Accelerate / SinglePlanePixelFormat

Protocol

SinglePlanePixelFormat

A pixel format that contains a single underlying vImage buffer.

iOS 16.0+ | iPadOS 16.0+ | Mac Catalyst | macOS 13.0+ | tvOS 16.0+ | visionOS | watchOS 9.0+

```
protocol SinglePlanePixelFormat : PixelFormat
```

Relationships

Inherits From

`PixelFormat`

Inherited By

`InitializableFromCGImage`, `StaticPixelFormat`

Conforming Types

```
vImage.DynamicPixelFormat
vImage.Interleaved16Fx2
vImage.Interleaved16Fx4
vImage.Interleaved16Ux2
vImage.Interleaved16Ux4
vImage.Interleaved8x2
vImage.Interleaved8x3
vImage.Interleaved8x4
vImage.InterleavedFx2
vImage.InterleavedFx3
```

```
vImage.InterleavedFx4
vImage.Planar16F
vImage.Planar16U
vImage.Planar8
vImage.PlanarF
```

See Also

Protocols

`protocol` `InitializableFromCGImage`

    A pixel format that supports initialization from a Core Graphics image.

`protocol` `MultiplePlanePixelFormat`

    A pixel format that contains multiple homogeneous planes represented by multiple underlying vImage buffers.

`protocol` `PixelFormat`

    A pixel buffer pixel format.

`protocol` `StaticPixelFormat`

    A pixel format that's known at compile time.