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API Collection

Vector clear and fill functions

Populate vectors with zeros or a scalar value.

Topics

Clearing Vectors

```
static func clear<V>(inout V)
```

Populates a double-precision vector with zeros.

```
static func clear<V>(inout V)
```

Populates a single-precision vector with zeros.

```
vDSP_vclr
```

Populates a single-precision vector with zeros.

```
vDSP_vclrD
```

Populates a double-precision vector with zeros.

Filling Vectors with a Single Scalar Value

```
static func fill<V>(inout V, with: Double)
```

Populates a double-precision vector with a specified scalar value.

```
static func fill<V>(inout V, with: Float)
```

Populates a single-precision vector with a specified scalar value.

```
vDSP_vfill
```

Populates a single-precision vector with a specified scalar value.

`vDSP_vfillD`

Populates a double-precision vector with a specified scalar value.

`vDSP_vfilli`

Populates an integer vector with a specified scalar value.

`vDSP_zvfill`

Populates a complex single-precision vector with a specified scalar value.

`vDSP_zvfillD`

Populates a complex double-precision vector with a specified scalar value.

See Also

Vector generation, filling, and clearing



Vector generation

Populate vectors with ramps, values from lookup tables, interpolated values, and window functions.