

Album		
serialVersionUID	long	
name	String	
photos	List<Photo>	
start	Date	
end	Date	
Album(String)		
addPhoto(Photo) boolean		
removePhoto(Photo) boolean		
updateDates() void		
getName() String		
setName(String) void		
setPhotos(List<Photo>) void		
getStartString() String		
getStart() Date		
setStart(Date) void		
getEndString() String		
getEnd() Date		
setEnd(Date) void		
getPhotos() List<Photo>		
toString() String		
getNumPhotos() int		
equals(Album) boolean		

Photo		
serialVersionUID	long	
dateTaken	Date	
tags	List<Tag>	
tagTypes	HashMap<String, Boolean>	
caption	String	
photoFile	File	
path	String	
Photo(String, File)		
getTagTypes() HashMap<String, Boolean>		
getDateTaken() Date		
getTags() List<Tag>		
getCaption() String		
setCaption(String) void		
getPhotoFile() File		
addTag(Tag) boolean		
deleteTag(Tag) boolean		
getDateString() String		
equals(Object) boolean		

User		
serialVersionUID	long	
username	String	
albums	List<Album>	
User(String)		
getAlbums() List<Album>		
setAlbums(List<Album>) void		
getUsername() String		
toString() String		
equals(User) boolean		

Tag		
serialVersionUID	long	
name	String	
value	String	
Tag(String, String)		
getName() String		
getValue() String		
equals(Object) boolean		
toString() String		

1..n

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has

is in

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belongs to

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tagged with

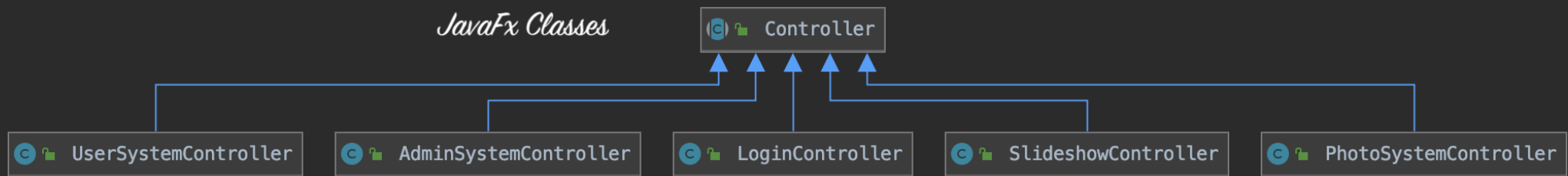
tag

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has

## *JavaFx Classes*



## Associations

Classes	Data Structure used for Class
User	List<Album> album
Album	List<Photo> photos
Photo	List<Tag> tags
Tag	None, this class is used to represent key-value pair