

用到的知识点

CoreLocation

CLLocation

coordinate

latitude

longitude

altitude

speed

verticalAccuracy

CLGeocoder

reverseGeocodeLocation

CLPlacemark

country

administrativeArea

locality

subLocality

thoroughfare

CLHeading

magneticHeading

CoreMotion

CMAltimeter

pressure

CMMotionManager

CMDeviceMotion

DeviceOrientationChange
Notification

AVFoundation

AVCaptureSession

AVCaptureDevice

focusPointOfInterest

videoZoomFactor

AVCaptureDeviceInput

AVCapturePhotoOutput

AVCaptureConnection

videoOrientation

from CoreMotion

UIDeviceOrientationDidChangeNotification not called when the screen orientation is locked.

AVCapturePhoto

CImage

Crop

Compose a new image with a watermark

save or share

AVCaptureVideoDataOutput

AVCaptureConnection

videoOrientation

from CoreMotion

UIDeviceOrientationDidChangeNotification not called when the screen orientation is locked.

CMSampleBuffer

CVPixelBuffer

CImage

Preview

rotate when device orientation changed

put watermark in right position

CoreImage

Crop

CISourceOverCompositing