FileDialog

+OpenFile(spec: FileDialogSpecification): String
+SaveFile(spec: FileDialogSpecification): String
+PickFolder(spec: FileDialogSpecification): String
-CreateFilters(filters: FileDialogFilter[])

FileDialogFilter

+Name: String
+Extension: String

«uses»

FileDialogSpecification

+FilterList: FileDialogFilter[]
+DefaultFile: String
+DefaultPath: String

«uses»

FileSystem

+GetCurrentWorkingDirectory(): String
+GetList(dir: String, only_files: boolean = false): String
+GetList(dir: String, extension: String): String

InputSoundFile

+OpenFromFile(path: String): boolean
+OpenFromMemory(data: T, size_in_bytes: long): boolean
+OpenFromStream(stream: InputStream): boolean
+Seek(sample_offset: unsigned long)
+Seek(time_offset: Time)
+Read(samples: short[], max_count: unsigned long): unsigned long
+Close()
+GetDuration(): Time
+GetTimeOffset(): Time
+GetSampleOffset(): unsigned long
+GetSampleCount(): unsigned long
+GetSampleRate(): unsigned int
+GetChannelCount(): unsigned int

OutputSoundFile

+OpenFromFile(path: String, sample_rate: int, channel_count: int): boolean
+Write(samples: short[], count: unsigned long)
+Close()

SoundFileFactory

«T»+RegisterReader()
«T»+UnregisterReader()
«T»+RegisterWriter()
«T»+UnregisterWriter()
+CreateReaderFromFilename(path: String): SoundFileReader
+CreateReaderFromMemory(data: T, size_in_bytes: long): SoundFileReader
+CreateReaderFromStream(stream: InputStream): SoundFileReader
+CreateWriterFromFilename(path: String): SoundFileWriter

Info
(from SoundFileReader)

+SampleCount
+ChannelCount
+SampleRate

«interface»
SoundFileReader

+*Open(stream: InputStream, info: Info): boolean*
+*Seek(sample_offset: unsigned long)*
+*Read(samples: short, max_count: long): long*

«uses»

«interface»
SoundFileWriter

+*Open(path: String, sample_rate: int, channel_count: int): boolean*
+Write(samples: short[], count: unsigned long)

«uses»

SoundFileReaderOgg

SoundFileWriterOgg