file

Document

- name: String
- path: String
- parent: Directory
- date: long

+ getName(): String
+ getPath(): String
+ getParent(): Directory
+ getDate(): long

+ setParent(parent: Directory): void
+ setDate(date: long): void

+ Document(name: String, path: String, parent: Directory, date: long)
+ Document(path: String, parent: Directory)
+ Document(path: String)

+ delete(): boolean
+ equals(other: Object): boolean
+ saveTo(path: String): void

Clone

- duration: Integer
- source: Directory
- target: Directory

+ Clone(source: String, target: String)
+ Clone(duration: Integer, source: String, target: String)
+ run(): void
+ doOnce(): void

Synchronize

- threads: List<Synchronize>

- source: Directory
- target: Directory

+ getSync(source: Directory): Synchronize

+ getSate(): boolean
+ getSource(): Directory
+ getTarget(): Directory

+ Synchronize(source: String, target: String)
+ Synchronize(source: Directory, target: Directory)

+ inverse(): Synchronize
+ init(): void
+ run(): void

Directory

- name: String
- path: String
- parent: Directory
- date: long
- docs: List<Document>
- dirs: List<Directory>
- updated: boolean

+ getName(): String
+ getPath(): String
+ getParent(): Directory
+ getDate(): long
+ getDocs(): List<Document>
+ getDirs(): List<Directory>
+ getUpdated(): boolean

+ setUpdated(updated: boolean): void
+ setParent(parent: Directory): void

+ Directory(path: String, parent: Directory)
+ Directory(path: String)

+ removeDoc(document: Document): boolean
+ removeDir(directory: Directory): boolean

+ addDoc(document: Document): void
+ addDir(directory: Directory): void

+ delete(): boolean
+ containsDoc(name: String): boolean
+ containsDoc(name: String, date: long): boolean
+ containsDir(name: String): boolean
+ containsDir(name: String, date: long): boolean
+ getDocument(name: String): Document

+ saveTo(path: String): void
+ cloneTo(path: String): void
+ update(): void
+ scan(): void