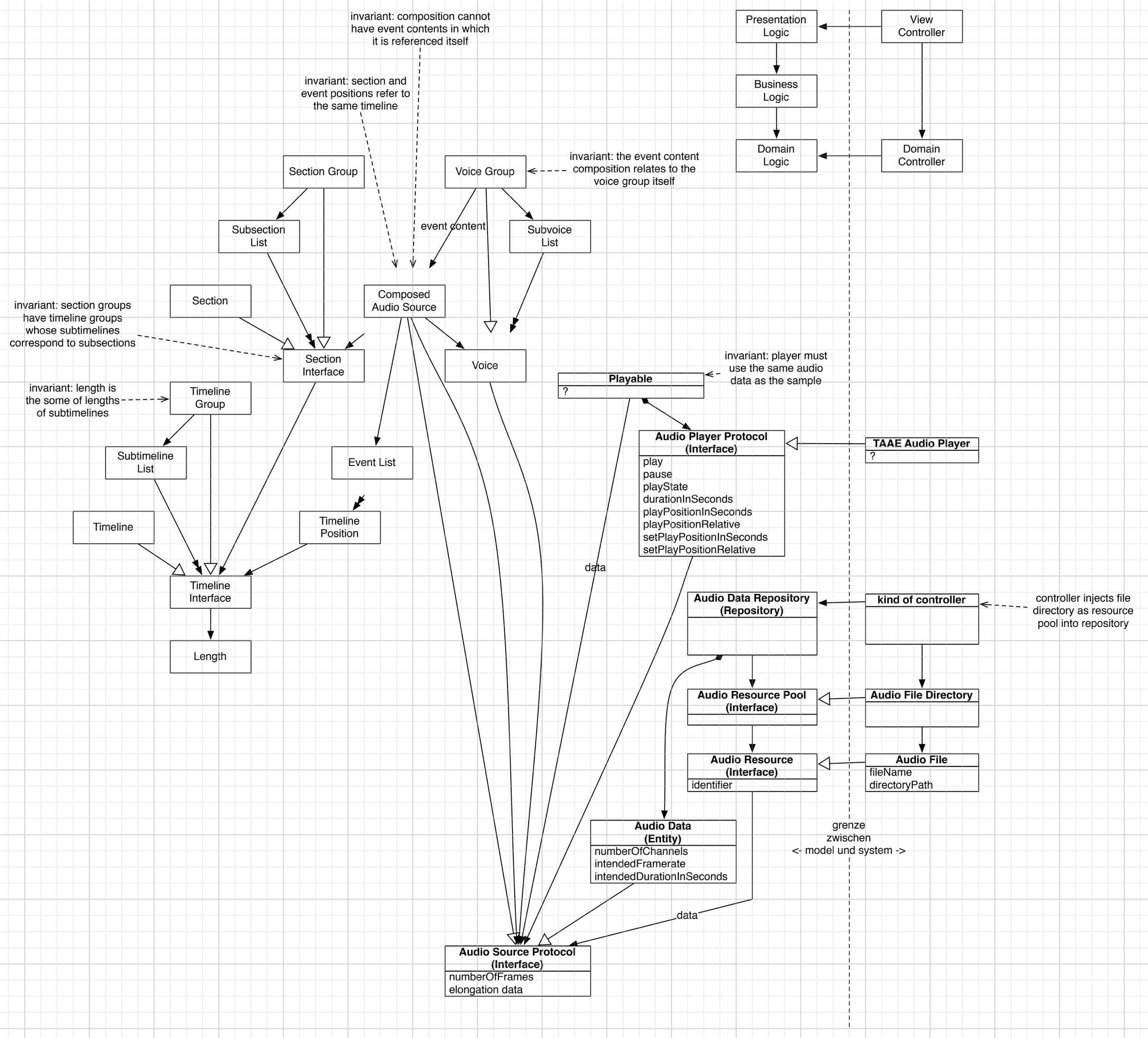
invariant: composition cannot have event contents in which it is referenced itself
invariant: section and event positions refer to the same timeline
Presentation Logic
View Controller
Business Logic
Domain Logic
Domain Controller
Section Group
Voice Group
invariant: the event content composition relates to the voice group itself
Subsection List
event content
Subvoice List
Section
Composed Audio Source
invariant: section groups have timeline groups whose subtimelines correspond to subsections
Section Interface
Voice
invariant: player must use the same audio data as the sample
Playable
?
invariant: length is the some of lengths of subtimelines
Timeline Group
Subtimeline List
Event List
Audio Player Protocol (Interface)
play
pause
playState
durationInSeconds
playPositionInSeconds
playPositionRelative
setPlayPositionInSeconds
setPlayPositionRelative
TAAE Audio Player
?
Timeline
Timeline Position
data
Timeline Interface
Length
Audio Data Repository (Repository)
kind of controller
controller injects file directory as resource pool into repository
Audio Resource Pool (Interface)
Audio File Directory
Audio Resource (Interface)
identifier
Audio File
fileName
directoryPath
Audio Data (Entity)
numberOfChannels
intendedFramerate
intendedDurationInSeconds
grenze zwischen
<- model und system ->
data
Audio Source Protocol (Interface)
numberOfFrames
elongation data