HomeStereoDriver

+ main(args: String[]): void

HomeStereo

- audio: Equalizer
- media: MediaPlayer

+ HomeStereo()
+ HomeStereo(homeStereo: HomeStereo)
+ HomeStereo(audio: Equalizer)
+ setAudio(audio: Equalizer): void
+ getAudio(): Equalizer
+ SetMedia(media: MediaPlayer): void
+ getMedia(): MediaPlayer
+ Play(): void
+ Stop(): void
+ nextTrack(): void
+ previewsTrack(): void
+ volumeUp(): void
+ volumeDown() void
+ toString() String
+ equals(homeStereo: Object): boolean

Equalizer

+ MAX_VOLUME: int
+ MAX_BASS: int
+ MAX_TREBLE: int
- volume: int
- bass: int
- treble: int

+ Equalizer()
+ Equalizer(equalizer: Equalizer)
+ Equalizer(volume: int, bass: int, treble: int)
# setVolume(volume: int): void
+ getVolume(): int
# setBass(bass: int)
+ getBass(): int
# setTreble(treble:int)
+ getTreble(): int
+ toString(): String
+ equals(equalizer: Object): boolean

MediaPlayer

- isMediaIn: boolean
- isPlaying: boolean
- trackName: String
- trackNumber: int
- totalTracks: int

+ MediaPlayer()
+ MediaPlayer(mediaPlayer: MediaPlayer)
+ MediaPlayer(isMediaIn: boolean,
              isPlaying: Boolean,
              trackName: String,
              trackNumber: int;
              totalTrack: int)
+ setIsPlaying(isPlaying: boolean): void
+ getIsPlaying(): Boolean
+ getTrackName(): String
+ getTrackNumber(): int
+ setTrackNumber(trackNumber: int): void
+ getTotalTracks(): int
+ toString(): String
+ equals(MediaPlayer: Object): boolean

CompactDisc

- discData: FileReader
- currentData: FileReader

+ CompactDisc()
+ CompactDisc(discData:FileReader,
              currentData: FileReader)
+ CompactDisc(compactDisc: CompactDisc)
+ setDiscData(discData: FileReader): void
+ getDiscData(): FileReader
+ setCurrentData(currentData: FileReader)
                                    : void
+ getCurrentData(): FileReader
+ toString(): String
+ equals(compactDisc: Object): boolean

FileReader

- fileIn: File
- fileOut: File

+ FileReader()
+ FileReader(fileIn: File, fileOut: File)
+ setFileIn(fileIn: File): void
+ getFileIn(): File
+ setFileOut(fileOut: File): void
+ getFileOut(): File
+ toString(): String
- equals(fileReader: Object): boolean

MemoryCard

- memoryDirectory: FileReader
- currentFile: FileReader

+ MemoryCard()
+ MemoryCard(memoryDirectory: FileReader,
              currentFile: FileReader)
+ MemoryCard(memoryCard: MemoryCard)
+ setMemoryDirectory(directory: FileReader)
                                    : void
+ getMemoryDirectory(): FileReader
+ setCurrentFile(currentFile: FileReader): void
+ getCurrentFile(): FileReader
+ toString(): String
+ equals(memoryCard: Object): boolean