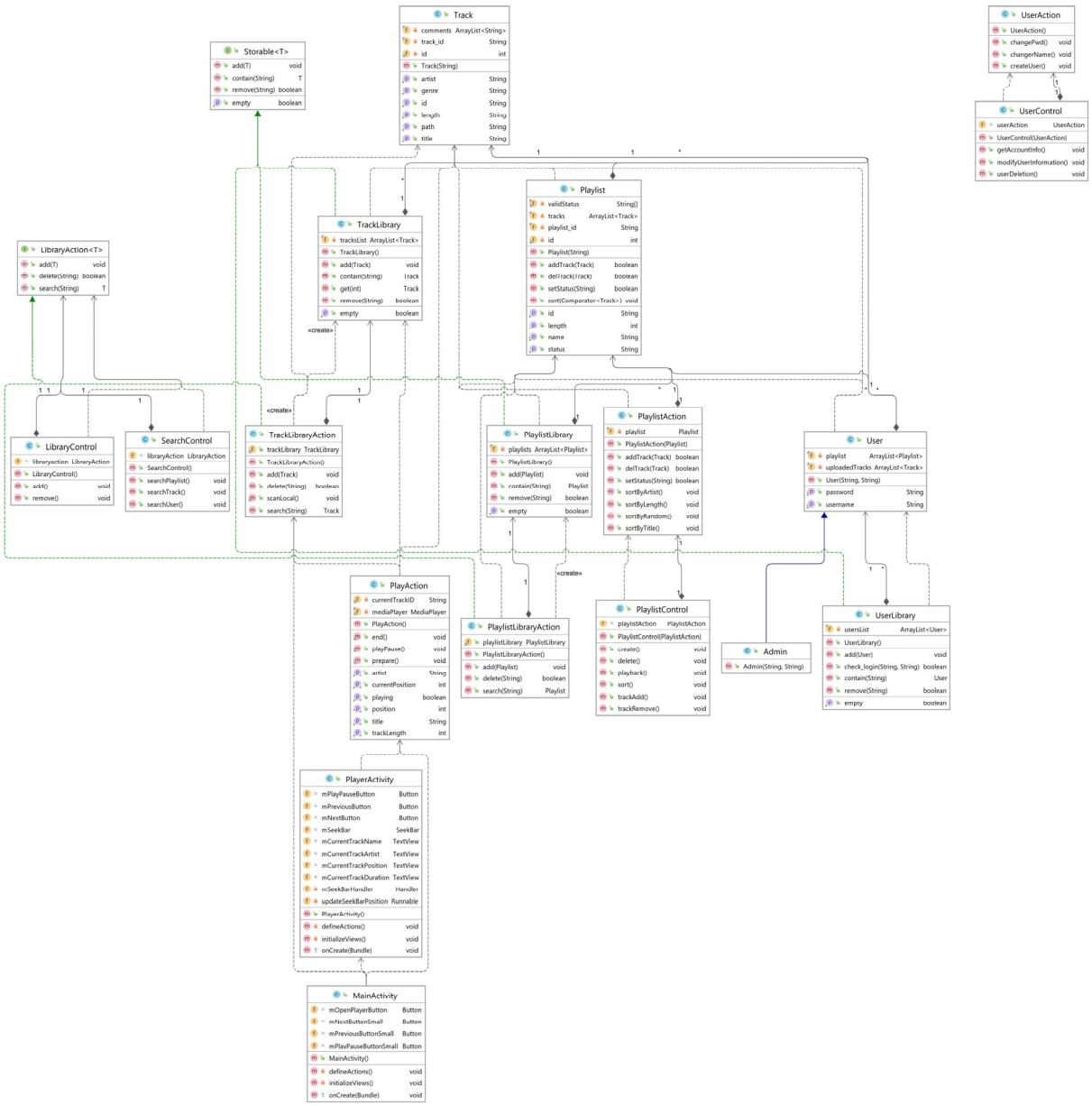
Track
comments ArrayList<String>
track_id String
id int
Track(String)
artist String
genre String
id String
length String
path String
title String
Storable<T>
add(T) void
contain(String) T
remove(String) boolean
empty boolean
UserAction
UserAction()
changePwd() void
changerName() void
createUser() void
UserControl
userAction UserAction
UserControl(UserAction)
getAccountInfo() void
modifyUserInformation() void
userDeletion() void
Playlist
validStatus String[]
tracks ArrayList<Track>
playlist_id String
id int
Playlist(String)
addTrack(Track) boolean
delTrack(Track) boolean
setStatus(String) boolean
sort(Comparator<Track>) void
id String
length int
name String
status String
TrackLibrary
tracksList ArrayList<Track>
TrackLibrary()
add(Track) void
contain(String) Track
get(int) Track
remove(String) boolean
empty boolean
LibraryAction<T>
add(T) void
delete(String) boolean
search(String) T
LibraryControl
libraryaction LibraryAction
LibraryControl()
add() void
remove() void
SearchControl
libraryAction LibraryAction
SearchControl()
searchPlaylist() void
searchTrack() void
searchUser() void
TrackLibraryAction
trackLibrary TrackLibrary
TrackLibraryAction()
add(Track) void
delete(String) boolean
scanLocal() void
search(String) Track
PlaylistLibrary
playlists ArrayList<Playlist>
PlaylistLibrary()
add(Playlist) void
contain(String) Playlist
remove(String) boolean
empty boolean
PlaylistAction
playlist Playlist
PlaylistAction(Playlist)
addTrack(Track) boolean
delTrack(Track) boolean
setStatus(String) boolean
sortByArtist() void
sortByLength() void
sortByRandom() void
sortByTitle() void
User
playlist ArrayList<Playlist>
uploadedTracks ArrayList<Track>
User(String, String)
password String
username String
PlayAction
currentTrackID String
mediaPlayer MediaPlayer
PlayAction()
end() void
playPause() void
prepare() void
artist String
currentPosition int
playing boolean
position int
title String
trackLength int
PlaylistLibraryAction
playlistLibrary PlaylistLibrary
PlaylistLibraryAction()
add(Playlist) void
delete(String) boolean
search(String) Playlist
PlaylistControl
playlistAction PlaylistAction
PlaylistControl(PlaylistAction)
create() void
delete() void
playback() void
sort() void
trackAdd() void
trackRemove() void
Admin
Admin(String, String)
UserLibrary
usersList ArrayList<User>
UserLibrary()
add(User) void
check_login(String, String) boolean
contain(String) User
remove(String) boolean
empty boolean
PlayerActivity
mPlayPauseButton Button
mPreviousButton Button
mNextButton Button
mSeekBar SeekBar
mCurrentTrackName TextView
mCurrentTrackArtist TextView
mCurrentTrackPosition TextView
mCurrentTrackDuration TextView
mSeekBarHandler Handler
updateSeekBarPosition Runnable
PlayerActivity()
defineActions() void
initializeViews() void
onCreate(Bundle) void
MainActivity
mOpenPlayerButton Button
mNextButtonSmall Button
mPreviousButtonSmall Button
mPlayPauseButtonSmall Button
MainActivity()
defineActions() void
initializeViews() void
onCreate(Bundle) void
«create»
«create»
«create»