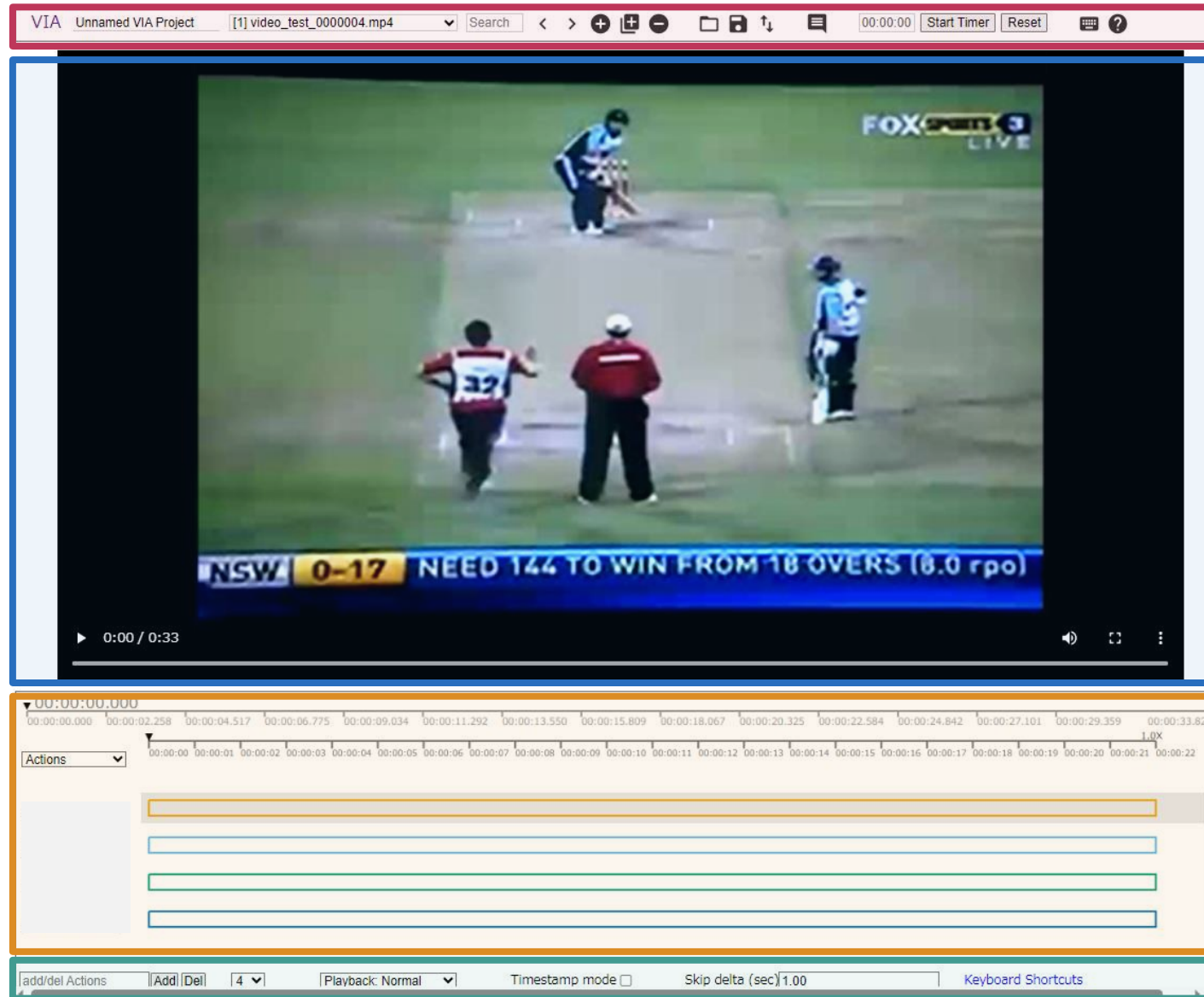# User Guide of Annotation Tool

Screen Layout and Basic Operation

Screen Layout (after loading a project file and a video)

Control Panel

Video View

Action Segment Panel

Tool Bar

3

Control Panel

① Open a video

② Open a VIA Project file

③ Save a VIA Project file

④ Timer display

⑤ Start/Stop button for Timer

⑥ Reset button for Timer

Video View

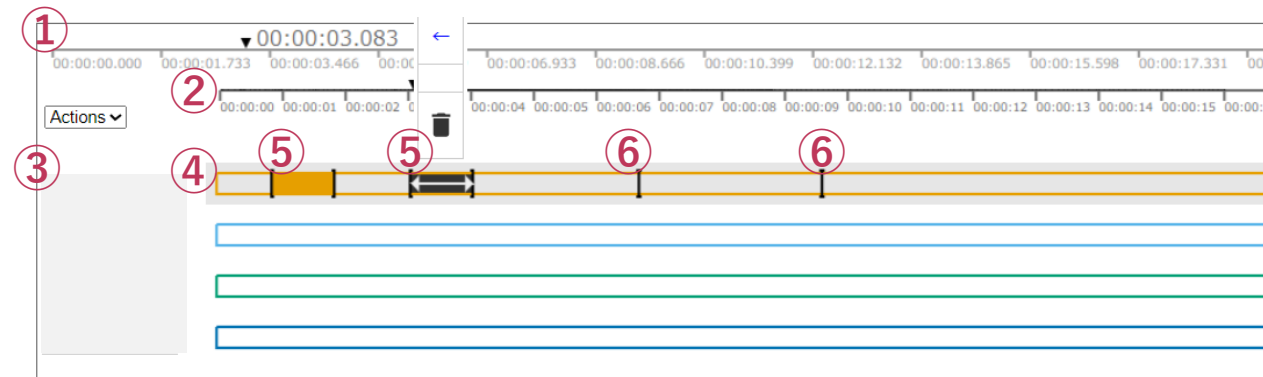◆ **Space:** Play/Pause Video

◆ **N:** Move forward by **"Skip delta"** seconds

◆ **N+Shift:** Move forward to the next multiple of **"Skip delta"** seconds

◆ **P:** Move backward by **"Skip delta"** seconds

◆ **P+Shift:** Move backward to the previous multiple of **"Skip delta"** seconds

Click for more keyboard shortcuts
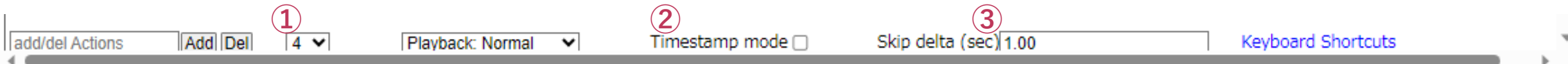
You can change playback speed

Skip delta

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Action Segment Panel

① Seek bar
  - The triangle shows the current position
  - Jump to the position if clicking the lower part of the bar

② Magnified seek bar
  - Same as the seek bar but magnified

③ Name of an action class

④ Action segment bar
  - Shows action segments/point labels of a class
  - Selected bar is highlighted by grey background

⑤ Action segments
  - Selected segment is filled by black

⑥ Timestamps
  - Point labels entered in the timestamp mode

Tool Bar

① Number of displayed action segment bars

② Toggle Timestamp mode

- Point labels, instead of action segments, are entered in the timestamp mode
- Use this for point-level/AAPL annotations
- Change of the modes affects the labels input after the change

③ Skip delta (see the "Video View" page for how this works)

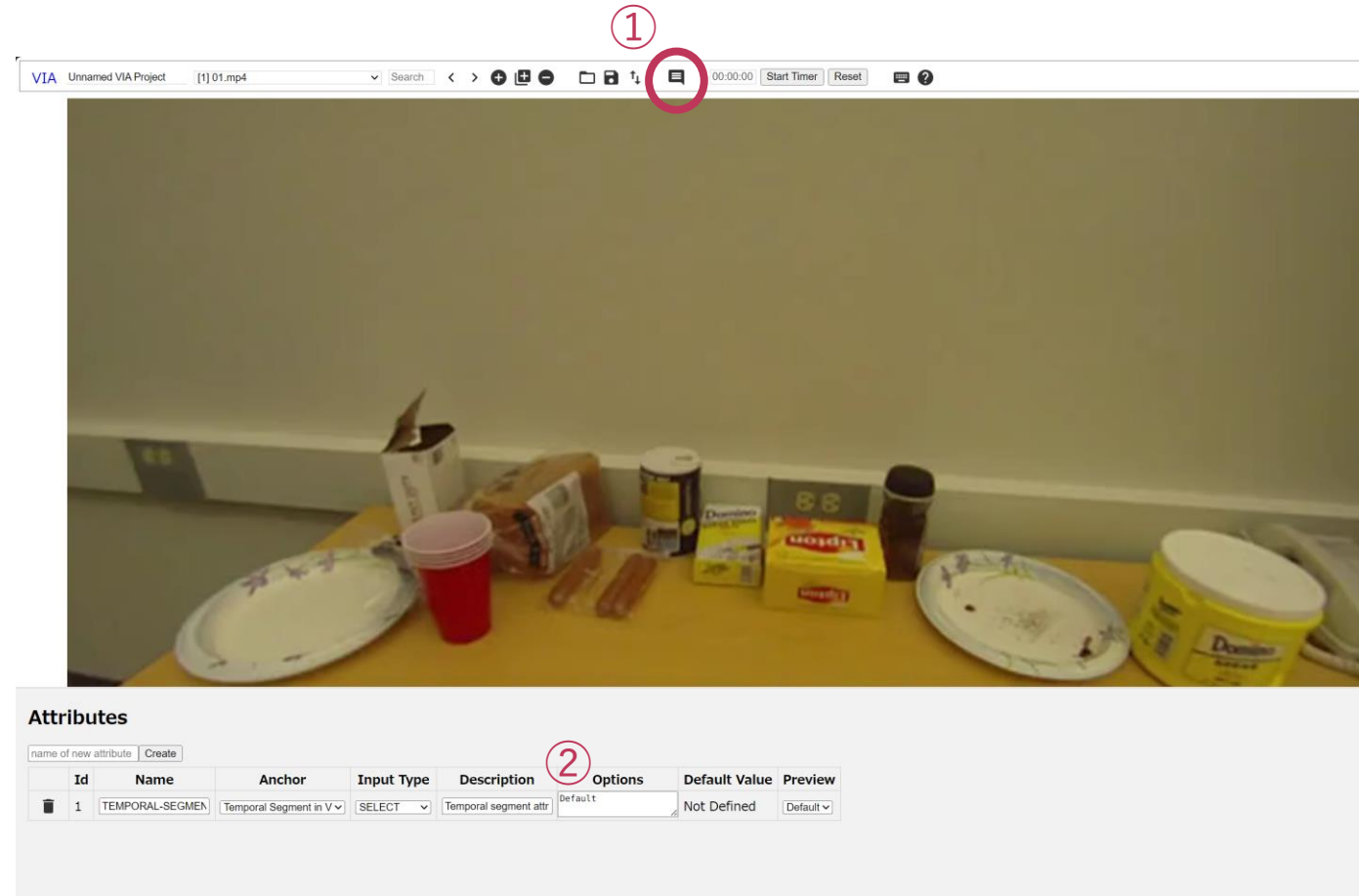| add/del Actions | Add | Del | ① 4 ⌄ | Playback: Normal ⌄ | ② Timestamp mode ☐ | ③ Skip delta (sec) 1.00 | Keyboard Shortcuts |

Annotation Operation
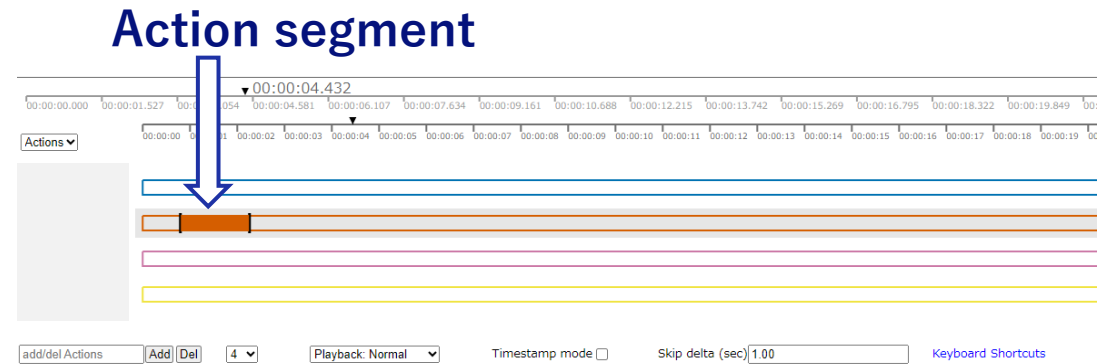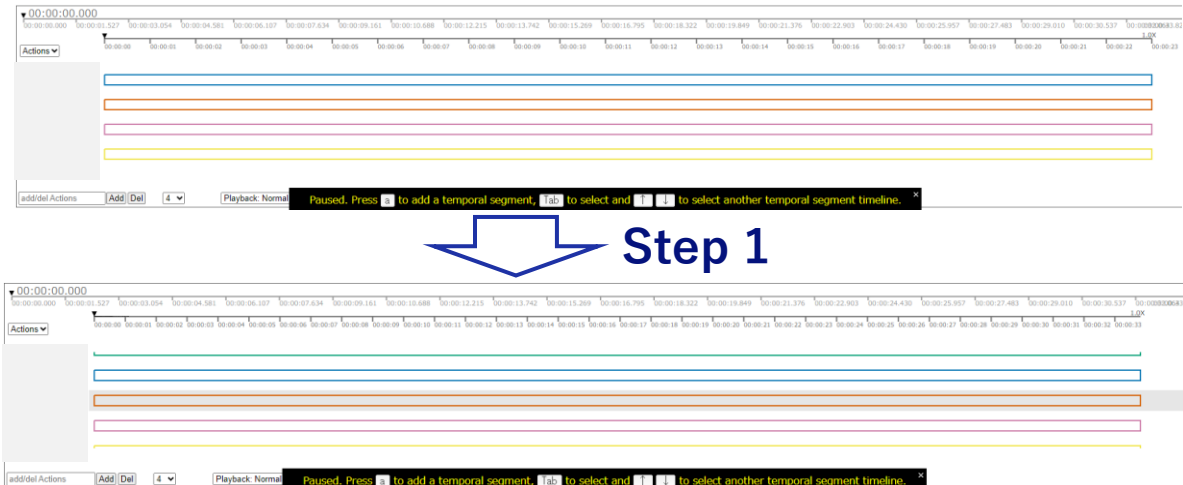
Preparation for Full/Point-Level/AAPL Annotation

◆ Steps

① Click Show/Hide Attribute Editor to show the attribute editor

② Enter the comma-separated list of action class names in "Options"

③ Hide the attribute editor

④ (Point-Level/AAPL only) Enable the timestamp mode (see "Tool Bar" for how to do this)

⑤ (AAPL only) Enter "Skip delta" (see "Tool Bar" for how to do this)

⑥ Now you are ready to annotate the video

Adding an Action Segment

1. Select an action class by click the Action Segment Bar next to the class name
2. Record the starting point of an action segment by pressing the "A" key
   - Segment of one second long starting at the current position (default mode) or a point label (timestamp mode) is recorded
3. Update the ending point of the segment by pressing "Shift + A"
   - This operation is invalid in the timestamp mode

Step 1

Action segment

Editing/Deleting an Action Segment

◆ Change the starting/ending time of an action segment

■ Two methods

1. Drag the edge of the action segment on the action segment bar

2. Select the segment by clicking it, and then press L, Shift+L, R, Shift+R
   (see the keyboard shortcut list for the effects of these keys)
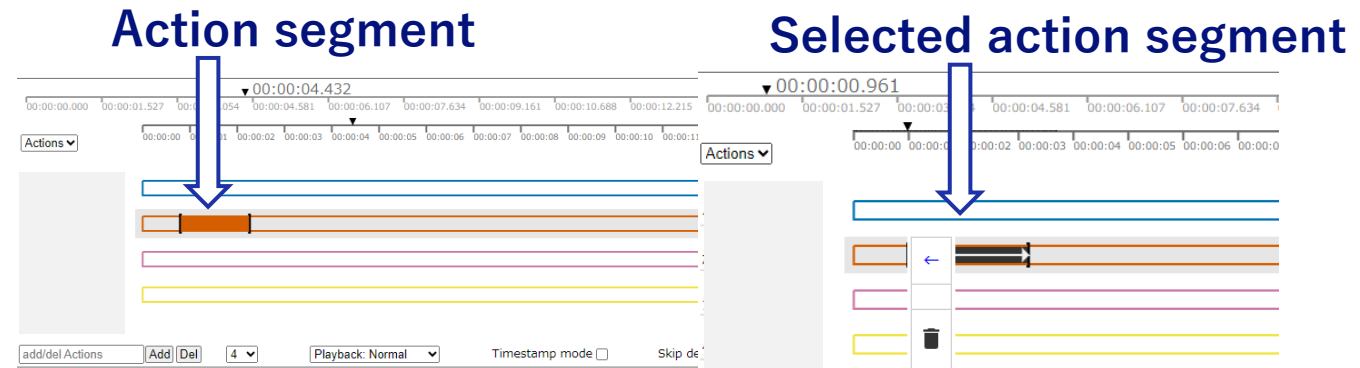
◆ Move an action segment

■ Two methods

1. Drag the body of the action segment

2. Select the segment, and
   then press the left/right arrow key

◆ Delete an action segment

■ Two methods

1. Select the segment, and click the trash bin icon

2. Select the segment, and press the backspace key

Action segment

Selected action segment

Preparation for Video-Level Annotation

◆ Steps to enter video-level labels

① Click Show/Hide Attribute Editor to show the attribute editor

② Select "Attribute of a File" in "Anchor"

③ Select "CHECKBOX" in "Input Type"

④ Enter the comma-separated list of action class names in "Options"

⑤ Video-level labels can be entered using the checkbox at the top-left of the video view