static void main(String[] args) {
8         File imageFile = new File("<path of your image>");
9         Tesseract instance = Tesseract.getInstance(); //
10    }
11    try {
12
13        String result = instance.doOCR(imageFile);
14        System.out.println(result);
15    }
16    } catch (TesseractException e) {
17        System.err.println(e.getMessage());
18    }
19}
20

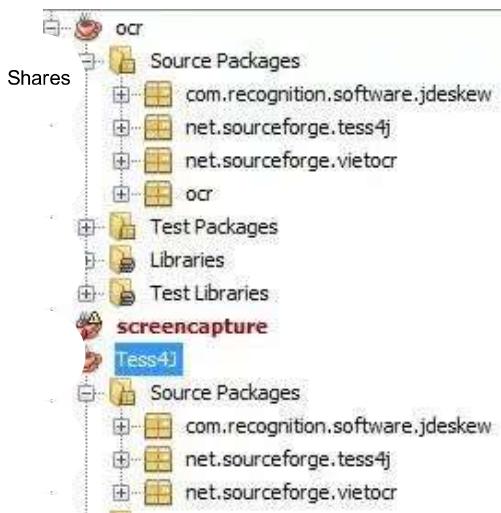
```

and save the file.

Step 5:

Now expand the tess4j project (click on the + sign before it) and expand source packages; inside you will find 3 packages. Copy all of

them into your project's source packages. It should now look like as shown below.



re ocr is the name of the project I created.

Step 6:

Now right click on libraries and choose add JAR\Folder as shown below:



Navigate to the location where you extracted the tess4j archive. Open the folder (Tess4j) and navigate to lib. There you will see 4 jar files. Choose all of them and click open. Your libraries folder should look like as shown below now.

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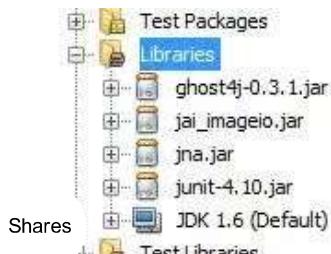


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Step 7:

...view... Almost there. Now you will find 2 dll files in the Tess4j folder (The folder which you extracted) namely liblept168.dll and libtesseract302.dll. Copy these two files into the ..sourceforge.tess4j package and it should now look like as shown below.



Thats it....!!! Run your code and it should display the text in your image in the output console window (usually present at the bottom if you use netbeans).

You could also write the text into a file or do other manipulations with the text obtained from the image.

If you are stuck inbetween or couldn't follow any step in this post feel free to drop a comment and I will help you out.. Peace.. 😊





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Was this post useful to you.

→

- Yep, Tried it and it worked fine.. :)
- I am stuck
- Admin, I spent 20 mins of my life trying as you said and nothing worked.

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Shares JANUARY 18, 2014

ADMIN

- *-heap car insurance quotes*
Would someone assist me with this?

admin

@Cheap car Insurance quotes: Yep..!! Which step are you stuck in..?

zziwa

Thanks a lot.

I am using eclipse

but I am having the following errors . help me please

Exception in thread “main” java.lang.NullPointerException
at gnu.cajo.Cajo.main(Cajo.java:343)



etanjali

Thanks for the detailed instructions, it worked for me!

For folks who are still struggling – I was getting the same error, the trick was I copied both the dll's in the /bin directory and issue got resolved.

- *Gilberto*

Guys, I followed all steps and it doesn't work. I'm getting the exception:

Exception in thread “main” java.lang.UnsatisfiedLinkError: %1 não é um aplicativo Win32 válido.

at com.sun.jna.Native.open(Native Method)
at com.sun.jna.Native.open(Native.java:1759)
at com.sun.jna.NativeLibrary.loadLibrary(NativeLibrary.java:260)
at com.sun.jna.NativeLibrary.getInstance(NativeLibrary.java:398)



```
at com.sun.jna.Library$Handler.(Library.java:147)
at com.sun.jna.Native.loadLibrary(Native.java:412)
at com.sun.jna.Native.loadLibrary(Native.java:391)
  ↗t net.sourceforge.tess4j.TessAPI.(TessAPI.java:38)
Shares  net.sourceforge.tess4j.Tesseract.init(Tesseract.java:286)
  ↗ net.sourceforge.tess4j.Tesseract.doOCR(Tesseract.java:222)
    ↗net.sourceforge.tess4j.Tesseract.doOCR(Tesseract.java:173)
    ↗net.sourceforge.tess4j.Tesseract.doOCR(Tesseract.java:158)
  ↗javaapplication.JavaApplication.main(JavaApplication.java:19)
  ↗va Result: 1
```

chetan

I keep getting this error as well, can someone please tell me how to solve this?

madip

found same error:
Exception in thread "main" java.lang.UnsatisfiedLinkError: %1

uld some one please help??

nish

un I get any jar so that it can support other language like Hindi Chines

- *haythem*

Hey

if u have a problem

u have to install jdk1.8 32bit and add it in netbeans

thnx u

- *chester*

Exception in thread "main" java.lang.UnsupportedClassVersionError:

Bad version number in .class file

at java.lang.ClassLoader.defineClass1(Native Method)

at java.lang.ClassLoader.defineClass(Unknown Source)

```
at java.security.SecureClassLoader.defineClass(Unknown Source)
at java.net.URLClassLoader.defineClass(Unknown Source)
at java.net.URLClassLoader.access$100(Unknown Source)
  ↗ at java.net.URLClassLoader$1.run(Unknown Source)
Shares ,ava.security.AccessController.doPrivileged(Native Method)
  ↗ java.net.URLClassLoader.findClass(Unknown Source)
    ↗ java.lang.ClassLoader.loadClass(Unknown Source)
    ↗ sun.misc.Launcher$AppClassLoader.loadClass(Unknown Source)
    ↗ java.lang.ClassLoader.loadClass(Unknown Source)
    ↗ java.lang.ClassLoader.loadClassInternal(Unknown Source)
  ↗ .java.lang.ClassLoader.defineClass1(Native Method)
  ↗ .java.lang.ClassLoader.defineClass(Unknown Source)
  ↗ ..java.security.SecureClassLoader.defineClass(Unknown Source)
    ↗ `ava.net.URLClassLoader.defineClass(Unknown Source)
  ↗ .java.net.URLClassLoader.access$100(Unknown Source)
    ↗ `ava.net.URLClassLoader$1.run(Unknown Source)
  ↗ `+ java.security.AccessController.doPrivileged(Native Method)
    ↗ `java.net.URLClassLoader.findClass(Unknown Source)
  ↗ `+ java.lang.ClassLoader.loadClass(Unknown Source)
    ↗ sun.misc.Launcher$AppClassLoader.loadClass(Unknown Source)
    ↗ java.lang.ClassLoader.loadClass(Unknown Source)
    ↗ java.lang.ClassLoader.loadClassInternal(Unknown Source)
  ↗ ..java.lang.ClassLoader.loadClassInternal(Unknown Source)
    ↗ net.sourceforge.tess4j.Tesseract.init(Unknown Source)
  ↗ .net.sourceforge.tess4j.Tesseract.doOCR(Unknown Source)
    ↗ `net.sourceforge.tess4j.Tesseract.doOCR(Unknown Source)
  ↗ ..net.sourceforge.tess4j.Tesseract.doOCR(Unknown Source)
at com.testocr.TessTrial.main(TessTrial.java:19)
```



- *a kasse priser*

Create pieces. Keep posting such kind of information on your page.

I'm really impressed by it.

Hey there, You have done a great job. I'll certainly digg it and in my opinion suggest to my friends.

I am sure they'll be benefited from this web site.

- *Divya*

Hi,



I'm implementing it in Web application, but has some error

java.lang.IllegalStateException: Input not set

at

com.sun.imageio.plugins.jpeg.JPEGImageReader.getNumImages(JPEGImageReader.java:357)

Shares

m.pumex.FRACTS.DataEntry.dao.ImageIOHelper.getIIOImageList(ImageIOHelper.java:298)

m.pumex.FRACTS.DataEntry.dao.Tesseract.doOCR(Tesseract.java:172)

m.pumex.FRACTS.DataEntry.dao.Tesseract.doOCR(Tesseract.java:157)

m.pumex.FRACTS.DataEntry.controller.DEController.getDataEntryCrop(DEController.java:106)

sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)

sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:39)

sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:25)

vya

Please help, I want to know how the dll works in Java Web application.

satisfiedLinkError occur

ajinkya

hi i got same error..

have you solve it...?????



- abc

Exception in thread “main” java.lang.Error: Invalid memory access

at com.sun.jna.Native.invokePointer(Native Method)

at com.sun.jna.Function.invokePointer(Function.java:470)

at com.sun.jna.Function.invoke(Function.java:404)

at com.sun.jna.Function.invoke(Function.java:315)

at com.sun.jna.Library\$Handler.invoke(Library.java:212)

at com.sun.proxy.\$Proxy0.TessBaseAPIGetUTF8Text(Unknown Source)

at net.sourceforge.tess4j.Tesseract.getOCRTText(Tesseract.java:336)

at net.sourceforge.tess4j.Tesseract.doOCR(Tesseract.java:232)

at net.sourceforge.tess4j.Tesseract.doOCR(Tesseract.java:173)



at net.sourceforge.tess4j.Tesseract.doOCR(Tesseract.java:158)

at com.ocr.Main.main(Main.java:15)

- *kevin*

Shares ✓ 18, 2014 10:38:07 PM net.sourceforge.tess4j.Tesseract doOCR

^VERE: Input not set

a.lang.IllegalStateException: Input not set

m.sun.imageio.plugins.jpeg.JPEGImageReader.getNumImagesOnThread(JPEGImageReader.java:396)

m.sun.imageio.plugins.jpeg.JPEGImageReader.getNumImages(JPEGImageReader.java:384)

net.sourceforge.vietocr.ImageIOHelper.getIIOImageList(ImageIOHelper.java:298)

net.sourceforge.tess4j.Tesseract.doOCR(Tesseract.java:176)

at net.sourceforge.tess4j.Tesseract.doOCR(Tesseract.java:160)

ocrtest.OCRTTest.main(OCRTTest.java:15)

a.lang.IllegalStateException: Input not set

^JILD SUCCESSFUL (total time: 0 seconds)

ck

allo,

ave tried to install it on my PC with Eclipse and I have the following

rror:

ception in thread “main” java.lang.UnsatisfiedLinkError: %1 n'est pas

une application Win32 valide

I tried a lot of different solutions but I cannot succeed. Could you help

me? Thank you



- *admin*

Sure Jack.. Could you please let me know which version of eclipse
you tried to install..?

- *POOJA*

I am getting this error. Can u please help me to resolve this error ???

Exception in thread “main” java.lang.UnsatisfiedLinkError: Unable to
load library ‘libtesseract302’: Native library (win32-x86-
64/libtesseract302.dll) not found in resource path



```
([file:/C:/Users/POOJA/Desktop/Tess4J/lib/ghost4j-0.5.1.jar,
file:/C:/Users/POOJA/Desktop/Tess4J/lib/jai_imageio.jar,
file:/C:/Users/POOJA/Desktop/Tess4J/lib/jna-4.1.0.jar,
file:/C:/Users/POOJA/Desktop/Tess4J/lib/junit-4.10.jar,
Shares ./C:/Users/POOJA/Desktop/Tess4J/lib/log4j-1.2.17.jar,
^e:/C:/Users/POOJA/Desktop/JavaApplication3/build/classes/])
com.sun.jna.NativeLibrary.loadLibrary(NativeLibrary.java:271)
com.sun.jna.NativeLibrary.getInstance(NativeLibrary.java:398)
com.sun.jna.Library$Handler.(Library.java:147)
com.sun.jna.Native.loadLibrary(Native.java:412)
com.sun.jna.Native.loadLibrary(Native.java:391)
net.sourceforge.tess4j.TessAPI.(TessAPI.java:38)
net.sourceforge.tess4j.Tesseract.init(Tesseract.java:278)
net.sourceforge.tess4j.Tesseract.doOCR(Tesseract.java:214)
at net.sourceforge.tess4j.Tesseract.doOCR(Tesseract.java:165)
net.sourceforge.tess4j.Tesseract.doOCR(Tesseract.java:150)
at javaapplication3.JavaApplication3.main(JavaApplication3.java:27)
/a Result: 1
```

Shubhangi Shinde

U have add library file of tess4j. It will get on SourceForge.net

Shubhangi Shinde

Also copy the libtesseract302.dll ,liblpt168.dll file in your project.



• *singel*

can you reexplain it again... i don't know where i messed up 😞

• *dinesh*

Hi admin.

When i running this project, i got the error

java.lang.UnsatisfiedLinkError: Unable to load library 'libtesseract302'

So i tried the same in 32 bit system.

there i go tthis below error.

"IIOException: JFIF APP0 must be first marker after SOI"

Kindly advise to fix the issue.



- *varma*

is it work fr other o/s except windows?

- *~unil*

Shares *w* to run it on eclipse can any one tell me the steps???

idly wxplain me from creating new project step

~nil

~nil.s581@wipro.com

rayan Choudhary

Very nice tutorialthank you so much,.....please give me code

a crop and retrieve text from a particular rectangle...

Please reply me fast.....

thanxxx...

- *~nil*

Admin,

Thank you very much Dude you did a splendid work.



I want use my own trained tessdata file inside the code. Can you pls tell

that how to use tessdata folder inside the code?

- *admin*

Sir, I don't understand what you meant by trained tessdata file.

Could you please elaborate? (You could drop me a mail and I would be glad to help you)

- *admin*

Hi Everyone,

I am really sorry for taking so much time to respond to your queries. I could see that a lot of ppl are trying this up with eclipse. I will soon post the same. Thank you.

- *Reshu*

Hi,



I tried your steps but I got error which was showing that it needed some libtesseract.so file which was not in my system and my system is 64 bit. When I googled it this is showing system's bit size problem. How can I get this libtesseract.so file and how can I use this?

Shares

- *rathi*

I'm getting this exception. pls help me. thanku.

```
t.sourceforge.tess4j.Tesseract doOCR
```

```
_VERE: No input source set!
```

```
java.lang.IllegalStateException: No input source set!
```

```
n.sun.imageio.plugins.png.PNGImageReader.getNumImages(PNGImageReader.java:1318)
```

↳

```
..sourceforge.vietocr.ImageIOHelper.getIIOImageList(ImageIOHelper.java:297)
```

↑ net.sourceforge.tess4j.Tesseract.doOCR(Tesseract.java:165)

```
net.sourceforge.tess4j.Tesseract.doOCR(Tesseract.java:150)
```

↑ ocr.Main.main(Main.java:21)

an exception

rathi →

works.. the only thing is.... it accepts only thesee image formats..

.m, .pbm, .pgm, .jp2

- *Kaspar Riesen*

Thank you for this nice tutorial. I tried to follow the steps on my 64Bit Mac and Eclipse. Yet, I get the following error message when I try to run the sample program:

Exception in thread “main” java.lang.UnsatisfiedLinkError: Unable to load library ‘tesseract’: Native library (darwin/libtesseract.dylib) not found in resource path

Any idea how to fix this?

Rgds



- *shantanu*

I am getting following error Can anybody help?

SEVERE: Error looking up function ‘gsapi_new_instance’: The specified procedure could not be found.

Shares

- *irher*

IG! You saved me sooooo much time! Thank you for this entry, thank u!

Bimla Madhavee

Can you please help me with the above program? Although I worked according to the above steps I get a runtime error which is Exception in thread “main” java.lang.UnsatisfiedLinkError: The specified module could not be found.

```
at com.sun.jna.Native.open(Native Method)
at com.sun.jna.NativeLibrary.loadLibrary(NativeLibrary.java:263)
at com.sun.jna.NativeLibrary.getInstance(NativeLibrary.java:403)
at com.sun.jna.Library$Handler.(Library.java:147)
at com.sun.jna.Native.loadLibrary(Native.java:502)
at com.sun.jna.Native.loadLibrary(Native.java:481)
at
net.sourceforge.tess4j.util.LoadLibs.getTessAPIInstance(Unknown Source)
at net.sourceforge.tess4j.TessAPI.(Unknown Source)
at net.sourceforge.tess4j.Tesseract.init(Unknown Source)
at net.sourceforge.tess4j.Tesseract.doOCR(Unknown Source)
at net.sourceforge.tess4j.Tesseract.doOCR(Unknown Source)
at net.sourceforge.tess4j.Tesseract.doOCR(Unknown Source)
at
tesseractexample.TesseractExample.main(TesseractExample.java:22)
Java Result: 1
I don't know how to correct it. Thank you in advance
```



- *Matheus*

Hello, i tried using your tutorial with NetBeans and got stuck with “Exception in thread “main” java.lang.UnsatisfiedLinkError: Unable to load library ‘libtesseract302’ ” it seems that this problem is caused by



the usage of 32 bits dll in a 64bits jvm. However i can't pass this. I also tried using the 64 bits of the dlls but nothing worked

- *~ourav*

Shares getting the following error on following the above steps –

or opening data file ./tessdata/eng.traineddata

Please make sure the TESSDATA_PREFIX environment variable is set to the parent directory of your "tessdata" directory.

Failed loading language 'eng'

Tesseract couldn't load any languages!

- *...uminati*

Get this error..

```
Exception in thread "main" java.lang.UnsatisfiedLinkError: Unable to
load library 'libtesseract302': Native library (win32-x86-
'libtesseract302.dll) not found in resource path
[file:/C:/Users/VARUN/Documents/NetBeansProjects/Tess4J/lib/ghost4j-
..1.jar,
.:/C:/Users/VARUN/Documents/NetBeansProjects/Tess4J/lib/jai_imageio.jar,
.:/C:/Users/VARUN/Documents/NetBeansProjects/Tess4J/lib/jna-
..0.jar,
.:/C:/Users/VARUN/Documents/NetBeansProjects/Tess4J/lib/junit-
0.jar,
.:/C:/Users/VARUN/Documents/NetBeansProjects/Tess4J/lib/log4j-
1.2.17.jar,
file:/C:/Users/VARUN/Documents/NetBeansProjects/ocr_reader/build/classes/])
at com.sun.jna.NativeLibrary.loadLibrary(NativeLibrary.java:271)
at com.sun.jna.NativeLibrary.getInstance(NativeLibrary.java:398)
at com.sun.jna.Library$Handler.(Library.java:147)
at com.sun.jna.Native.loadLibrary(Native.java:412)
at com.sun.jna.Native.loadLibrary(Native.java:391)
at net.sourceforge.tess4j.TessAPI.(TessAPI.java:38)
at net.sourceforge.tess4j.Tesseract.init(Tesseract.java:278)
at net.sourceforge.tess4j.Tesseract.doOCR(Tesseract.java:214)
at net.sourceforge.tess4j.Tesseract.doOCR(Tesseract.java:165)
at net.sourceforge.tess4j.Tesseract.doOCR(Tesseract.java:150)
at ocr.Main.main(Main.java:13)
```



Java Result: 1

BUILD SUCCESSFUL (total time: 0 seconds)

- 'natty

```
Shares exception in thread "main" java.lang.UnsatisfiedLinkError: Unable to
load library 'libtesseract302': Native library (win32-
j/libtesseract302.dll) not found in resource path
file:/C:/Tess4J/lib/commons-io-2.4.jar, file:/C:/Tess4J/lib/ghost4j-
1.1.jar, file:/C:/Tess4J/lib/jai_imageio.jar, file:/C:/Tess4J/lib/jna-
1.0.jar, file:/C:/Tess4J/lib/junit-4.10.jar, file:/C:/Tess4J/lib/log4j-
2.17.jar, file:/C:/Tess4J/build/classes/,
::/C:/Users/admin/Documents/NetBeansProjects/TesseractExample/build/classes/[])
```

```
at com.sun.jna.NativeLibrary.loadLibrary(NativeLibrary.java:271)
at com.sun.jna.NativeLibrary.getInstance(NativeLibrary.java:398)
at com.sun.jna.Library$Handler.(Library.java:147)
at com.sun.jna.Native.loadLibrary(Native.java:412)
at com.sun.jna.Native.loadLibrary(Native.java:391)
```

```
at net.sourceforge.tess4j.util.LoadLibs.getTessAPIInstance(LoadLibs.java:78)
at net.sourceforge.tess4j.TessAPI.(TessAPI.java:33)
at net.sourceforge.tess4j.Tesseract.init(Tesseract.java:303)
at net.sourceforge.tess4j.Tesseract.doOCR(Tesseract.java:239)
at net.sourceforge.tess4j.Tesseract.doOCR(Tesseract.java:188)
at net.sourceforge.tess4j.Tesseract.doOCR(Tesseract.java:172)
at tesseractexample.TesseractExample.main(TesseractExample.java:23)
```



- Yaz

Error :SEVERE: Couldn't seek!

javax.imageio.IIOException: Couldn't seek!

at

com.sun.media.imageioimpl.plugins.tiff.TIFFImageReader.locateImage(TIFFImageReader.java:256)

at

com.sun.media.imageioimpl.plugins.tiff.TIFFImageReader.getNumImages(TIFFImageReader.java:279)

at

net.sourceforge.vietocr.ImageIOHelper.getIIOImageList(ImageIOHelper.java:331)

at net.sourceforge.tess4j.Tesseract.doOCR(Tesseract.java:188)

at net.sourceforge.tess4j.Tesseract.doOCR(Tesseract.java:172)

at Test.main(Test.java:11)

Caused by: java.io.EOFException



```

at javax.imageio.stream.ImageInputStreamImpl.readShort(Unknown
Source)
at
java.imageio.stream.ImageInputStreamImpl.readUnsignedShort(Unknown
Shares urce)
+
.n.sun.media.imageioimpl.plugins.tiff.TIFFImageReader.locateImage(TIFFImageReader.java:243)

```

I am using Eclipse Kepler

Please tell me a solution

YPC

Thanks admin,

I hope to create a community of research and pattern recognition or OCR

Thank you very much!!!

```

Exception in thread "main" java.lang.ExceptionInInitializerError
  net.sourceforge.tess4j.Tesseract.init(Tesseract.java:303)
  net.sourceforge.tess4j.Tesseract.doOCR(Tesseract.java:239)
  net.sourceforge.tess4j.Tesseract.doOCR(Tesseract.java:188)
  net.sourceforge.tess4j.Tesseract.doOCR(Tesseract.java:172)
  ocr.Main.main(Main.java:14)
Caused by: java.lang.RuntimeException: Uncompilable source code -
package net.sourceforge.tess4j.util does not exist
at net.sourceforge.tess4j.TessAPI.(TessAPI.java:22)
... 5 more
Java Result: 1

```

- *hemraj kumawat*

When doing OCR for multiple language in the same file where to put tessdata input for multiple languages ?

- *Parth Anjaria*

Exception in thread "main" java.lang.UnsatisfiedLinkError: Unable to load library 'libtesseract302': Native library (win32-x86-64/libtesseract302.dll) not found in resource path

```

([file:/F:/ocr/Tess4J/lib/ghost4j-0.5.1.jar,
file:/F:/ocr/Tess4J/lib/jai_imageio.jar, file:/F:/ocr/Tess4J/lib/jna-
4.1.0.jar, file:/F:/ocr/Tess4J/lib/junit-4.10.jar,
file:/F:/ocr/Tess4J/lib/commons-io-2.4.jar,
Shares :/F:/null/ocr/build/classes/])

+ com.sun.jna.NativeLibrary.loadLibrary(NativeLibrary.java:271)
com.sun.jna.NativeLibrary.getInstance(NativeLibrary.java:398)
com.sun.jna.Library$Handler.(Library.java:147)
com.sun.jna.Native.loadLibrary(Native.java:412)
com.sun.jna.Native.loadLibrary(Native.java:391)

- .sourceforge.tess4j.util.LoadLibs.getTessAPIInstance(LoadLibs.java:78)
.. net.sourceforge.tess4j.TessAPI.(TessAPI.java:33)
  net.sourceforge.tess4j.Tesseract.init(Tesseract.java:303)
- net.sourceforge.tess4j.Tesseract.doOCR(Tesseract.java:239)
  net.sourceforge.tess4j.Tesseract.doOCR(Tesseract.java:188)
-+ net.sourceforge.tess4j.Tesseract.doOCR(Tesseract.java:172)
  ocr.Main.main(Main.java:24)

```

in getting this error..
 nt find any solution to it. please help me admin.
 eed to give the project asap



Jurth Anjaria

I'm getting the following error, please reply asap, i need it in my project:

Exception in thread “main” java.lang.UnsatisfiedLinkError: The specified module could not be found.

```

at com.sun.jna.Native.open(Native Method)
at com.sun.jna.Native.open(Native.java:1759)
at com.sun.jna.NativeLibrary.loadLibrary(NativeLibrary.java:260)
at com.sun.jna.NativeLibrary.getInstance(NativeLibrary.java:398)
at com.sun.jna.Library$Handler.(Library.java:147)
at com.sun.jna.Native.loadLibrary(Native.java:412)
at com.sun.jna.Native.loadLibrary(Native.java:391)
at net.sourceforge.tess4j.util.LoadLibs.getTessAPIInstance(Unknown
Source)
at net.sourceforge.tess4j.TessAPI.(Unknown Source)

```



```

at net.sourceforge.tess4j.Tesseract.init(Unknown Source)
at net.sourceforge.tess4j.Tesseract.doOCR(Unknown Source)
at net.sourceforge.tess4j.Tesseract.doOCR(Unknown Source)
  ↗ at net.sourceforge.tess4j.Tesseract.doOCR(Unknown Source)
Shares :ess4j.TesseractExample.main(TesseractExample.java:27)
'ava Result: 1
ILD SUCCESSFUL (total time: 8 seconds)

```

Parth Anjaria

dude can u help me im getting the same error

The Muhaxhiri

tried in mac OS X but w/o luck. After going through your step I have
s error:

un:

20, 2015 7:11:05 PM net.sourceforge.tess4j.Tesseract doOCR
EVERE: Input not set
a.lang.IllegalStateException: Input not set

m.sun.imageio.plugins.jpeg.JPEGImageReader.getNumImagesOnThread(JPEGImageReader.java:401)

m.sun.imageio.plugins.jpeg.JPEGImageReader.getNumImages(JPEGImageReader.java:389)

st.sourceforge.vietocr.ImageIOHelper.getIOImageList(ImageIOHelper.java:331)
net.sourceforge.tess4j.Tesseract.doOCR(Tesseract.java:188)
net.sourceforge.tess4j.Tesseract.doOCR(Tesseract.java:172)
at testtess4j.TestTess4J.main(TestTess4J.java:25)



java.lang.IllegalStateException: Input not set

BUILD SUCCESSFUL (total time: 2 seconds)

- Overseas

I have done setup on my linux machine can you please help me out

alternatives for dll cause im getting error as

Exception in thread “main” java.lang.UnsatisfiedLinkError: Unable to
load library ‘tesseract’:

- jose



Hola, estoy intentando seguir sus pasos pero tengo problemas
(Exception in thread “main” java.lang.UnsatisfiedLinkError: Unable to
load library ‘libtesseract303’: Native library (win32-x86-
~4/libtesseract303.dll) not found in resource path). Trabajo con
Shares tbeans. ¿podría enviarme el proyecto ejemplo?

acias.

ddiemaize

ception in thread “main” java.lang.UnsatisfiedLinkError: The
specified module could not be found.

or those who get the above exception,

try downloading and installing Visual C++ Redistributable Packages for
Visual Studio 2013

<http://www.microsoft.com/en-au/download/details.aspx?id=40784>

ddieMaize

ception in thread “main” java.lang.UnsatisfiedLinkError: The
specified module could not be found.

above exception install “Visual C++ Redistributable Packages for
Visual Studio 2013”

<http://www.microsoft.com/de-ch/download/details.aspx?id=40784>

■ Horst

Thanks, this solved for me !

• Shivank Goel

```
at com.sun.jna.Native.loadLibrary(Native.java:391)
at
net.sourceforge.tess4j.util.LoadLibs.getTessAPIInstance(LoadLibs.java:78)
at net.sourceforge.tess4j.TessAPI.(TessAPI.java:40)
at net.sourceforge.tess4j.Tesseract.init(Tesseract.java:360)
at net.sourceforge.tess4j.Tesseract.doOCR(Tesseract.java:273)
at net.sourceforge.tess4j.Tesseract.doOCR(Tesseract.java:205)
```



```
at net.sourceforge.tess4j.Tesseract.doOCR(Tesseract.java:189)
at tess4j.example.TesseractExample.main(TesseractExample.java:22)
```

Java Result: 1

Shares vank Goel

'n:

```
Exception in thread "main" java.lang.UnsatisfiedLinkError: Unable to
load library 'libtesseract303': Native library (win32-x86-
/libtesseract303.dll) not found in resource path
file:/C:/Users/shivank/Desktop/Tess4J/lib/jai_imageio.jar,
file:/C:/Users/shivank/Desktop/Tess4J/lib/jna.jar,
file:/C:/Users/shivank/Desktop/Tess4J/build/classes/,
file:/C:/Users/shivank/Desktop/Tess4J/lib/commons-beanutils-1.9.1.jar,
file:/C:/Users/shivank/Desktop/Tess4J/lib/commons-io-2.4.jar,
file:/C:/Users/shivank/Desktop/Tess4J/lib/commons-logging-1.1.3.jar,
file:/C:/Users/shivank/Desktop/Tess4J/lib/ghost4j-0.5.1.jar,
file:/C:/Users/shivank/Desktop/Tess4J/lib/itext-2.1.7.jar,
file:/C:/Users/shivank/Desktop/Tess4J/lib/junit-4.10.jar,
file:/C:/Users/shivank/Desktop/Tess4J/lib/log4j-1.2.17.jar,
file:/C:/Users/shivank/Desktop/Tess4J/lib/xmlgraphics-commons-
5.jar,
file:/C:/Users/shivank/Documents/NetBeansProjects/TesseractExample/build/classes/])
com.sun.jna.NativeLibrary.loadLibrary(NativeLibrary.java:271) →
com.sun.jna.NativeLibrary.getInstance(NativeLibrary.java:398)
com.sun.jna.Library$Handler.(Library.java:147)
com.sun.jna.Native.loadLibrary(Native.java:412)
at com.sun.jna.Native.loadLibrary(Native.java:391)
at
net.sourceforge.tess4j.util.LoadLibs.getTessAPIInstance(LoadLibs.java:78)
at net.sourceforge.tess4j.TessAPI.(TessAPI.java:40)
at net.sourceforge.tess4j.Tesseract.init(Tesseract.java:360)
at net.sourceforge.tess4j.Tesseract.doOCR(Tesseract.java:273)
at net.sourceforge.tess4j.Tesseract.doOCR(Tesseract.java:205)
at net.sourceforge.tess4j.Tesseract.doOCR(Tesseract.java:189)
at tess4j.example.TesseractExample.main(TesseractExample.java:22)
```

Java Result: 1

BUILD SUCCESSFUL (total time: 0 seconds)

- Bahar



Admin,

I am running NetBeans in Linux, But in Step 7 I don't have , and if I run my code I get this error :

"Unsupported image format. May need to install JAI Image I/O
Shares package."

VERE: Unsupported image format. May need to install JAI Image I/O
ckage.

[ps://java.net/projects/jai-imageio/](http://java.net/projects/jai-imageio/)

va.lang.RuntimeException: Unsupported image format. May need to
stall JAI Image I/O package.

[ps://java.net/projects/jai-imageio/](http://java.net/projects/jai-imageio/)

```
..sourceforge.tess4j.util.ImageIOHelper.getIIOImageList(ImageIOHelper.java:330)
at net.sourceforge.tess4j.Tesseract.doOCR(Tesseract.java:205)
at net.sourceforge.tess4j.Tesseract.doOCR(Tesseract.java:189)
at tesstest.TessTest.main(TessTest.java:20)
```

va.lang.RuntimeException: Unsupported image format. May need to
tall JAI Image I/O package.

[tp://java.net/projects/jai-imageio/](http://java.net/projects/jai-imageio/)

uld be great if you help me.



ikya badwe

.ll everyone... i am solving " unsatisfied link error " and
"libtesseract302.dll not found error" sucessfully

I mention following steps so please follow that steps to implement
tess4j in eclipse ...

1) first remove the spaces between workspacese..
ie:- workspace should not be ="c:/ Document and setting/.. blal..lal.
workspace should be ="c:/DocumentandSetting/....etc.

2) create new project and add
a) tess4j .jar
b) common io.jar,



c) jai_imageio.jar

and jna.jar file add these 4 jar in build path ...

Follow these steps to add jar in eclipse build path .

Shares right click on project ,

^ go to properties .

go in java build path

click on libraries tab

click on add external jar button and add these 4 JAR.

, create demo class and add following code in that class

```

public static void main(String[] args) {
    File imageFile = new File("D:/workspace/Tess4jDemo/eurotext.tif");
    Tesseract instance = Tesseract.getInstance(); // JNA Interface Mapping
    instance.setDatapath("data");
    instance.setLanguage("eng");
    Tesseract1 instance1 = new Tesseract1(); // JNA Direct Mapping
    File tessDataFolder = LoadLibs.extractTessResources("tessdata"); //
    even build bundles English data
    instance.setDatapath(tessDataFolder.getAbsolutePath());
}

```

```

    }
    String result = instance.doOCR(imageFile);
    System.out.println(result);
} catch (TesseractException e) {
    System.err.println(e.getMessage());
}

}

```

4) create data and lib folder in project.

5) in that data folder add tessdata folder . that download from [here](#)
unzip the folder and copy tessdata folder and paste it in data folder.

6) then create lib folder add 32 bit dll in that folder. ie

a) gsdll32.dll



- b)liblept168.dll
- c)libtesseract302.dll

7) and run the program . u will get output sucessfully.

Shares

thank you.

*pralhad yes are
i want your help...*

- o *Ajinkya Badwe*
yes

kumar

hi ajinkya

I have tried same but getting below error,please helpASAP

Exception in thread “main” java.lang.NoClassDefFoundError:
org/slf4j/bridge/SLF4JBridgeHandler
at net.sourceforge.tess4j.util.LoggerConfig.loadConfig(Unknown
Source)
at net.sourceforge.tess4j.util.LoggHelper.toString(Unknown Source)
at net.sourceforge.tess4j.Tesseract.(Unknown Source)
at Demo.main(Demo.java:11)
Caused by: java.lang.ClassNotFoundException:
org.slf4j.bridge.SLF4JBridgeHandler
at java.net.URLClassLoader.findClass(Unknown Source)
at java.lang.ClassLoader.loadClass(Unknown Source)
at sun.misc.Launcher\$AppClassLoader.loadClass(Unknown Source)
at java.lang.ClassLoader.loadClass(Unknown Source)
... 4 more



- *Nishant*

@admin,

Thanks for the detailed steps

Were you able to write down the steps for eclipse as well?

If yes please share the url for the same

Thanks,

Nishant



- *Bilal*

Exception in thread “main” java.lang.UnsatisfiedLinkError: Unable to load library ‘libtesseract303’: Native library (win32-x86-
-4/libtesseract303.dll) not found in resource path
Shares le:/C:/Users/OWNER/Downloads/Bilal/Tess4J/lib/ghost4j-0.5.1.jar,
`e:/C:/Users/OWNER/Downloads/Bilal/Tess4J/lib/jna.jar,
::/C:/Users/OWNER/Downloads/Bilal/Tess4J/lib/junit-4.10.jar,
`e:/C:/javacv-bin/javacv.jar,
::/C:/Users/OWNER/Downloads/Bilal/Tess4J/lib/commons-beanutils-
.1.jar, file:/C:/Users/OWNER/Downloads/Bilal/Tess4J/lib/commons-
-2.4.jar,
::/C:/Users/OWNER/Downloads/Bilal/Tess4J/lib/jai_imageio.jar,
..e:/C:/Users/OWNER/Documents/NetBeansProjects/OCR/build/classes/])
com.sun.jna.NativeLibrary.loadLibrary(NativeLibrary.java:271)
` com.sun.jna.NativeLibrary.getInstance(NativeLibrary.java:398)
com.sun.jna.Native.register(Native.java:1396)
`+ com.sun.jna.Native.register(Native.java:1156)
net.sourceforge.tess4j.TessAPI1.(TessAPI1.java:39)
` ocr.OCR.main(OCR.java:23)
va Result: 1
`ILD SUCCESSFUL (total time: 1 second)



rsad Madge

I'm getting the following error

Exception in thread “main” java.lang.Error: Unresolved compilation
problems:

The constructor File() is undefined

Syntax error on tokens, delete these tokens

at Main.main(Main.java:8)

this is the Main class

```
import java.io.*;
import java.io.File;
import net.sourceforge.tess4j.*;
```

```
public class Main {
public static void main(String[] args) {
```



```
File imageFile = new
File("C:/Users/pm831457/Desktop/Screenshot/a1.png");
Tesseract instance = new Tesseract()//
```

Shares {

```
    ing result = instance.doOCR(imageFile);
    stem.out.println(result);
```

```
    catch (TesseractException e) {
        stem.err.println(e.getMessage());
```

iteek varpe

or ‘Exception in thread “main” java.lang.UnsatisfiedLinkError: ‘

Go to ‘<http://tess4j.sourceforge.net/usage.html>’ click on -“Visual C++

distributed for VS2012 ” download it and run

U_4\vcredist_x64.exe or VSU_4\vcredist_x84.exe depending upon
ur system configuration)

put your dll files inside lib folder along with your libraries (ex

\win32-x86\your dll files)

essdata folder is imp one so kept it along with src ,lib folders

w it will work .

thank you



- *pooja*

i have downloaded tesseract 3.02 ...which other files do i have to
download ? i am doing a project based on OCR

- *Shiva Krishna Yadav*

did u complete ur ocr project? Please let me know some more about
ur project.

- *jaswant*

@Muhammad Junaid Khan please check you dll path.



And also you need to get two more dlls

msvcr120.dll

msvcp120.dll

Shares *ivindu Luke*

solved “Exception in thread “main” java.lang.UnsatisfiedLinkError:

unable to load library ‘libtesseract302’: Native library (win32-

‘6/libtesseract302.dll’” in Eclipse.

copy the folder win32-x86 folder or win32-x86-64 folder which is inside

‘lib’ and paste on src of your project

rida El Kerdany

, thanks a lot for your effort....but i'm still waiting for the eclipse

version 😊

admin

Hello,

Thanks. I am working on a ANN based character recog system in javascript. Will let you know once done.

o *meir*

Hi,



Do you know why I am getting this warning?

java.lang.UnsatisfiedLinkError: The specified module could not be found.

at com.sun.jna.Native.open(Native Method)

at

com.sun.jna.NativeLibrary.loadLibrary(NativeLibrary.java:263)

at

com.sun.jna.NativeLibrary.getInstance(NativeLibrary.java:403)

at com.sun.jna.Library\$Handler.(Library.java:147)



at com.sun.jna.Native.loadLibrary(Native.java:502)

at com.sun.jna.Native.loadLibrary(Native.java:481)

Shares at Tess4j.Tessaracttest.(Tessaracttest.java:33)

Exception in thread “main” Java Result: 1

mar

Exception in thread “main” java.lang.UnsatisfiedLinkError: Unable to
load library ‘libtesseract304’: Native library (win32-x86-
‘libtesseract304.dll) not found in resource path

file:/D:/NetbeansProjectsPunitha/failed/lib/commons-beanutils-
.2.jar, file:/D:/NetbeansProjectsPunitha/failed/lib/commons-io-
.4.jar, file:/D:/NetbeansProjectsPunitha/failed/lib/commons-logging-
.jar, file:/D:/NetbeansProjectsPunitha/failed/lib/ghost4j-1.0.0.jar,
file:/D:/NetbeansProjectsPunitha/failed/lib/hamcrest-core-1.3.jar,
file:/D:/NetbeansProjectsPunitha/failed/lib/itext-2.1.7.jar,
file:/D:/NetbeansProjectsPunitha/failed/lib/jai_imageio.jar,
file:/D:/NetbeansProjectsPunitha/failed/lib/jna.jar,
file:/D:/NetbeansProjectsPunitha/failed/lib/jul-to-slf4j-1.7.13.jar,
file:/D:/NetbeansProjectsPunitha/failed/lib/junit-4.12.jar,
file:/D:/NetbeansProjectsPunitha/failed/lib/lept4j-1.0.1.jar,
file:/D:/NetbeansProjectsPunitha/failed/lib/log4j-1.2.17.jar,
file:/D:/NetbeansProjectsPunitha/failed/lib/logback-classic-1.1.3.jar,
file:/D:/NetbeansProjectsPunitha/failed/lib/logback-core-1.1.3.jar,
file:/D:/NetbeansProjectsPunitha/failed/lib/rococoa-core-0.5.jar,
file:/D:/NetbeansProjectsPunitha/failed/lib/slf4j-api-1.7.13.jar,
file:/D:/NetbeansProjectsPunitha/failed/lib/xmlgraphics-commons-
1.5.jar, file:/D:/NetbeansProjectsPunitha/failed/build/classes/])
at com.sun.jna.NativeLibrary.loadLibrary(NativeLibrary.java:277)
at com.sun.jna.NativeLibrary.getInstance(NativeLibrary.java:403)
at com.sun.jna.Library\$Handler.(Library.java:147)
at com.sun.jna.Native.loadLibrary(Native.java:502)
at com.sun.jna.Native.loadLibrary(Native.java:481)
at
net.sourceforge.tess4j.util.LoadLibs.getTessAPIInstance(LoadLibs.java:77)
at net.sourceforge.tess4j.TessAPI.(TessAPI.java:42)
at net.sourceforge.tess4j.Tesseract.init(Tesseract.java:367)



```
at net.sourceforge.tess4j.Tesseract.doOCR(Tesseract.java:280)
at net.sourceforge.tess4j.Tesseract.doOCR(Tesseract.java:212)
at net.sourceforge.tess4j.Tesseract.doOCR(Tesseract.java:196)
at failed.Failed.main(Failed.java:32)
```

Shares /a Result: 1

```
^JILD SUCCESSFUL (total time: 5 seconds)
```

Now to solve this

Please help me.....

Daniyar

Can someone help me!? I tried to use it on netbeans then I have errors like that:

```
Exception in thread "main" java.lang.UnsatisfiedLinkError: Unable to
load library 'libtesseract304': Native library (win32-x86-
'libtesseract304.dll) not found in resource path
[file:/C:/Users/Daniyar/Desktop/Tess4J-3.0-src/Tess4J/lib/commons-
anutils-1.9.2.jar, file:/C:/Users/Daniyar/Desktop/Tess4J-3.0-
/Tess4J/lib/commons-io-2.4.jar,
[C:/Users/Daniyar/Desktop/Tess4J-3.0-src/Tess4J/lib/commons-
logging-1.2.jar, file:/C:/Users/Daniyar/Desktop/Tess4J-3.0-
/C:/Tess4J/lib/ghost4j-1.0.0.jar, file:/C:/Users/Daniyar/Desktop/Tess4J-
-src/Tess4J/lib/hamcrest-core-1.3.jar,
...[file:/C:/Users/Daniyar/Desktop/Tess4J-3.0-src/Tess4J/lib/itext-2.1.7.jar,
file:/C:/Users/Daniyar/Desktop/Tess4J-3.0-
src/Tess4J/lib/jai_imageio.jar, file:/C:/Users/Daniyar/Desktop/Tess4J-
3.0-src/Tess4J/lib/jna.jar, file:/C:/Users/Daniyar/Desktop/Tess4J-3.0-
src/Tess4J/lib/jul-to-slf4j-1.7.13.jar,
file:/C:/Users/Daniyar/Desktop/Tess4J-3.0-src/Tess4J/lib/junit-4.12.jar,
file:/C:/Users/Daniyar/Desktop/Tess4J-3.0-src/Tess4J/lib/lept4j-
1.0.1.jar, file:/C:/Users/Daniyar/Desktop/Tess4J-3.0-
src/Tess4J/lib/log4j-1.2.17.jar, file:/C:/Users/Daniyar/Desktop/Tess4J-
3.0-src/Tess4J/lib/logback-classic-1.1.3.jar,
file:/C:/Users/Daniyar/Desktop/Tess4J-3.0-src/Tess4J/lib/logback-core-
1.1.3.jar, file:/C:/Users/Daniyar/Desktop/Tess4J-3.0-
src/Tess4J/lib/rococoa-core-0.5.jar,
file:/C:/Users/Daniyar/Desktop/Tess4J-3.0-src/Tess4J/lib/slf4j-api-
```



```

1.7.13.jar, file:/C:/Users/Daniyar/Desktop/Tess4J-3.0-
src/Tess4J/lib/xmlgraphics-commons-1.5.jar,
file:/C:/Users/Daniyar/Desktop/Tess4J-3.0-src/Tess4J/build/classes/,
file:/C:/Users/Daniyar/Documents/NetBeansProjects/JavaApplication7/build/classes/[])
Shares com.sun.jna.NativeLibrary.loadLibrary(NativeLibrary.java:277)
+ com.sun.jna.NativeLibrary.getInstance(NativeLibrary.java:403)
com.sun.jna.Library$Handler.(Library.java:147)
com.sun.jna.Native.loadLibrary(Native.java:502)
com.sun.jna.Native.loadLibrary(Native.java:481)

at sourceforge.tess4j.util.LoadLibs.getTessAPIInstance(LoadLibs.java:77)
net.sourceforge.tess4j.TessAPI.(TessAPI.java:42)
at net.sourceforge.tess4j.Tesseract.init(Tesseract.java:367)
net.sourceforge.tess4j.Tesseract.doOCR(Tesseract.java:280)
at net.sourceforge.tess4j.Tesseract.doOCR(Tesseract.java:212)
net.sourceforge.tess4j.Tesseract.doOCR(Tesseract.java:196)
at javaapplication7.Main.main(Main.java:20)
/a Result: 1

```

el

I tried but I get this error message :

`'a.lang.IllegalStateException: Input not set`



ukthika Vasa

I am getting this warning whenever i run the project.Can you please help me out to solve it asap.it's very urgent..

Exception in thread “main” java.lang.UnsatisfiedLinkError: The specified module could not be found.

at com.sun.jna.Native.open(Native Method)

at com.sun.jna.NativeLibrary.loadLibrary(NativeLibrary.java:263)

at com.sun.jna.NativeLibrary.getInstance(NativeLibrary.java:403)

at com.sun.jna.Library\$Handler.(Library.java:147)



```
at com.sun.jna.Native.loadLibrary(Native.java:502)

at com.sun.jna.Native.loadLibrary(Native.java:481)

Shares net.sourceforge.tess4j.util.LoadLibs.getTessAPIInstance(Unknown
^source)

net.sourceforge.tess4j.TessAPI.(Unknown Source)

net.sourceforge.tess4j.Tesseract.init(Unknown Source)

net.sourceforge.tess4j.Tesseract.doOCR(Unknown Source)

net.sourceforge.tess4j.Tesseract.doOCR(Unknown Source)

net.sourceforge.tess4j.Tesseract.doOCR(Unknown Source)

:tess4j.example.Tesseracttest.main(Tesseracttest.java:27)

via Result: 1

BUILD SUCCESSFUL (total time: 0 seconds)
```



Ajinkya Badwe

please insert tess4j path in project.. see my last comment below.

- *radhikadevi muthyala*

I am getting this warning whenever i run the project.Can you please help me out to solve it asap.it's very urgent.

java.lang.UnsatisfiedLinkError: The specified module could not be found.

at com.sun.jna.Native.open(Native Method)

at com.sun.jna.NativeLibrary.loadLibrary(NativeLibrary.java:263)

at com.sun.jna.NativeLibrary.getInstance(NativeLibrary.java:403)



```
at com.sun.jna.Library$Handler.(Library.java:147)

at com.sun.jna.Native.loadLibrary(Native.java:502)

Shares com.sun.jna.Native.loadLibrary(Native.java:481)

Tess4j.Tesseracttest.(Tesseracttest.java:33)

Exception in thread "main" Java Result: 1
```

admin

The unsatisfied link error usually occurs when there is a mismatch in the jdk/jre installed and the tesseract libs you use. Please google and download the 64-bit libraries and try the same method again.

'aa Al-Husban

I am getting this warning whenever i run the project.Can you please help me out to solve it
Exception in thread "main" java.lang.UnsatisfiedLinkError: Unable to load library 'libtesseract302': The specified module could not be found.

com.sun.jna.NativeLibrary.loadLibrary(NativeLibrary.java:194)

com.sun.jna.NativeLibrary.getInstance(NativeLibrary.java:283)

com.sun.jna.Library\$Handler.(Library.java:142)

at com.sun.jna.Native.loadLibrary(Native.java:368)

at com.sun.jna.Native.loadLibrary(Native.java:353)

at net.sourceforge.tess4j.TessAPI.(TessAPI.java:38)

at net.sourceforge.tess4j.Tesseract.doOCR(Tesseract.java:254)

at net.sourceforge.tess4j.Tesseract.doOCR(Tesseract.java:222)

at net.sourceforge.tess4j.Tesseract.doOCR(Tesseract.java:168)



at net.sourceforge.tess4j.Tesseract.doOCR(Tesseract.java:153)

at yarb.Main.main(Main.java:12)

Shares JusersIbrahimAppDataLocalNetBeansCache8.1executor-nippetsrun.xml:53: Java returned: 1

'ILD FAILED (total time: 1 second)

ir

"

Why I am getting this warning?

a.lang.UnsatisfiedLinkError: The specified module could not be found.

at com.sun.jna.Native.open(Native Method)

com.sun.jna.NativeLibrary.loadLibrary(NativeLibrary.java:263)

com.sun.jna.NativeLibrary.getInstance(NativeLibrary.java:403)

com.sun.jna.Library\$Handler.(Library.java:147)

com.sun.jna.Native.loadLibrary(Native.java:502)

at com.sun.jna.Native.loadLibrary(Native.java:481)

at Tess4j.Tessaracttest.(Tessaracttest.java:33)

Exception in thread “main” Java Result: 1

- *Namrata Simha*

Does Tessaract work only with English in the images?

- *maliciousmale*

No you can use different language. You can see trained data for tesseract for different languages from



<https://github.com/tesseract-ocr/tessdata>. You need to download the data of preferred language then you can initialise your tesseract api variable like

Shares TessBaseAPI api = new TessBaseAPI();

```
boolean init = api.init("src/main/resources/data", "eng");
```

For japanese charset nhocr is better.

- o *Namrata Simha*

Thank you!!

- o *Bilal Hussain Khan*

```
TessBaseAPI api = new TessBaseAPI();
```

```
boolean init = api.init("src/main/resources/data", "eng");
```

can you please tell me where these line should be written in my code any specific class or some thing?

JrLord

I'd exactly as described, but there are many errors while compiling. See the image attached. Most of the errors are due to unavailability of dependencies from lept4l (atleast that's what I think). Please help me, my work is stuck. I uploaded multiple screenshots to imgur, here's the link. <http://imgur.com/a/aiOAR>



- *Nikhil Khandelwal*

Barcode recognition is possible in Tess4j?? If possible then how to do it please suggest

- *Anant Mahale*

the .jar file of project not working.

- *Anil Kumar*

this is not working on windows 10 64bit
please help me



- *Jayant Kumar*

hii, i did same steps as explained above, but while running this project ,
i'm getting this error ,

Shares option in thread “main” java.lang.UnsatisfiedLinkError: Unable to load
library ‘tesseract’: Native library (linux-x86-64/libtesseract.so) not
found in resource path
[file:/home/baryons/ANIRBAN_BACKUP/ANIRBAN_BC/Desktop/OCRtoText1/tesseracttest/bin/,
file:/home/baryons/ANIRBAN_BACKUP/ANIRBAN_BC/Desktop/jar%20for%20tess/tess4j-
3.0.jar]

com.sun.jna.NativeLibrary.loadLibrary(NativeLibrary.java:271)

com.sun.jna.NativeLibrary.getInstance(NativeLibrary.java:398)

com.sun.jna.Library\$Handler.(Library.java:147)

com.sun.jna.Native.loadLibrary(Native.java:412)

com.sun.jna.Native.loadLibrary(Native.java:391)

net.sourceforge.tess4j.TessAPI.(TessAPI.java:45)

. net.sourceforge.tess4j.Tesseract.init(Tesseract.java:283)

.. net.sourceforge.tess4j.Tesseract.doOCR(Tesseract.java:219)

at net.sourceforge.tess4j.Tesseract.doOCR(Tesseract.java:168)

at net.sourceforge.tess4j.Tesseract.doOCR(Tesseract.java:152)

at tesseract.Main.main(Main.java:15)

can you explain, how to resolve this error?

- *arun*

Exception in thread “main” java.lang.UnsatisfiedLinkError: The
specified module could not be found.



```
at com.sun.jna.Native.open(Native Method)
at com.sun.jna.Native.open(Native.java:1759)
at com.sun.jna.NativeLibrary.loadLibrary(NativeLibrary.java:260)
  ↗ com.sun.jna.NativeLibrary.getInstance(NativeLibrary.java:398)
Shares com.sun.jna.Library$Handler.(Library.java:147)
  + com.sun.jna.Native.loadLibrary(Native.java:412)
    com.sun.jna.Native.loadLibrary(Native.java:391)

c.sourceforge.tess4j.util.LoadLibs.getTessAPIInstance(LoadLibs.java:77)
net.sourceforge.tess4j.TessAPI.(TessAPI.java:42)
net.sourceforge.tess4j.Tesseract.init(Tesseract.java:367)
net.sourceforge.tess4j.Tesseract.doOCR(Tesseract.java:280)
  ↵ net.sourceforge.tess4j.Tesseract.doOCR(Tesseract.java:212)
    net.sourceforge.tess4j.Tesseract.doOCR(Tesseract.java:196)
  ↘ homw.main(homw.java:22)
    ↵ Result: 1
```

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