

Java Files

File handling is an important part of any application.

Java has several methods for creating, reading, updating, and deleting files.

Java File Handling

The `File` class from the `java.io` package, allows us to work with files.

To use the `File` class, create an object of the class, and specify the filename or directory name:

Example

```
import java.io.File; // Import the File class

File myObj = new File("filename.txt"); // Specify the filename
```

The `File` class has many useful methods for creating and getting information about files. For example:

| Method | Type | Description |
|--------------------------------|----------|--|
| <code>canRead()</code> | Boolean | Tests whether the file is readable or not |
| <code>canWrite()</code> | Boolean | Tests whether the file is writable or not |
| <code>createNewFile()</code> | Boolean | Creates an empty file |
| <code>delete()</code> | Boolean | Deletes a file |
| <code>exists()</code> | Boolean | Tests whether the file exists |
| <code>getName()</code> | String | Returns the name of the file |
| <code>getAbsolutePath()</code> | String | Returns the absolute pathname of the file |
| <code>length()</code> | Long | Returns the size of the file in bytes |
| <code>list()</code> | String[] | Returns an array of the files in the directory |
| <code>mkdir()</code> | Boolean | Creates a directory |

