















Linking/Sync'ing Different Representations

- Music alignment is not trivial:
 - Music is somehow "the same" at different speeds
 - Performers are not exact, so no two performances have the same tempo
 - Radio stations typically time-scale recordings to make them shorter(!)
 - Music notation leaves exact timing to performers
 - Performers take liberties with timing for expression, e.g. timing details are important to communicate emotion

October 2010

(c) 2010 Roger B. Dannenberg

9

























