

# Kotlin – Delete Recursively – Example

## Kotlin – Delete Recursively

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To delete a file/folder and its children in Kotlin, use extension function to `java.io.File`, `File.deleteRecursively()`.

### Syntax

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The syntax of `File.deleteRecursively()` method is

```
fun File.deleteRecursively(): Boolean (source)
```

This function returns true if the operation is successful, else false.

Any error during the operation could result in partial deletion of the files in the given directory.

### Example 1 – Delete Files Recursively in Folder

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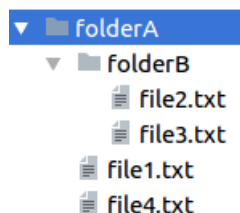
In the following example, we delete all the files and folders present in “folderA” and also delete the “folderA” itself, recursively, using `File.deleteRecursively()` method.

**example.kt**

```
import java.io.File

fun main(args: Array<String>) {
    var fileA = File("folderA")
    fileA.deleteRecursively()
}
```

**folderA**



When you run this program, all files and folders inside and including folderA shall be deleted.

## Conclusion

In this [Kotlin Tutorial](#), we learned to delete a folder and its children recursively, using `File.deleteRecursively()` method.

### **Kotlin Java**

- ◆ [Kotlin Tutorial](#)

### **Getting Started**

- ◆ [Setup Kotlin\(Java\) Project](#)
- ◆ [Kotlin Example Program](#)
- ◆ [Convert Java to Kotlin](#)
- ◆ [Kotlin Main Function](#)
- ◆ [Kotlin Loops](#)
- ◆ [Kotlin For Loop](#)
- ◆ [Kotlin While, Do While Loops](#)
- ◆ [Kotlin Repeat](#)
- ◆ [Kotlin Ranges](#)
- ◆ [Kotlin When](#)

### **Object Oriented Concepts**

#### **Classes**

- ◆ [Kotlin - Class, Primary and Secondary Constructors](#)
- ◆ [Kotlin Sealed Class](#)
- ◆ [Kotlin Data Class](#)
- ◆ [Kotlin Enum](#)
- ◆ [Kotlin - Extension Functions](#)

#### **Inheritance**

- ◆ [Kotlin Inheritance](#)
- ◆ [Kotlin Override Method of Super Class](#)

## Abstraction

- ◆ Kotlin Abstraction
- ◆ Kotlin Abstract Class
- ◆ Kotlin - Interfaces
- ◆ Kotlin Null Safety

## Exception Handling

- ◆ Kotlin Try Catch
- ◆ Kotlin Throw Exception
- ◆ Kotlin Custom Exception

## Fix Compilation Errors

- ◆ Kotlin - Variable must be initialized
- ◆ Kotlin - Primary Constructor call expected
- ◆ Kotlin - Null can not be a value of a non-null type String
- ◆ Kotlin - Cannot create an instance of an abstract class

## Kotlin - String Operations

- ◆ Kotlin - Compare Strings
- ◆ Kotlin - Replace String
- ◆ Kotlin - Split String
- ◆ Kotlin - Split String to Lines
- ◆ Kotlin - String Capitalize

## Kotlin - Functions

- ◆ Kotlin Function - Default Arguments
- ◆ Kotlin - Use Function

## Kotlin Collections

### Kotlin List

- ◆ Kotlin List
- ◆ Kotlin List forEach

## Kotlin File Operations

## **Kotlin File Operations**

- ◆ [Kotlin - Create File](#)
- ◆ [Kotlin - Read File](#)
- ◆ [Kotlin - Read File as List of Lines](#)
- ◆ [Kotlin - Write to File](#)
- ◆ [Kotlin - Append Text to File](#)
- ◆ [Kotlin - Check if File Exists](#)
- ◆ [Kotlin - Copy a File to Other](#)
- ◆ [Kotlin - Iterate through all files in a directory](#)

### ⇒ **Kotlin - Delete Recursively**

- ◆ [Kotlin - Get File Extension](#)

## **Kotlin Interview Q/A**

- ◆ [Kotlin Interview Questions](#)

## **Kotlin Android**

- ◆ [Kotlin Android Tutorial](#)

## **Useful Resources**

- ◆ [How to Learn Programming](#)