Structure

vDSP.VectorizableFloat

A structure that represents a single-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+

```
struct VectorizableFloat
```

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` `VectorizableDouble`

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