

USTH MM2.1

Soft. Eng. for Interactive Media



Topic #1 – Hyper-Hitchcock
Student:Hoang Duc Viet

What is it about ?

The screenshot shows the Hitchcock Video Editor interface within a Microsoft Internet Explorer browser window. The interface is divided into several sections:

- Timeline:** A horizontal timeline at the top shows video duration from 0:00 to 60:42. A green bar indicates the current clip's coverage.
- Clip Selection Panel:** A grid of video thumbnails on the left, each with a number (e.g., 15, 45, 51, 17) and a color-coded border. A tooltip for 'Clip 156' is visible over one thumbnail.
- Tree View:** A list on the right side showing a hierarchical structure of clips and elements with their durations (e.g., '2 elements: 16 seconds', 'Take 19, Clip 142, Seconds 7').
- Workspace:** A central area containing various video composites. Blue arrows point from clips in the selection panel to their corresponding composites in the workspace.
- Composite Detail:** A larger composite is shown at the bottom, with red arrows pointing from individual clips in the selection panel to their respective segments within the composite.
- Control Panel:** A bottom bar with buttons for 'New Video', 'Play', 'Save', 'Load', 'Add All', 'Remove All', and 'Add Auto Summary'. A secondary timeline below it shows a zoomed-in view of the selected composite from 0:00 to 2:05.067.

Annotations on the right side of the image identify these components:

- Coverage of current pile and start of clip
- Clip selection panel
- Number of clips in pile
- Tool tip with clip information
- Tree view
- Selected composite
- Workspace
- Link from clip to composite
- Links from clips inside composite
- Selected portions of clips in composite

Hyper Hitchcock

*Hyper-Hitchcock is an authoring and playing interface that supports authors in creating detail-on-demand video. *HyperHitchcock automatically divides video takes (on/off boundaries in source video) into video clips based on camera motion and lighting

What is detail-on-demand video ?

Hypervideo allows viewers to navigate between video chunks. General hypervideo allows multiple simultaneous link anchors on the screen.

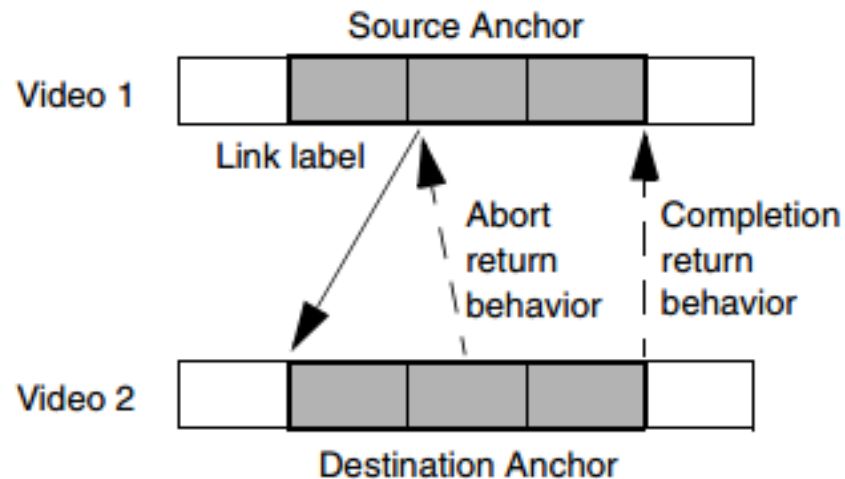


Figure 3: A detail-on-demand video link includes source and destination anchors, link label, and return behaviors.

Link Labels and Behaviors

Links in a hypervideo can have a number of characteristics that change their impact on the resulting presentation.

Two such characteristics are the label shown to the viewer as an indicator of the content of the link and the behavior when returning from links (as figure 3)

How does it relate to MM2.1 ?

- We talked about that :Hyper-Hitchcock
- In this work the authors bring this this new solution and technique to increase the interaction between human and videos.

Questions and Answers

Thanks for Listening !!!