

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

specification
used by current
annotation

current time and
frame in video

video controls
playback with frame-
by-frame control

zoom
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

playback line (red)
current position in the
video

The screenshot displays the Anvil 3.6 software interface. At the top, the 'MAIN WINDOW' contains a menu bar (File, Edit, View, Tools, Bookmarks) and a status area with video specifications: 'Loading video: IV50, 384x288, FrameRate=25', 'Video frame rate: 25.0', 'Audio format: LINEAR, 22050.0 Hz, 8-bit, Mono', and 'Duration: 03:43:92 (5597 frames)'. Below this is a 'Current specification' field showing a file path and the current time '03:08:76' at 'frame 4719'. The 'VIDEO WINDOW' shows a video player with a man in a suit. The 'ELEMENT WINDOW' on the right shows details for 'Track: gesture.phrase', including attributes like 'category: iconic', 'handedness: 2H', and 'cooc: Rivas'. The 'ANNOTATION BOARD' at the bottom features a timeline from 03:06 to 03:11 with tracks for 'take', 'wave', 'praat', 'trl', 'trl2', 'ling', 'posture', 'phase', 'phrase', and 'gesture'. A green record line and a red playback line are visible. A PRAAT pitch/intensity waveform is overlaid on the 'trl' track.

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

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 .