UserIOConsoleImpl Created by: Margaret Donin «interface» Date created: 05/11/20 UserlO **DVD** Library DVD **DVDLibraryView** -title: String -releaseDate : String -io: UserIO -MPAARating: String -director : String +DVDLibraryView(UserIO) -studio : String +printMenuAndGetMenuSelection(): int -userRating : String +aetNewDVDInfo(): DVD +displayCreateDVDBanner(): void +DVD(String) +displayCreateSuccessBanner(): void +getTitle(): String +displayDVDList(List<DVD>): void +setTitle(): void +displayAllBanner(): void +getReleaseDate(): String +displayDisplayAllBanner(): void +setReleaseDate(String): void +getDVDNameChoice(): String +getMPAARating(): String +displayDVD(DVD, boolean): void +setMPAARating(String): void +displayRemoveDVDBanner(): void +getDirector(): String +displayRemoveResult(DVD): void +setDirector(String): void +displayEditDVDBanner(): void +getStudio(): String +printEditMenuAndGetSelection(): int +setStudio(String): void +getDVDEdit(): String +getUserRating(): String +displayEditSuccessBanner(): void +setUserRating(String): void +displayExitBanner(): void +displayUnknownCommandBanner(): void +displayErrorMessage(String): void **Exception DVDLibraryController** -io : UserlO -view : DVDLibraryView -dao: DVDLibraryDao Extends +DVDLibraryController(DVDLibraryDao, DVDLibraryView) +run(): void -getMenuSelection(): int **DVDLibraryDaoException** -createDVD(): void -listDVDs(): void -viewDVD(): void -removeDVD(): void +DVDLibraryDaoException(String) -editDVD(): void +DVDLibraryDaoException(String, Throwable) -unknownCommand(): void -exitMessage(): void DVDLibraryDaoFileImpl «interface» -DVD: Map<String, DVD> DVDLibraryDao +DVD FILE: String +DELIMITER: String +addDVD(String, DVD): DVD +addDVD(String, DVD) : DVD +getAllDVD(): List<DVD> +getAllDVD(): List<DVD> +getDVD(String): DVD +getDVD(String): DVD +removeDVD(String): DVD +removeDVD(String): DVD +editTitle(DVD, String): void +editTitle(DVD, String): void +editReleaseDate(DVD, String): void +editReleaseDate(DVD, String): void +editMPAARating(DVD, String): void +editMPAARating(DVD, String): void +editDirector(DVD, String): void +editDirector(DVD, String): void +editStudio(DVD, String): void +editStudio(DVD, String): void +editUserRating(DVD, String): void +editUserRating(DVD, String): void -unmarshallDVD(String) : DVD -loadLibrary(): void -marshallDVD(DVD) : String -writeLibrary(): void