

# JAVA EXAMPLES - TRAVERSING DIRECTORY

[http://www.tutorialspoint.com/javaexamples/dir\\_traverse.htm](http://www.tutorialspoint.com/javaexamples/dir_traverse.htm)

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Following example demonstrates how to traverse a directory with the help of `dir.isDirectory` and `dir.list` methods of `File` class.

```
import java.io.File;

public class Main {
    public static void main(String[] argv)
        throws Exception {
        System.out.println("The Directory is traversed.");
        visitAllDirsAndFiles(C://Java);
    }
    public static void visitAllDirsAndFiles(File dir) {
        System.out.println(dir);
        if (dir.isDirectory()) {
            String[] children = dir.list();
            for (int i = 0; i < children.length; i++) {
                visitAllDirsAndFiles
                    (new File(dir, children[i]));
            }
        }
    }
}
```

## Result:

The above code sample will produce the following result.

```
The Directory is traversed
Loading [MathJax]/jax/output/HTML-CSS/fonts/TeX/fontdata.js
```