

Documentation

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API Collection

Collection Implementations

Topics

Instance Properties

```
var count: Int
var endIndex: Int
var first: Self.Element?
var indices: DefaultIndices<Self>
var isEmpty: Bool
var startIndex: Int
var underestimatedCount: Int
```

Instance Methods

```
func distance(from: Self.Index, to: Self.Index) -> Int
func drop(while: (Self.Element) throws -> Bool) rethrows -> Self.SubSequence
func dropFirst(Int) -> Self.SubSequence
func dropLast(Int) -> Self.SubSequence
func firstIndex(of: Self.Element) -> Self.Index?
```

```
func firstIndex(where: (Self.Element) throws -> Bool) rethrows -> Self.Index?

func firstRange<C>(of: C) -> Range<Self.Index>?

func formIndex(inout Self.Index, offsetBy: Int)

func formIndex(inout Self.Index, offsetBy: Int, limitedBy: Self.Index) -> Bool

func formIndex(after: inout Self.Index)

func index(Self.Index, offsetBy: Int) -> Self.Index

func index(Self.Index, offsetBy: Int, limitedBy: Self.Index) -> Self.Index?

func index(after: Int) -> Int

func index(of: Self.Element) -> Self.Index? Deprecated

func indices(of: Self.Element) -> RangeSet<Self.Index>

func indices(where: (Self.Element) throws -> Bool) rethrows -> RangeSet<Self.Index>

func makeIterator() -> IndexingIterator<Self>

func map<T, E>((Self.Element) throws(E) -> T) throws(E) -> [T]

func prefix(Int) -> Self.SubSequence

func prefix(through: Self.Index) -> Self.SubSequence

func prefix(upTo: Self.Index) -> Self.SubSequence

func prefix(while: (Self.Element) throws -> Bool) rethrows -> Self.SubSequence

func randomElement() -> Self.Element?

func randomElement<T>(using: inout T) -> Self.Element?

func ranges<C>(of: C) -> [Range<Self.Index>]

func removingSubranges(RangeSet<Self.Index>) -> DiscontiguousSlice<Self>
```

```
func split(maxSplits: Int, omittingEmptySubsequences: Bool, where  
Separator: (Self.Element) throws -> Bool) rethrows -> [Self.Sub  
Sequence]
```

```
func split(separator: Self.Element, maxSplits: Int, omittingEmpty  
Subsequences: Bool) -> [Self.SubSequence]
```

```
func suffix(Int) -> Self.SubSequence
```

```
func suffix(from: Self.Index) -> Self.SubSequence
```

```
func trimmingPrefix<Prefix>(Prefix) -> Self.SubSequence
```

```
func trimmingPrefix(while: (Self.Element) throws -> Bool) rethrows -  
> Self.SubSequence
```

Subscripts

```
subscript(Int) -> RouterPath.Element
```
