

JAVA EXAMPLES - SEARCHING FILES

http://www.tutorialspoint.com/javaexamples/dir_search.htm

Copyright © tutorialspoint.com

Problem Description:

How to search all files inside a directory?

Solution:

Following example demonstrates how to search and get a list of all files under a specified directory by using `dir.list` method of `File` class.

```
import java.io.File;

public class Main {
    public static void main(String[] argv)
        throws Exception {
        File dir = new File("directoryName");
        String[] children = dir.list();
        if (children == null) {
            System.out.println("does not exist or
                               is not a directory");
        }
        else {
            for (int i = 0; i < children.length; i++) {
                String filename = children[i];
                System.out.println(filename);
            }
        }
    }
}
```

Result:

The above code sample will produce the following result.

```
sdk
---vehicles
-----body.txt
-----color.txt
-----engine.txt
---ships
-----shipengine.txt
```

Loading [MathJax]/jax/output/HTML-CSS/fonts/TeX/fontdata.js