

MAIN WINDOW

Main menu offers file and edit operations

slow motion slider controls video playback speed

VIDEO WINDOW

ELEMENT WINDOW

Describes currently active track or set and shows attributes of selected element

The screenshot displays the Anvil 3.6 interface with several key components:

- File Menu:** Located at the top left, containing options like File, Edit, View, Tools, Bookmarks, and ?.
- Video Window:** Shows a video frame at 03:08:76. The current specification is D:\Research\anvil-spec\liltoua2.xml, frame 4719. A slow motion slider is visible above the video frame.
- Annotation Board:** A central area with multiple tracks:
 - take:** A timeline showing seconds and ticks.
 - wave:** An audio waveform.
 - praat:** A track for PRAAT pitch/intensity analysis.
 - tl:** A track containing track elements like 'Übersetzen', 'ich', 'spüre', 'den, poetischen', 'Still', 'den, ich bei', 'Rivas', 'aa', 'faul', 'die', 'Bernadur'.
 - th2:** A track with elements like 'metaphoric, heart, 2H', 'iconic smash, 2H', 'emblem, so-what, 2H'.
 - ling:** A track with elements like 'prep', 'hold', 'stroke', 'hold', 'prep', 'stroke'.
 - posture:** A track with elements like 'phrase', 'metaphoric, heart, 2H', 'iconic smash, 2H', 'emblem, so-what, 2H'.
 - gesture:** A track with elements like 'phrase', 'metaphoric, heart, 2H', 'iconic smash, 2H', 'emblem, so-what, 2H'.
- Element Window:** Located at the bottom right, showing details for the selected track 'gesture: phrase'. It includes attributes like category (iconic), iconic type (smash), handedness (2H), and color (Rivas). It also has buttons for start, edit, end, cut, extend, and del.

specification used by current annotation

current time and frame in video

video controls playback with frame-by-frame control

zoom in/out of annotation board

track contains track elements

active track is highlighted blue

group contains tracks or other groups

track element controls jump to first/previous/next/last element of the active track

record line (green) used to mark the start position of a new element (end position marked by playback line)

ANNOTATION BOARD
Displays all tracks and groups in time-alignment; color-coded elements can be inserted and modified here

linked elements are highlighted on the board as well as in the element window (user-defined color-coding)

timeline seconds and frames (ticks)

audio waveform

PRAAT pitch/intensity can be imported and displayed in a track

playback line (red) current position in the video

Anvil Quick Reference

Aim	Steps	Explanation
Create an annotation	File > Open	Open a video file (AVI or MOV).
	File > New annotation	Anvil will ask you to enter the path to your specification.
	Enter track elements	Place the red line at the beginning of the new element and press “start” in the Element Window. Then, place the red line at the end and press “end”. Anvil will ask you to specify the element’s attributes.
Modify track elements	Delete or edit	Select a track element and press “del” or “edit” in the Element Window .
	Change size	Place red line to where you want the left/right border of an element be moved. Then press “cut” or “extend” in the Element Window .
Change layout	Edit > Options...	Having changed the position and size of the windows, press “Take over” in the line “Window layout”. Anvil will preserve the new layout. To go back to standard layout, select “Reset”.
Search	Edit > Search active track	In the upcoming window you can add search criteria in the form of attribute values.
Import PRAAT files	File > Open	Anvil can read three types of PRAAT Short text files: (a) TextGrid files contain annotations, (b) PitchTier files contain pitch and (c) IntensityTier files contain intensity.
Bookmarks	Bookmarks > Add bookmark	Places bookmark at position of the red line. The bookmark will appear in the “Bookmarks” menu and can be clicked to return to this point.
View options	View > Video size	Video size can be set to different percentages. Anvil will re-size other windows respectively (unless layout is user-defined!)
	View > Show comment	If switched off, the free-form track element comments will not be shown in the Element Window .
	Collapsing groups	Groups can be collapsed to make the annotation more readable by double-clicking on the group or selecting View > Groups > ...
Java version	? > Info	Displays versions of your operating system, Java and JMF.
Create project	Tools > Project Tool	Starts Project Tool which is good for browsing and searching a number of annotations.
	Add annotation files	Add annotation files in the Project Tool by pressing “add” and then save the project with File > Save .
	Search all annotations	Now you can search all annotations of the project using Edit > Find track elements .