

[SwiftUI](#) / [LazyVStack](#)

## Structure

# LazyVStack

A view that arranges its children in a line that grows vertically, creating items only as needed.

iOS 14.0+ | iPadOS 14.0+ | Mac Catalyst 14.0+ | macOS 11.0+ | tvOS 14.0+ | visionOS 1.0+ | watchOS 7.0+

```
struct LazyVStack<Content> where Content : View
```

## Mentioned in

-  [Grouping data with lazy stack views](#)
-  [Picking container views for your content](#)
-  [Creating performant scrollable stacks](#)
-  [Displaying data in lists](#)

## Overview

The stack is “lazy,” in that the stack view doesn’t create items until it needs to render them onscreen.

In the following example, a [ScrollView](#) contains a LazyVStack that consists of a vertical row of text views. The stack aligns to the leading edge of the scroll view, and uses default spacing between the text views.

```
ScrollView {  
    LazyVStack(alignment: .leading) {  
        ForEach(1...100, id: \.self) {  
            Text("Row \($0)")  
        }  
    }  
}
```

```
    }  
}  
}
```

# Topics

## Creating a lazy-loading vertical stack

```
init(alignment: HorizontalAlignment, spacing: CGFloat?, pinnedViews:  
PinnedScrollableViews, content: () -> Content)
```

Creates a lazy vertical stack view with the given spacing, vertical alignment, pinning behavior, and content.

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## Relationships

### Conforms To

View

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## See Also

### Dynamically arranging views in one dimension

- 📄 Grouping data with lazy stack views  
Split content into logical sections inside lazy stack views.
- 📄 Creating performant scrollable stacks  
Display large numbers of repeated views efficiently with scroll views, stack views, and lazy stacks.

#### struct LazyHStack

A view that arranges its children in a line that grows horizontally, creating items only as needed.

#### struct PinnedScrollableViews

A set of view types that may be pinned to the bounds of a scroll view.