<<Interface>> TalkBoxConfiguration

- + getNumberOfAudioButtons(): int
- + getNumberOfAudioSets(): int
- + getTotalNumberOfButtons(): int
- + getRelativePathToAudioFiles(): Path
- + getAudioFileNames(): String[][]



TalkBox

- numberOfAudioButtons: int
- numberOfAudioSets: int
- audioFileNames: String[][]
- absolutePath: Path
- hasAudio: boolean[][]
- setNames: String[]
- + getNumberOfAudioButtons(): int
- + getNumberOfAudioSets(): int
- + getTotalNumberOfButtons(): int
- + getRelativePathToAudioFiles(): Path
- + getAudioFileNames(): String[][]
- + getAbsolutePath(): Path
- + getHasAudio(): boolean[][]
- + getSetNames(): String[]
- + getsFile(): File[]
- + getSettingsList(): List<String>
- + setSettingsList(List<String> tbcFiles)
- + setsFile(File[] sFile)
- + setSetNames(String[] setNames)
- + setHasAudio(boolean[][] hasAudio)
- + setAbsolutePath(Path absolutePath)
- + setNumberOfAudioButtons(int numberOfAudioButtons)
- + setNumberOfAudioSets(int numberOfAudioSets)
- + setAudioFileNames(String[][] audioFileNames)
- + incAudioSets()
- + decAudioSets()
- + incAudioButtons()
- + decAudioButtons()
- + addAudio(int currentBtnSet, int btnPosition, String audioName)
- + removeAudio(int currentBtnSet, int selectedBtnIndex)
- + finalize()

Sound

- audioIn: AudioInputStream
- clip: Clip
- line: TargetDataLine

FILE_TYPE: AudioFileFormat.Type

- + Sound()
- + playSound(String audioFile)
- + stopSound()
- + setVolume()
- + startRecording(String fileName)
- + stopRecording()
- + isPlaying(): boolean
- + getAudioFormat(): AudioFormat

TalkBoxGui

private TalkBox talkbox;

- audioFileNames: String[][]
- sound: Sound
- currentBtnSet, width, height, audioSets, totAudioBtns: int
- contentPane: JPanel
- Button0, Button1, Button2, Button3, Button4, Button5: JButton
- TextPane0, TextPane1, TextPane2, TextPane3, TextPane4, TextPane5: JTextPane
- btnPrevSet, btnStop, btnConfig, btnExit: JButton
- imageButtons: ImageIcon[][]
- currentBtn: JButton[]
- currentText: JTextPane[]
- hasSound: boolean[][]
- btnPanel, configExitPanel, mainPanel, loadPanel: JPanel
- IbILoad: JLabel
- tbcLoader: JComboBox<String>
- tbcFiles: List<String>
- setNames: String[]
- lblTitle: JLabel
- currentSettings: String
- sFiles: File[]
- allFiles: List<File>
- + getSettingsList(): List<String>
- + setSettingList(List<String tbcFiles)
- + getsFile(): File[]
- + setsFile(File[] sFile)
- + getSetNames(): String[]
- + setSetNames(String[] setNames)
- + getHasAudio(): boolean[][]
- + setHasAudio(boolean[][] hasAudio)
- + setAbsolutePath(Path absolutePath)
- + getAbsolutePath(): Path
- + incAudioSets()
- + decAudioSets()
- + incAudioButtons()
- + decAudioButtons()
- + addAudio(int currentBtnSet, int btnPosition, String audioName)
- + removeAudio(int currentBtnSet, int selectedBtnIndex)
- + finalize()
- + setNumberOfAudioButtons(int numberOfAudioButtons)
- + setNumberOfAudioSets(int numberOfAudioSets)
- $+\ set Audio File Names (String[][]\ audio File Names)$
- + getNumberOfAudioButtons(): int
- + getNumberOfAudioSets(): int
- + getTotalNumberOfButtons(): int
- + getRelativePathToAudioFiles(): Path
- + getAudioFileNames(): String[][]

