## LVNP.400201.206 PP VideoPlayer player: QMediaPlayer video: QVideoWidget + «destroy» VideoPlayer () RepeatStates + play (video : Video) Main + seek (seconds : int) NoRepeat = 0 RepeatPlaylist = 1 + pause () formatTime (milliseconds : qint64): QString RepeatVideo = 2 + duration (): int + main (argc : int, argv : Cpp.char): int + position (): int + getPlayer (): QMediaPlayer + setPosition (position : qint64) + getVideoWidget (): QVideoWidget + setVolume (volume : Cpp.double) + play () MainWindow ui: Ui::MainWindow videoplayer: VideoPlayer Playlist playlist: Playlist shuffle: bool = false toolsAreHidden: bool = false repeat: RepeatStates = NoRepeat playlistIsHidden: bool = true playlist: std::vector<Video\*> + «create» MainWindow (parent : QWidget = nullptr) currentlyPlaying: int = -1 + «destroy» MainWindow () Video «destroy» Playlist () + keyPressedI () + addToPlaylist (video : Video) + keyPressedP () + repeatClicked () name: QString + handleMediaStatusChanged (status : QMediaPlayer: + getRepeat (): RepeatStates :MediaStatus) + «create» Video (path : QString, name : QString) + getSize (): int + resizeEvent (event : QResizeEvent) + getPath (): QString + getShuffle (): bool + updateTimeLabel () + setPath (newPath : QString) + setShuffle (newShuffle : bool) + changePlaybackSpeed (value : int) + getName (): QString + setRepeat (newRepeat : RepeatStates) + onUpButtonClicked () + setName (newName : QString) + raise (index : int) + onDownButtonClicked () + lower (index : int) + onDeleteButtonClicked () + next (): Video + pauseButtonClicked () + previous (): Video + backwardsButtonClicked () erase (index : int) + forwardButtonClicked () + previousButtonClicked () + shuffleButtonClicked () + nextButtonClicked () + repeatButtonClicked () + addButtonClicked ()

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