FileManager

AbstractFile

name:String
date:Date
extension:String
size:double
user_id:int

AbstractFile(Object[] ROW_DB):AbstractFile
AbstractFile():AbstractFile
AbstractFile(AbstractFile file):AbstractFile

FactoryFile

getFile(name:String, user_id):AbstractFile
deleteFile(user_id:int, name:String): boolean
moveFile(user_id:int, destination:String):boolean
cloneFile(user_id:int, name:String):boolean
checkFile(user_id:int, name:String):boolean
generateQueryInsert(AbstractFile file): String

extends

CompressedFile

TextFile

PDFFile

MediaFile

ServiceFile

- dbAccess: DatabaseInstance

ServiceFile(): ServiceFile
get(user_id:int, name: String): Object[]
insert(AbstractFile file): boolean
delete(user_id:int, name:String): boolean

extends

<<interface>>
Viewable

ImageFile

VideoFile

AudioFile

<<interface>>
Playable

ControllerFile

- request: String
- data: Object[]
- factory: FactoryFile

+ ControllerFile(request:String, data:Object[])
+ upload(Object[]): boolean
+delete(user_id:int, name:String): boolean
+move(String destination):boolean
+rename(String new_name):boolean
+copy(String destination):boolean
+clone():boolean

ModelFile

+ attribute1:type = defaultValue
+ attribute2:type
- attribute3:type

+ operation1(params):returnType
- operation2(params)
- operation3()

MVC

AbstractController

AbstractService

initConnection(): dbAccess
closeConnection(): boolean

AbstractModal