

AdvTimePicker

Overview

The AdvTimePicker `struct` is a SwiftUI view representing an advanced time picker with customizable options such as time scale, 12/24-hour format, label positioning, and the ability to handle events like hiding the dropdown and resetting focus. The picker is designed to be used with a specific license, and its appearance and behavior are tailored based on various parameters.

Example Code

```
public init(selectedTime: Binding<Time> ,
            timeScale: TimeScale,
            use12HourFormat: Bool = false,
            label: String = "",
            image: ImageType = .none,
            help: String = "",
            placeholder: String = "",
            labelPosition: LabelPosition = .topLeading,
            isRequired: Bool = false,
            hasFocus: Bool = false,
            maxDropdownHeight: CGFloat = 400,
            defaultWidth: CGFloat = 100,
            onSelected: ((_ option: Time) -> Void)? = nil)
```

Parameters:

- selectedTime: Binding to track the selected time.
- timeScale: The time scale for the picker.
- use12HourFormat: Flag indicating whether to use the 12-hour time format.
- label: Label for the time picker.
- image: Type of image to be displayed.
- help: Help text for the time picker.
- placeholder: Placeholder text for the time picker.
- labelPosition: Position of the label in the view.
- isRequired: Flag indicating whether the time picker is required.
- hasFocus: Flag indicating whether the time picker should have initial focus.
- maxDropdownHeight: Maximum height of the dropdown.
- defaultWidth: Default width of the time picker.
- onSelected: Closure to be executed when a time is selected.

Example Usage

```
let advTimePicker = AdvTimePicker(
    selectedTime: $selectedTime,
    timeScale: .minutes,
    use12HourFormat: true,
    label: "Select Time",
    image: .clock,
    help: "Choose a time from the available options",
    placeholder: "No time selected",
    labelPosition: .topLeading,
    isRequired: true,
    hasFocus: true,
    maxDropdownHeight: 400,
    defaultWidth: 100,
    onSelected: { selectedTime in
        // Handle selected time
    }
)

let contentView: some View = {
    AdvTimePicker(
        selectedTime: $selectedTime,
        timeScale: .minutes,
        use12HourFormat: true,
        label: "Select Time",
        image: .clock,
        help: "Choose a time from the available options",
        placeholder: "No time selected",
        labelPosition: .topLeading,
        isRequired: true,
        hasFocus: true,
        maxDropdownHeight: 400,
        defaultWidth: 100,
        onSelected: { selectedTime in
            // Handle selected time
        }
    )
}()
```

```
let contentView: some View = {
    ZPanel(
        toolbarName: "ExampleToolbar",
        alignment: .topLeading,
        padding: 10,
        toolbarItems: Binding.constant([NavigationItem]()),
        toolbars: [.back, .forward],
        updateToolbar: .constant(false)
    ) {
        Text("Panel Content")
    }
}()
```