



erstellt

MusicLibraryApp

testet

LibraryApp

- \_console: IConsole  
- \_fs: IFileSystem  
+ Songs: List<Song>  
+ Data File: string

+ LibraryApp (console: IConsole, fs: IFileSystem, dataFile: string)  
+ LoadLibrary():void  
+ SaveLibrary():void  
+ AddSong():void  
+ SearchSong():void  
+ ShowAllSongs():void  
+ RemoveSong():void  
+ UpdateSong():void

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Song

+ Title: string  
+ Album: string  
+ Genre: string  
+ Duration: int  
+ Song (title, artist, album, genre, duration)  
+ Display (console: IConsole):void

SystemConsole

+ ReadLine():string  
+ Write(s:string):void  
+ WriteLine(s:string):void

IConsole

+ ReadLine():string  
+ Write(s:string):void  
+ WriteLine(s:string):void

Nutzt

System FileSystem

+ Exists(path:string):bool  
+ ReadAllText(path:string):string  
+ WriteAllText(path:string, contents:string):void

Nutzt

IFileSystem

+ Exists(path:string):bool  
+ ReadAllText(path:string):string  
+ WriteAllText(path:string, contents:string):void

MusikLibraryTests

MusikbibTests

+ RunAll():int

FakeFileSystem

FakeConsole