

JAVA.IO.FILE.TOURI METHOD

http://www.tutorialspoint.com/java/io/file_uri.htm

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Description

The **java.io.File.toURI** method creates a file: URI that represents the abstract pathname.

Declaration

Following is the declaration for **java.io.File.toURI** method:

```
public URI toURI()
```

Parameters

- NA

Return Value

The method returns an absolute, hierarchial URI with a scheme equal to "file".

Exception

- **SecurityException** -- If a required system property value cannot be accessed

Example

The following example shows the usage of java.io.File.toURI method.

```
package com.tutorialspoint;

import java.io.File;
import java.net.URI;

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

        File f = null;
        URI uri;
        boolean bool = false;

        try{
            // create new File object
            f = new File("c:/java test.txt");

            // returns true if file exists
            bool = f.exists();

            // if file exists
            if(bool)
            {
                // returns the uri string
                uri = f.toURI();

                // print
                System.out.println("uri: "+uri);
            }
        }catch(Exception e){
            // if any error occurs
            e.printStackTrace();
        }
    }
}
```

Let us compile and run the above program, this will produce the following result:

```
uri: file:/c:/iava%20test.txt
```

```
Loading [Mathjax]/jax/output/HTML-CSS/jax.js
```