Structure

vDSP.VectorizableDouble

A structure that represents a double-precision real value for biquadratic filtering and discrete Fourier transforms.

iOS 13.0+ | iPadOS 13.0+ | Mac Catalyst | macOS 10.15+ | tvOS 13.0+ | visionOS | watchOS 6.0+

```swift
struct VectorizableDouble
```

Topics

Default Implementations

☰ vDSP_BiquadFunctions Implementations

☰ vDSP_DFTFunctions Implementations

Relationships

Conforms To

`Copyable`, `vDSP_BiquadFunctions`, `vDSP_DFTFunctions`

See Also

Data types

typealias vDSP_Length

An unsigned-integer value that represents the size of vectors and the indices of elements in vectors.

typealias vDSP_Stride

An integer value that represents the differences between indices of elements, including the lengths of strides.

struct DSPComplex

A structure that represents a single-precision complex value.

typealias COMPLEX_SPLIT

struct DSPDoubleComplex

A structure that represents a double-precision complex value.

typealias DOUBLE_COMPLEX_SPLIT

struct DSPSplitComplex

A structure that represents a single-precision complex vector with the real and imaginary parts stored in separate arrays.

struct DSPDoubleSplitComplex

A structure that represents a double-precision complex vector with the real and imaginary parts stored in separate arrays.

struct VectorizableFloat

A structure that represents a single-precision real value for biquadratic filtering and discrete Fourier transforms.