

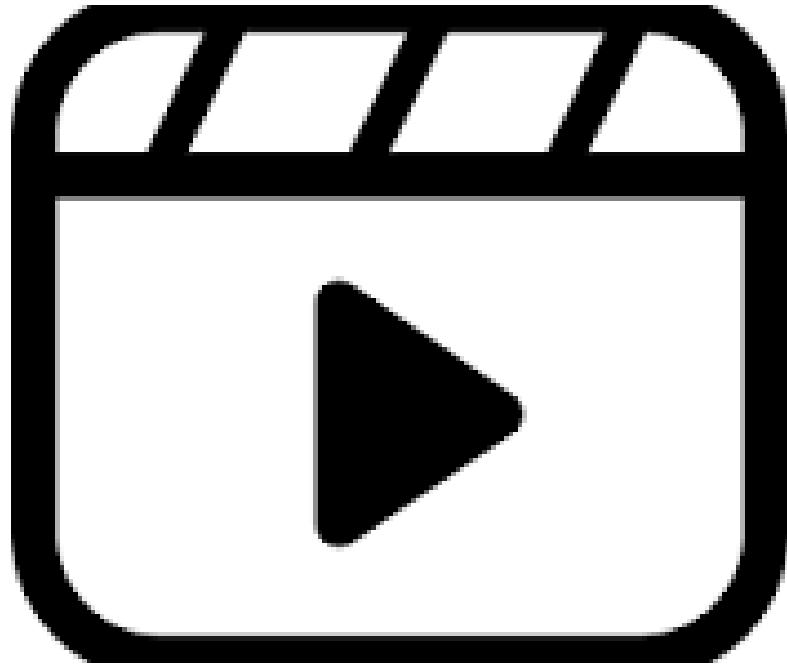
Understanding Multimodal Events

Grounding Partially-Defined Events in Multimodal Data

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“The Notre-Dame de Paris was severely damaged in a fire”

“The Notre-Dame de Paris was severely damaged in a fire”



- 15 hour fire
- 4 year reconstruction

“The Notre-Dame de Paris was severely damaged in a fire”



“The Notre-Dame de Paris was severely damaged in a fire”

(“induction problem”)

Episode 1



Episode 2



Episode 3





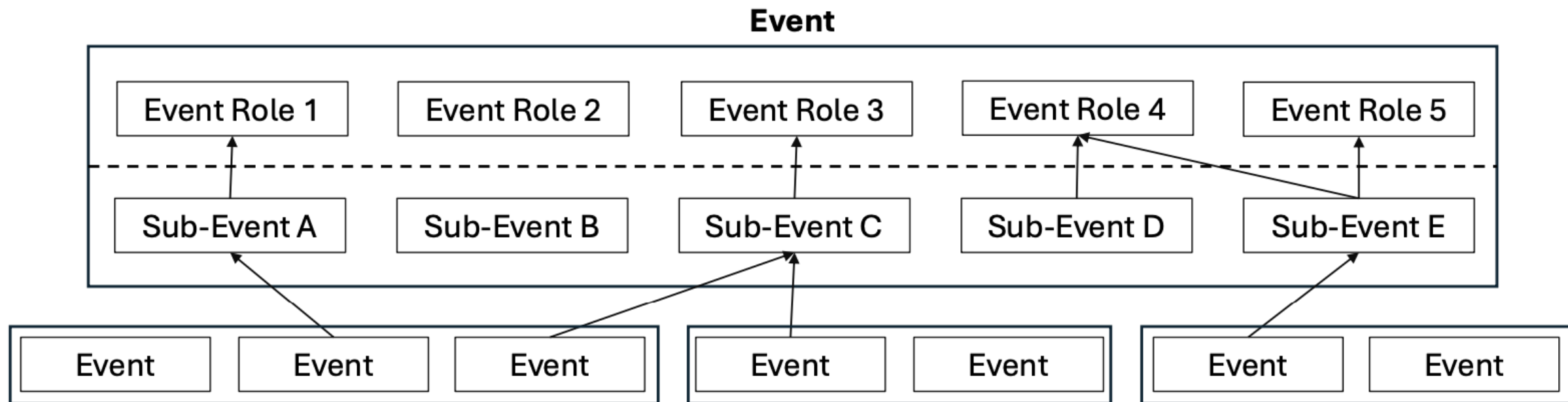
Perspective



Event Specifics



Time Frame



Video A



Video B



Video C



Disasters

Role	Question	Example
What	What emergency/disaster is occurring/has occurred?	Fire, earthquake, hurricane
Where	Where is the emergency/disaster occurring?	Australia, USA, movie theatre
When	When did the emergency/disaster occur?	Morning, last week, 2020
Outcome-Occurred	What was the outcome of the emergency/disaster?	Burned trees, collapsed buildings
Who-Affected	Who was affected by the emergency/disaster?	People huddled together, animals running for cover
Emergency-Response	Who is responding to assist those affected by the emergency/disaster?	Firefighters, doctors, politicians