gradio

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make_waveform

`gradio.make_waveform(audio, ···)`

Description

Generates a waveform video from an audio file. Useful for creating an easy to share audio visualization. The output should be passed into a `gr.Video` component.

Initialization

Parameter	Description
`audio` *str | tuple[int, np.ndarray]* ***required***	Audio file path or tuple of (sample_rate, audio_data)
`bg_color` *str* **default: "#f3f4f6"**	Background color of waveform (ignored if bg_image is provided)
`bg_image` *str | None* **default: None**	Background image of waveform
`fg_alpha` *float* **default: 0.75**	Opacity of foreground waveform

meter	Description
bars_color *str | tuple[str, str]* **default: ('#fbbf24', '#ea580c')**	Color of waveform bars. Can be a single color or a tuple of (start_color, end_color) of gradient
bar_count *int* **default: 50**	Number of bars in waveform
bar_width *float* **default: 0.6**	Width of bars in waveform. 1 represents full width, 0.5 represents half width, etc.
animate *bool* **default: False**	If true, the audio waveform overlay will be animated, if false, it will be static.

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Status X