

cs213.photoAlbum.control

- o user: User
- o backend: Backendinterface

Control()

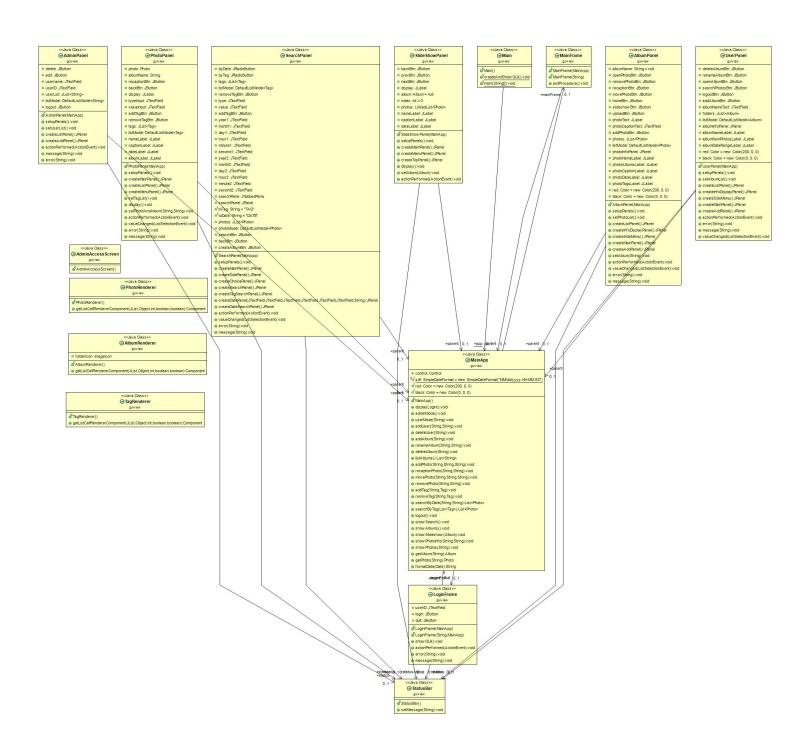
- getUserName():String
- getUserID():String
- listUsers():List<String>
- addUser(String,String):void
- deleteUser(String):void
- clearUsers():void
- login(String):void
- createAlbum(String):void
- listAlbums():Collection<Album>
- deleteAlbum(String):void
- listPhotos(String):List<Photo>
- o recaptionPhoto(String,String):void
- addPhoto(String,String,String):void
- addPhoto(String,String):String
- removePhoto(String,String):void
- movePhoto(String,String,String):void
- addTag(String,Tag):void
- deleteTag(String,Tag):void
- listPhotoInfo(String):Photo
- getPhotosByDate(Calendar,Calendar):List<Photo>
- getPhotosByTag(List<Tag>):List<Photo>
- o logout():void

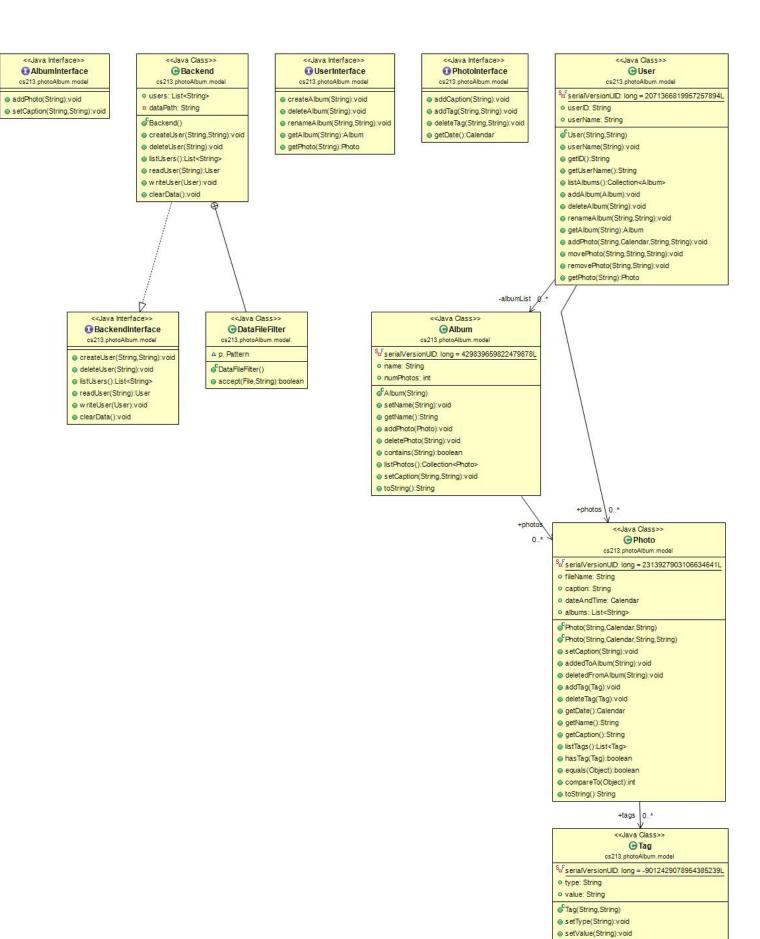
<<Java Interface>>

○ ControlInterface

cs213.photoAlbum.control

- getUserName():String
- getUserID():String
- listUsers():List<String>
- addUser(String,String):void
- deleteUser(String):void
- o clearUsers():void
- login(String):void
- o createAlbum(String):void
- deleteAlbum(String):void
- listPhotos(String):List<Photo>
- addPhoto(String,String,String):void
- addPhoto(String,String):String
- removePhoto(String,String):void
- movePhoto(String,String,String):void
- addTag(String,Tag):void
- deleteTag(String,Tag):void
- listPhotoInfo(String):Photo
- getPhotosByDate(Calendar,Calendar):List<Photo>
- getPhotosByTag(List<Tag>):List<Photo>
- logout():void





getType():String
 getValue():String
 compareTo(Tag):int
 equals(Object):boolean
 toString():String

©DuplicateAlbumException() os createDateString(String,String,String,String,String,String):String
 os extractDate(String,boolean):Calendar

CDateUtils()

©TagException() ©TagException(String)

<<Java Class>>

G DuplicateUserException

cs213.photoAlbum.util <<Java Class>>

PhotoException cs213.photoAlbum.util

p filename: String albumname: String

o^CPhotoException() [€]PhotoException(String)