

[Hummingbird](#) / FileMiddlewareFileAttributes

Protocol

# FileMiddlewareFileAttributes

Protocol for all the file attributes required by [FileMiddleware](#)

```
protocol FileMiddlewareFileAttributes
```

## Overview

Requirements for the FileAttributes of the [FileProvider](#) you use with your FileMiddleware

## Topics

### Instance Properties

```
var isFolder: Bool
```

Is file a folder

**Required**

```
var modificationDate: Date
```

Last time file was modified

**Required**

```
var size: Int
```

Size of file

**Required**

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# Relationships

## Conforming Types

`LocalFileSystem.FileAttributes`

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## See Also

### File management/middleware

`struct FileMiddleware`

Middleware for serving static files.

`struct FileIO`

Manages File reading and writing.

`protocol FileProvider`

Protocol for file provider type used by [FileMiddleware](#)

`struct LocalFileSystem`

Local file system file provider used by FileMiddleware. All file accesses are relative to a root folder

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