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import UIKit
import AVFoundation
import DSWaveformImage

class WaveAudioView: UIView, UIScrollViewDelegate {

    @IBOutlet weak var scrollView: UIScrollView!

    var waveformImageView: WaveformImageView?

    public class func instanceFromNib() -> WaveAudioView
    {
        let bundle = Bundle(for: WaveAudioView.self)
        return UINib(nibName: "WaveAudioView", bundle:
bundle).instantiate(withOwner: nil, options: nil)[0] as! WaveAudioView
    }

    public override func awakeFromNib()
    {
        super.awakeFromNib()
        scrollView.delegate = self
    }

    override public func loadView(parentView: UIView? = nil)
    {
        if let url = URL(string: fileDetails?.url ?? "")
        {
            initWaveformImageView(url: url)
        }
    }

    func initWaveformImageView(url: URL)
    {
        waveformImageView = WaveformImageView(frame: CGRect(x:
UIScreen.main.bounds.width/2, y: 0, width: 2000, height: 40))
        scrollView.addSubview(waveformImageView!)
        scrollView.contentSize = CGSize(width:
waveformImageView!.frame.width + UIScreen.main.bounds.width , height:
40)

        waveformImageView?.waveformColor = UIColor(red: 51/255.0,
green: 92/255.0, blue: 103/255.0, alpha: 1)
        waveformImageView?.waveformStyle = .striped
        waveformImageView?.waveformAudioURL = url
    }

    //.....

```

}