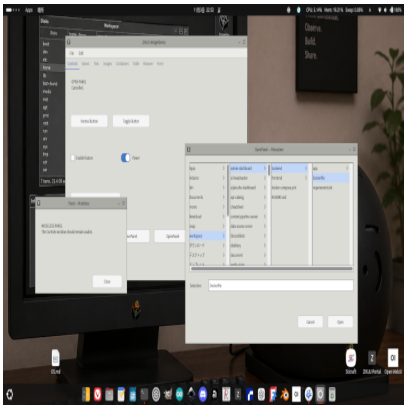


OpenStepã•?æ?»ã•£ã•¦ã••ã•?

Description

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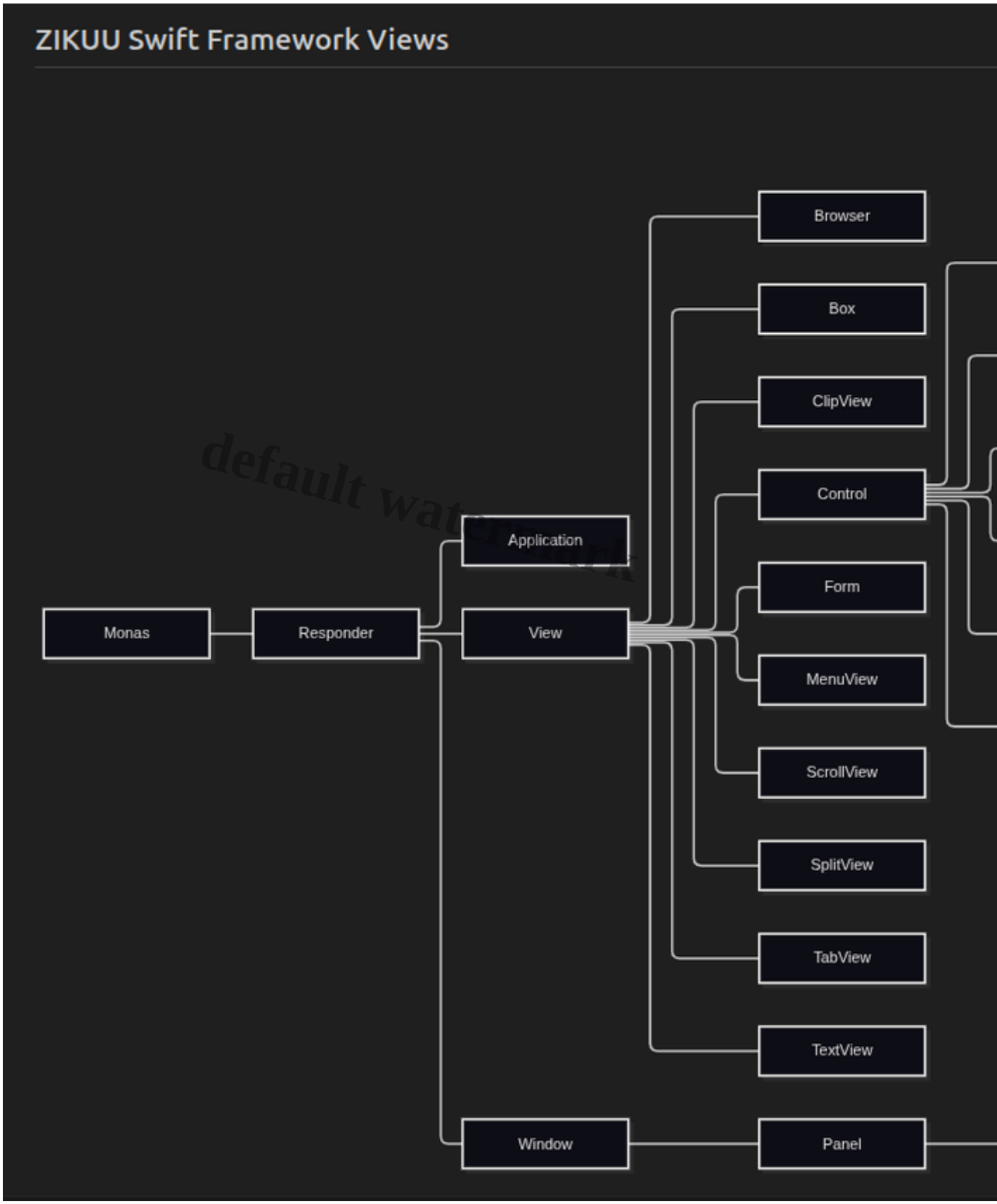
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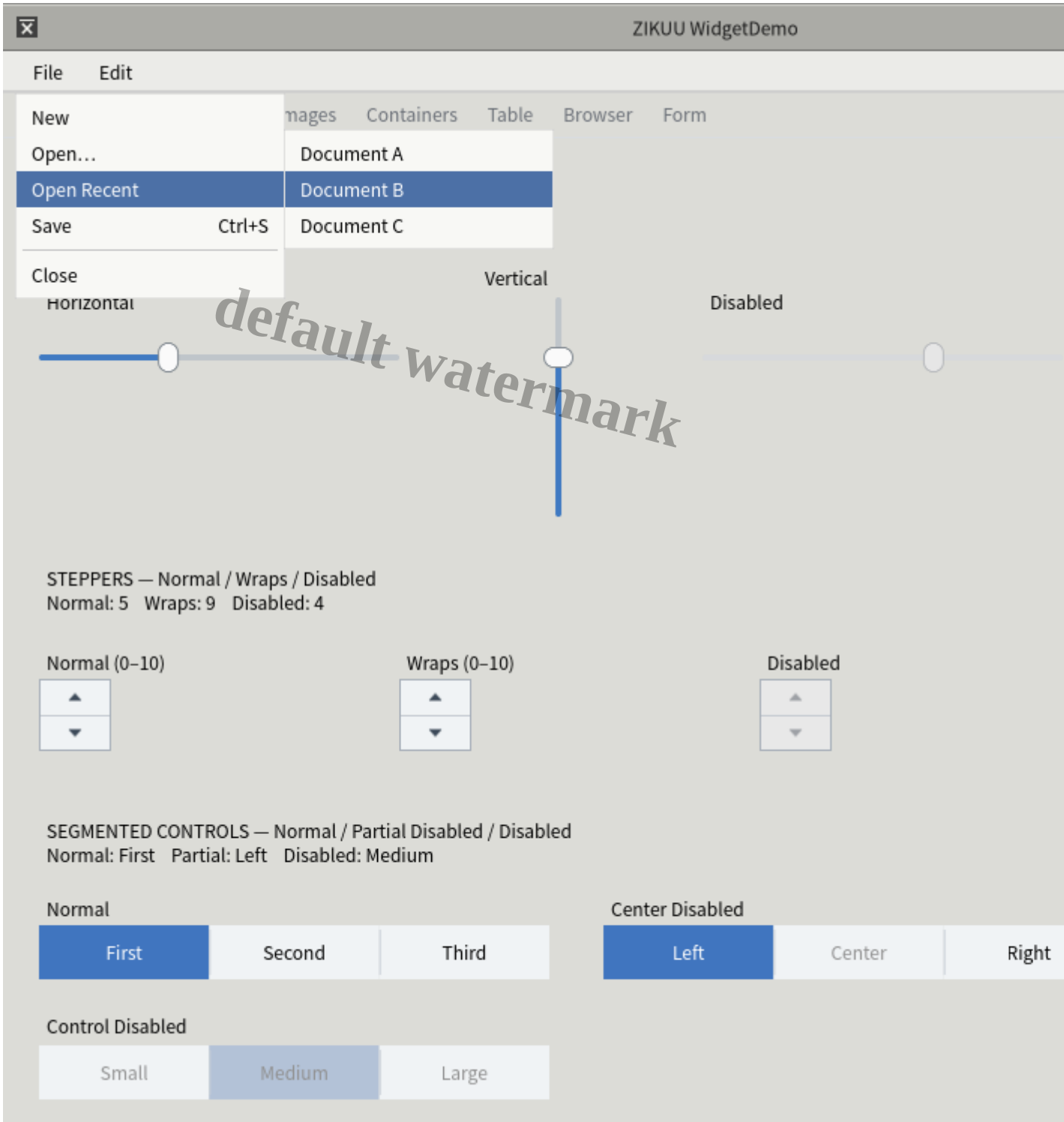
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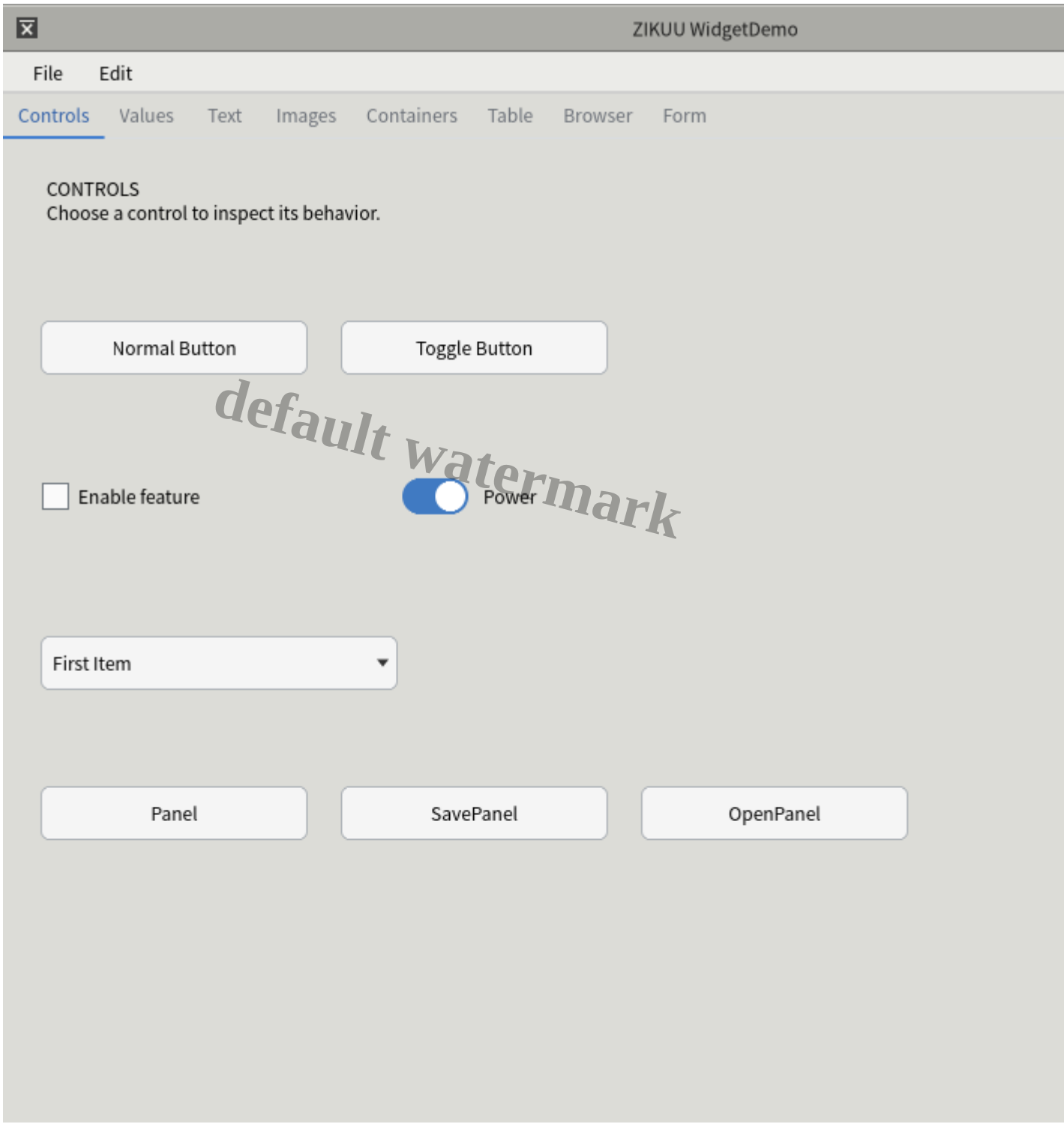
Menuã•¨MenuBar

OpenStep APIã•¨ã•¯ã?¯ã?©ã?¹æ§?æ?ã•?ç?°ã•ªã??ã??
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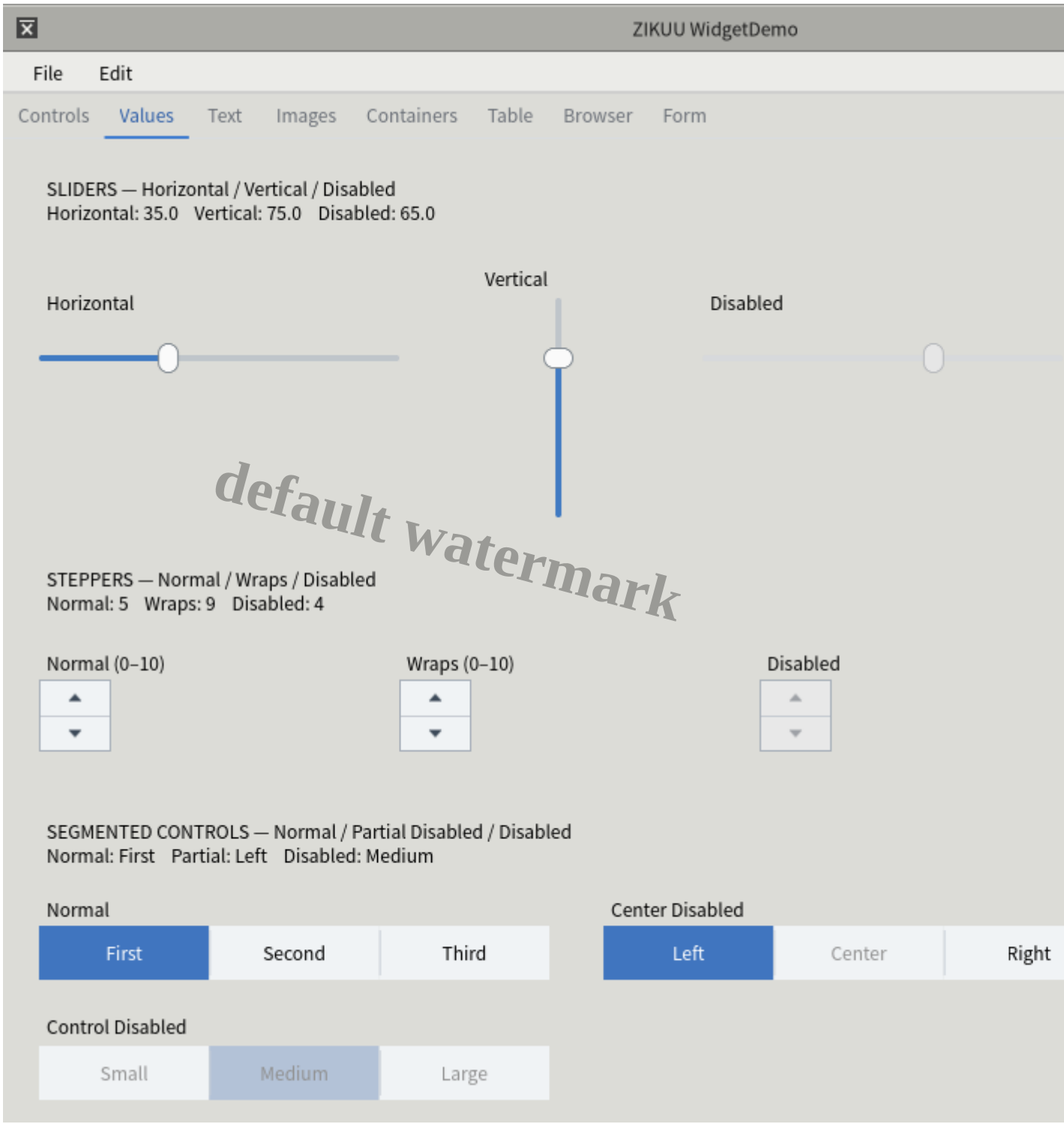


Control

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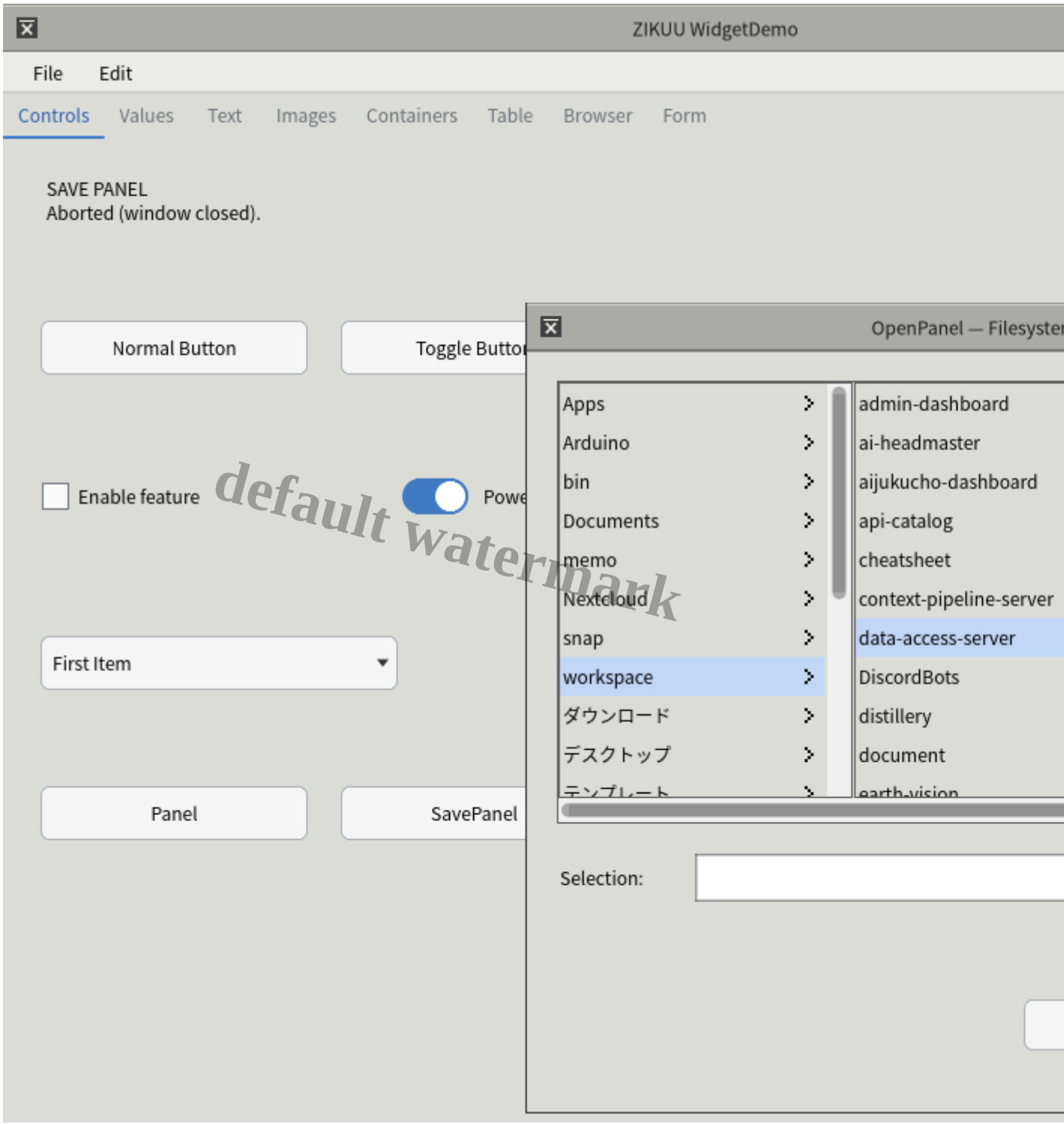


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Panel

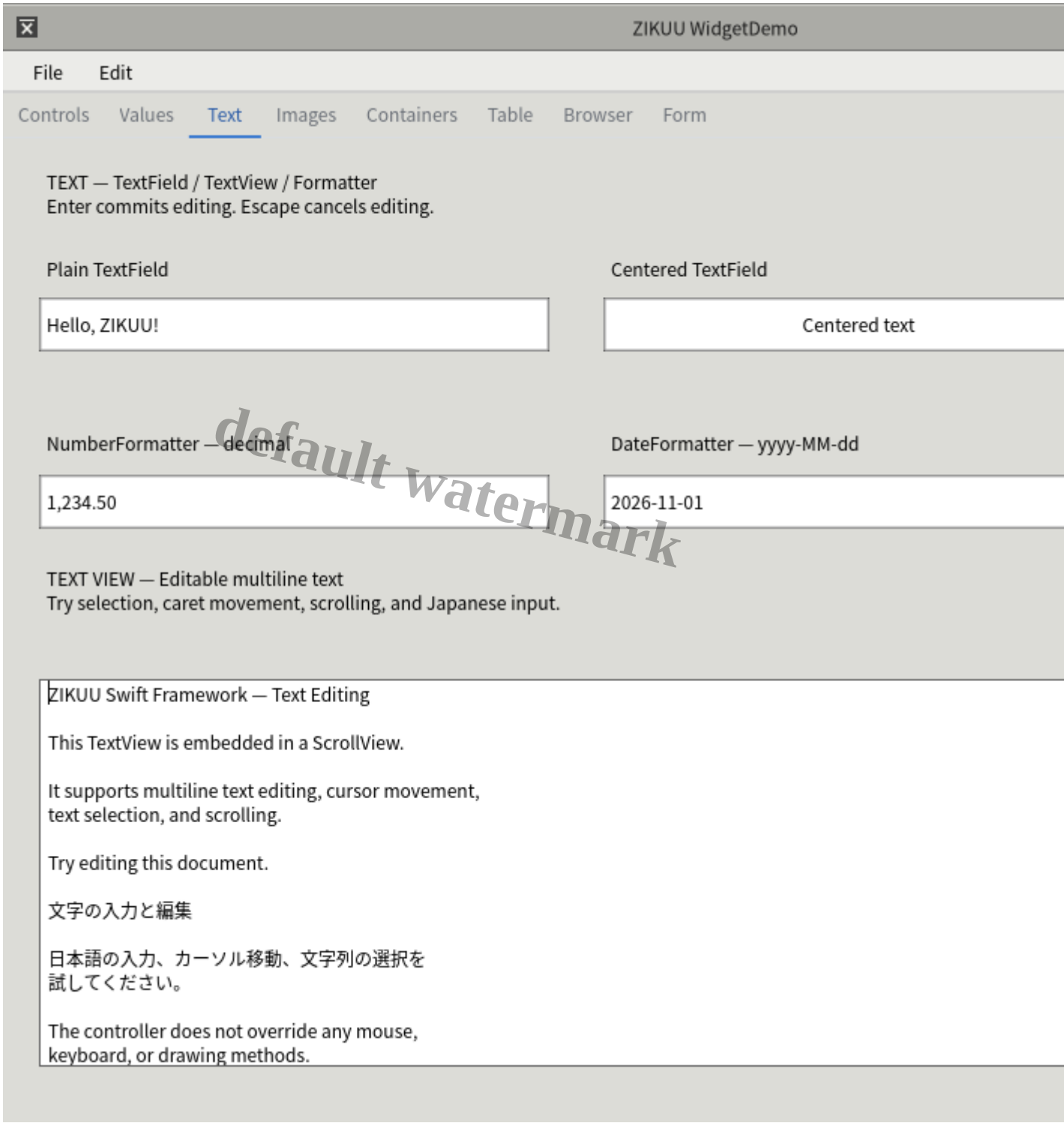
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Text

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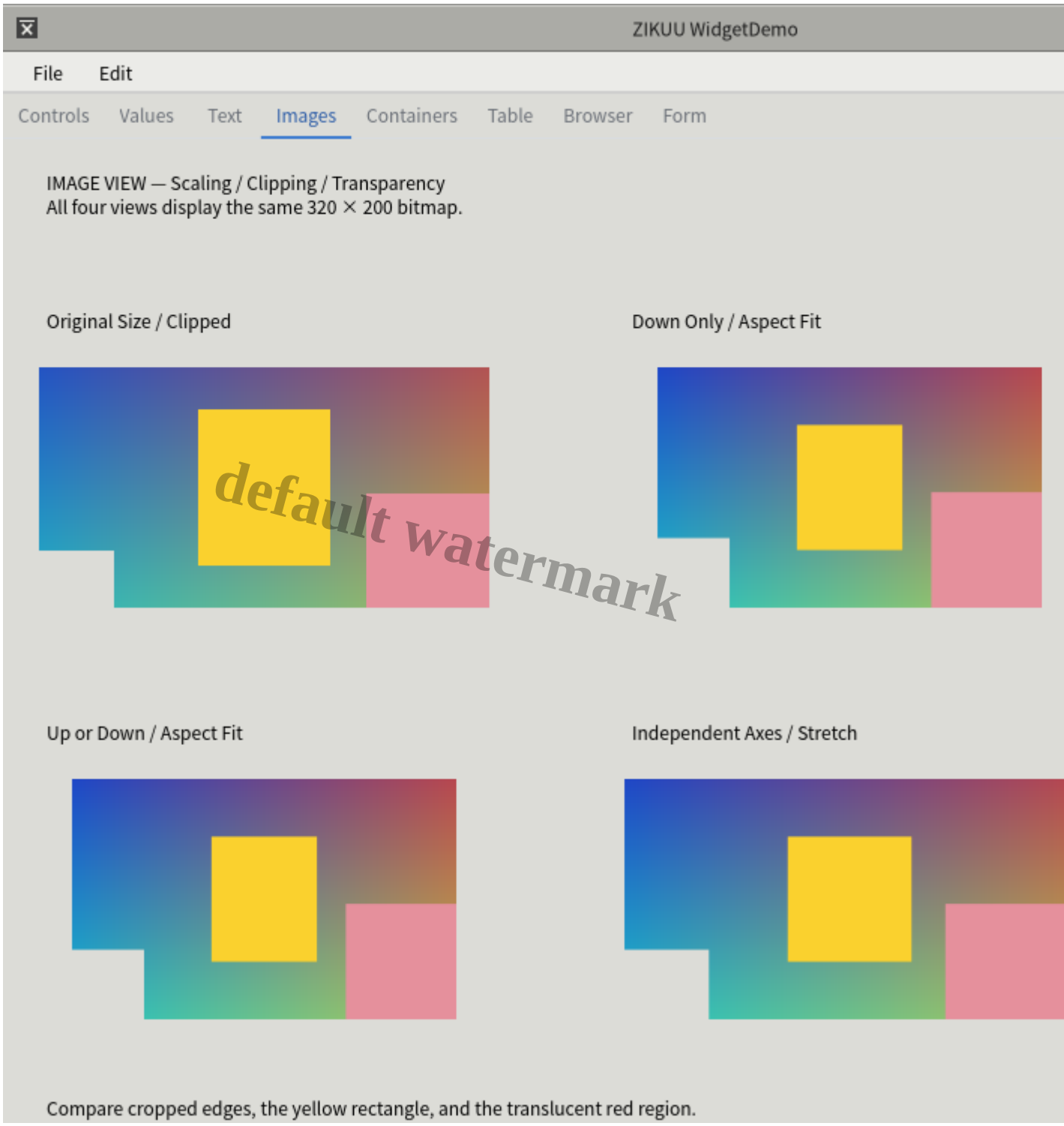
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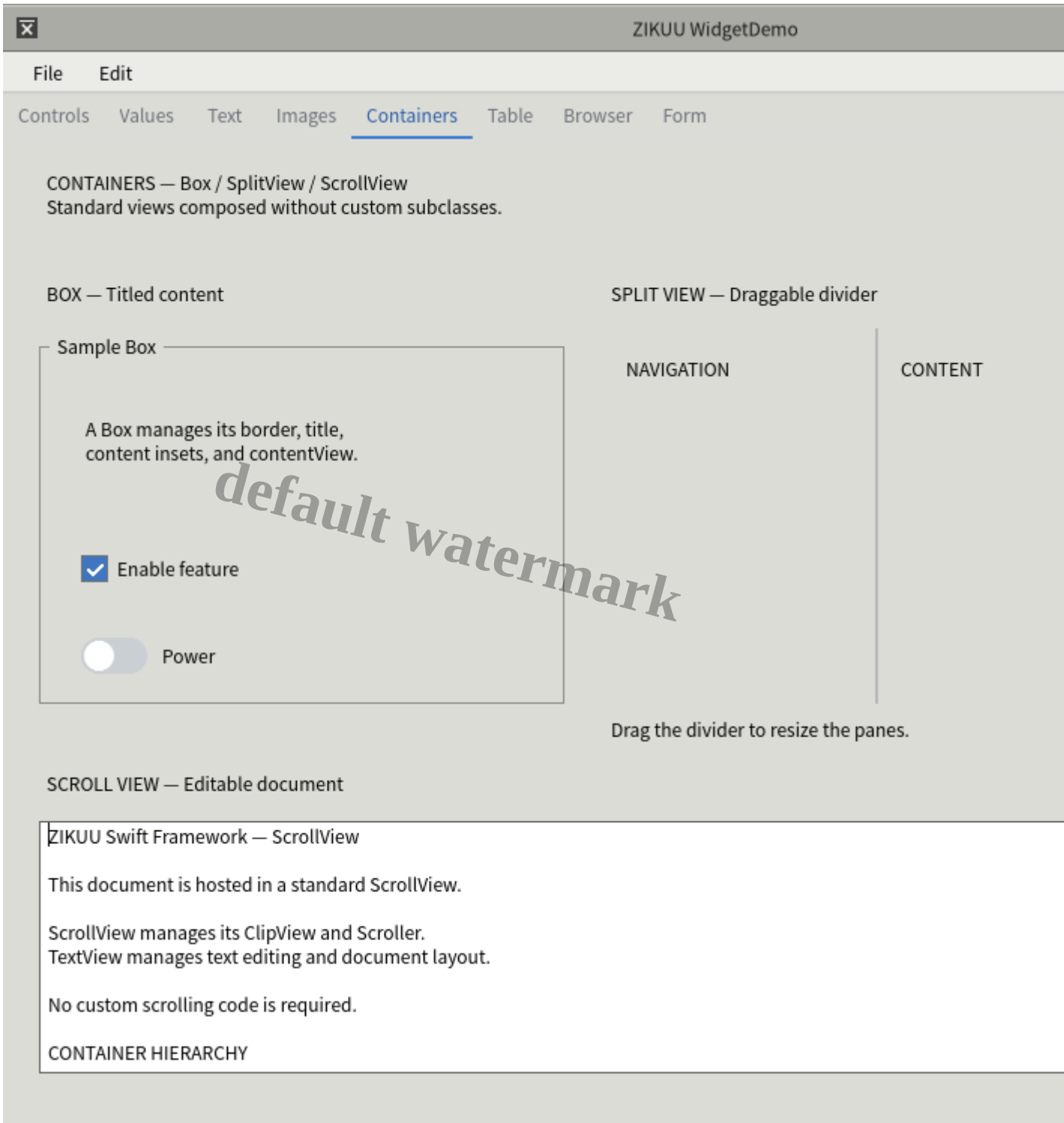
Image

ImageViewã•¨ImageRepã•®å®?è£ ã??
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Container

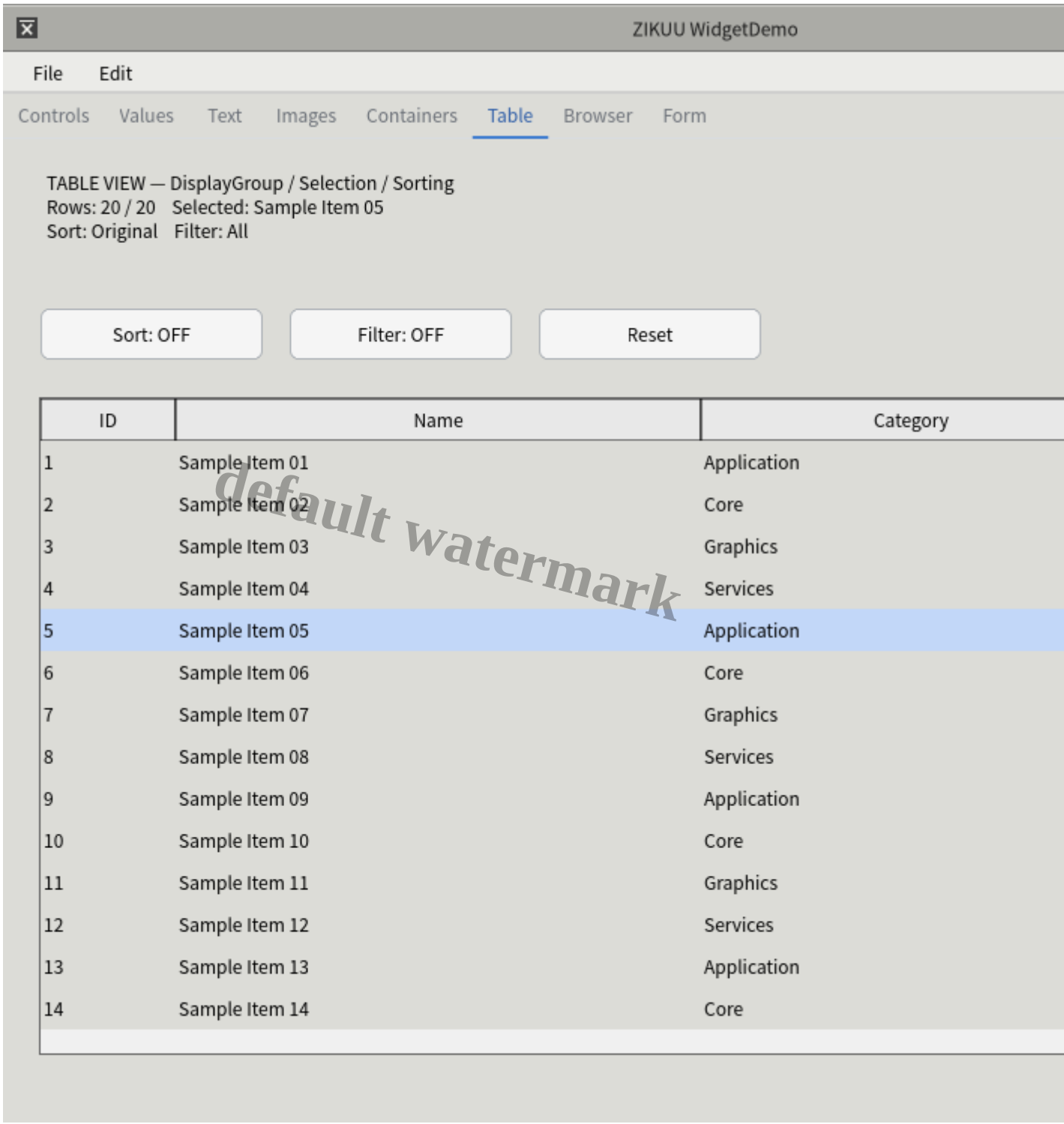
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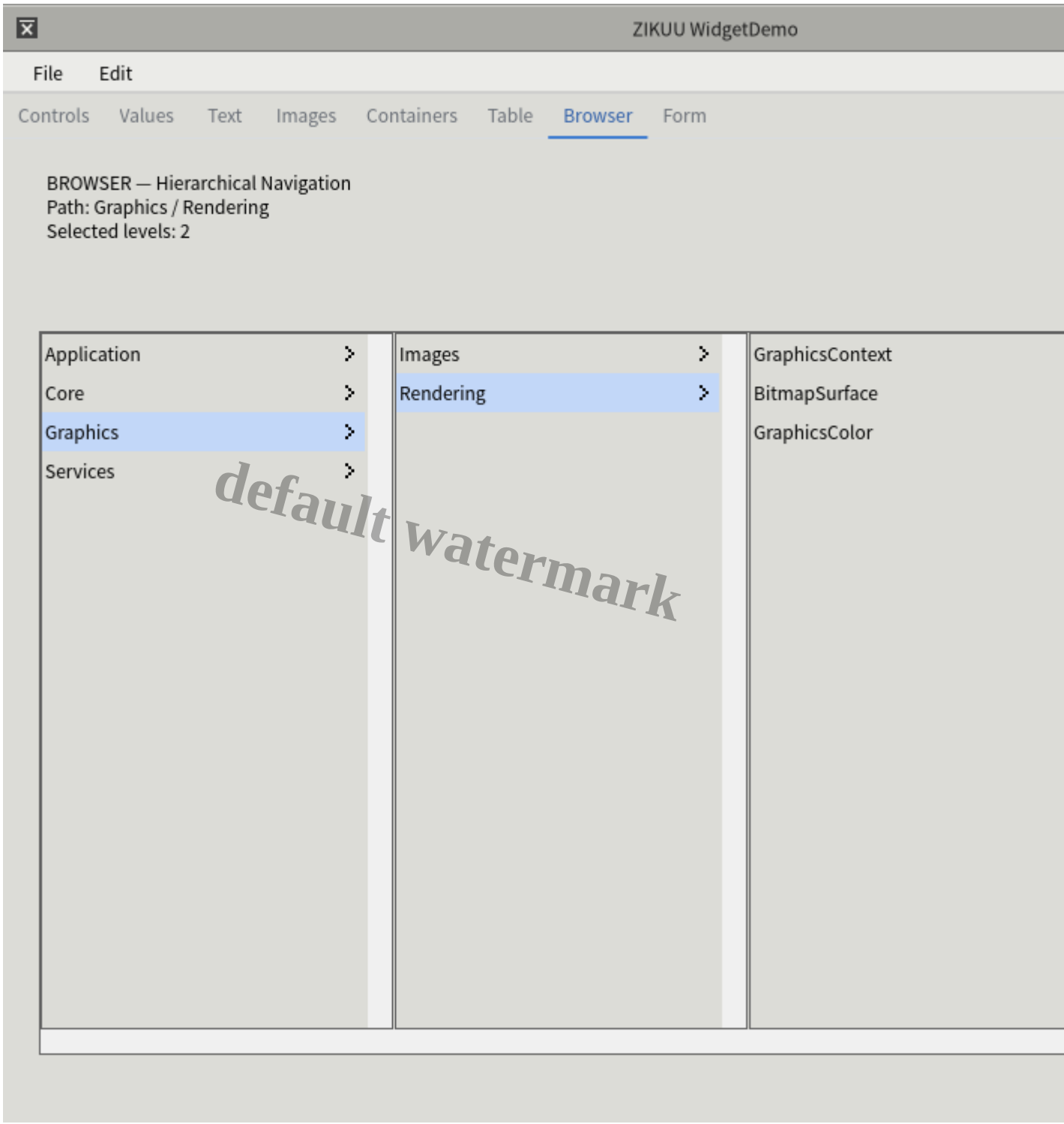
TableView

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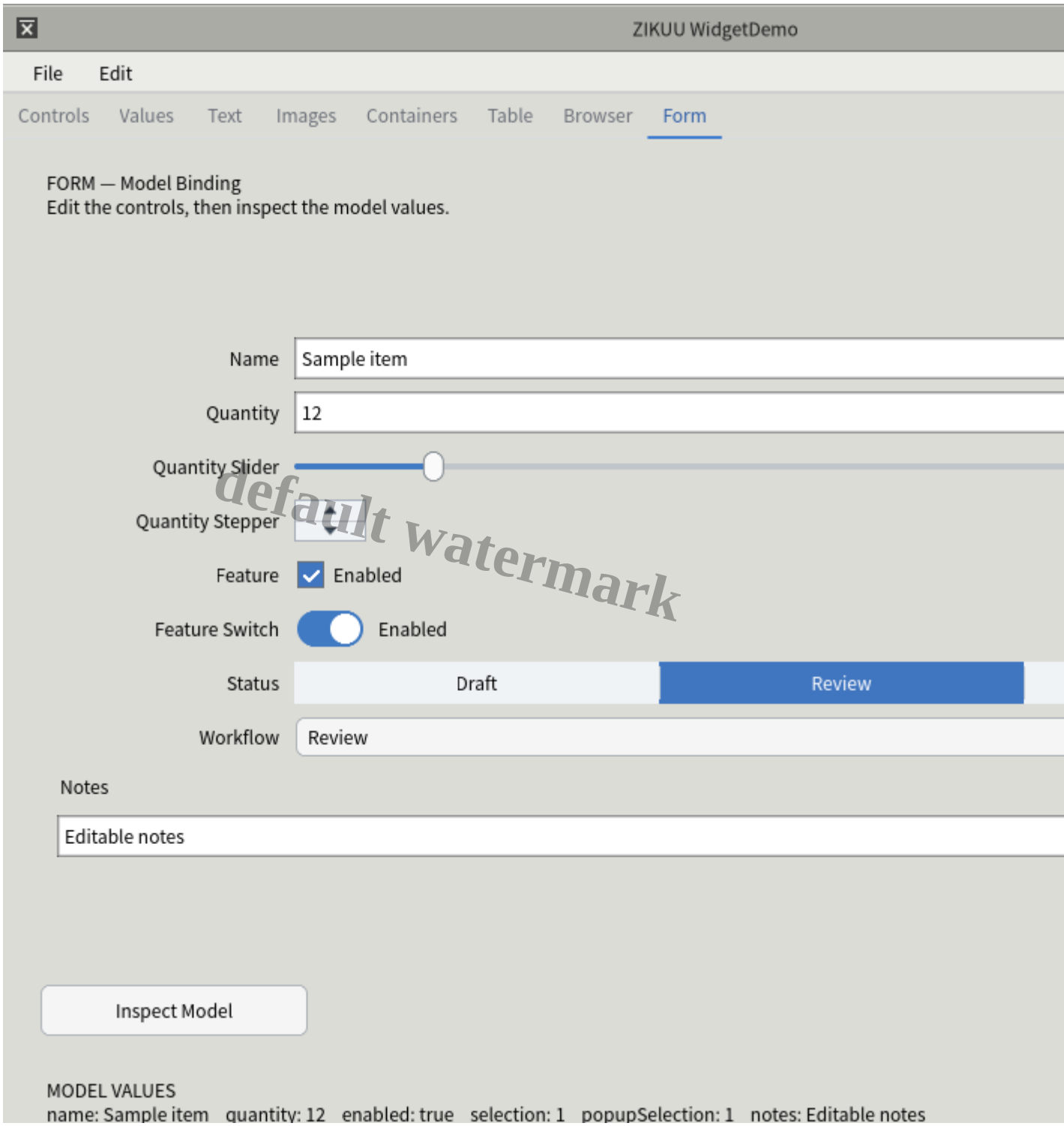
Browser

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Form

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Interface Builderç?¸å½?ã•®ã?¢ã??ã?ªã?±ã?¼ã?·ã?§ã?³ã•?ã•ªã•?ã•®ã•§ã?•ç•¾æ??ç?¹ã•§ã•¯ã?³ã?³ã?•ã?¼ã?•ã?³ã??ã??ã?³ã?¼ã??ã??æ?¸ã•?ã•¦ã•¤ã•ªã•?ã??å¿ è¦•ã•?ã•?ã??ã??ä¸?ã•®ã?³ã?¼ã??ã•¯ã?•ã•?ã•®ã?µã?³ã??ã?«ã?¢ã??ã?ªã?±ã?¼ã?·ã?§ã?³ã•® main ã•®ã??ã•®ã?? Swiftã•§iOS/MacOSã•®ã?¢ã??ã?ªã?±ã?¼ã?·ã?§ã?³ã??é??ç?ºã•?ã•¦ã•?ã??æ?¹ã•ªã??ã?•ã??ã•?ã•?ã?•ã•?ã??ã•?ã?•ã•¨æ??ã•?ã??ã•®ã•§ã•¯ãªã•?ã•?ã•¨æ?•ã•?ã??

```
import ZIKUU
import Application
import Core
import Foundation


// ã?¢ã??ã?ªã?±ã?¼ã?·ã?§ã?³å?±æ??ã?¤ã?³ã?¹ã?¿ã?³ã?¹
let app = Application.shared

// ã?¢ã??ã?ªã?±ã?¼ã?·ã?§ã?³ã??ã?ã??ã?£ã?¼ã?«
let profile = ApplicationProfile.desktop(
    windowSystem: .auto,
    decoration: preferredWindowStyle(),
    renderer: .cairo
)

guard app.configure(profile) else {
    fatalError("Failed to configure WidgetDemo application")
}

// X11ã?•ã??ã?¯ã?¨ã?³ã??ã•¾ã•?ã•¯Waylandã?•ã??ã?¯ã?¨ã?³ã??ã•¨æ?¥ç¶?ã•?ã??
guard app.installDesktopBackend() else {
    fatalError("Failed to install desktop backend")
}

// ã?µã?³ã??ã?«ã?³ã?³ã??ã?ã?¼ã?©ã?¼
let controlsController = ControlsController()
let valuesController = ValuesController()
let textController = TextController()
let imagesController = ImagesController()
let containersController = ContainersController()
let tableController = TableController()
let browserController = BrowserController()
let formController = FormController()

// ã?¡ã?¤ã?³ã?¦ã?£ã?³ã??ã?¦ç??æ?•
let window = Window()
window.title = "ZIKUU WidgetDemo"
window.initialSize = (width: 800, height: 800)


// Saveã?¡ã??ã?¥ã?¼ã•®ã?¿ã?¼ã?²ã??ã??
final class SaveActionTarget: Monas {
    static let saveSelector = Selector("save")

    static func registerActions() throws {
        try registerMethod(
            saveSelector,
            signature: MethodSignature.signature(
                argumentTypes: [],
                returnType: MethodType(Void.self)
            ),
            handler: { _, _ in
                print("SAVE ACTION EXECUTED")
                return ()
```

default watermark

```
            }
        )
    }
}

try SaveActionTarget.registerActions()
let saveActionTarget = SaveActionTarget()

// ã?¡ã??ã?¥ã?¼ã•®æ§?ç¯?
let mainMenu = Menu(title: "Main Menu")

let fileMenu = Menu(title: "File")
fileMenu.addItem(MenuItem(title: "New"))
fileMenu.addItem(MenuItem(title: "Openâ?¦"))

let recentMenu = Menu(title: "Open Recent")
recentMenu.addItem(MenuItem(title: "Document A"))
recentMenu.addItem(MenuItem(title: "Document B"))
recentMenu.addItem(MenuItem(title: "Document C"))

let recentItem = MenuItem(title: "Open Recent")
recentItem.submenu = recentMenu
fileMenu.addItem(recentItem)

let saveItem = MenuItem(title: "Save")
saveItem.keyEquivalent = "s"
saveItem.keyModifiers = [.control]
saveItem.action = SaveActionTarget.saveSelector
saveItem.target = saveActionTarget
fileMenu.addItem(saveItem)

fileMenu.addItem(MenuItem.separator())
fileMenu.addItem(MenuItem(title: "Close"))

let fileItem = MenuItem(title: "File")
fileItem.submenu = fileMenu
mainMenu.addItem(fileItem)

let editMenu = Menu(title: "Edit")
editMenu.addItem(MenuItem(title: "Undo"))
editMenu.addItem(MenuItem(title: "Redo"))
editMenu.addItem(MenuItem.separator())
editMenu.addItem(MenuItem(title: "Cut"))
editMenu.addItem(MenuItem(title: "Copy"))
editMenu.addItem(MenuItem(title: "Paste"))

let editItem = MenuItem(title: "Edit")
editItem.submenu = editMenu
mainMenu.addItem(editItem)

window.menuBarView = MenuBarView(menu: mainMenu, frame: Rect(x: 0, y: 0, width

// ã??ã?¥ã?¼ã•®é?•ç½®
let rootView = View(frame: Rect(x: 0, y: 0, width: 800, height: 800))
```

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```
let tabView = TabView(frame: rootView.bounds)
tabView.autoresizingMask = [.flexibleWidth, .flexibleHeight]

tabView.addTabViewItem(TabViewItem(label: "Controls", view: controlsController
tabView.addTabViewItem(TabViewItem(label: "Values", view: valuesController.vie
tabView.addTabViewItem(TabViewItem(label: "Text", view: textController.view))
tabView.addTabViewItem(TabViewItem(label: "Images", view: imagesController.vie
tabView.addTabViewItem(TabViewItem(label: "Containers", view: containersContro
tabView.addTabViewItem(TabViewItem(label: "Table", view: tableController.view)
tabView.addTabViewItem(TabViewItem(label: "Browser", view: browserController.v
tabView.addTabViewItem(TabViewItem(label: "Form", view: formController.view))

rootView.addSubview(tabView)
window.contentView = rootView

// ã?¦ã?£ã?³ã??ã?¦ã•®è¡¨ç¤º
window.makeKeyAndOrderFront(nil)

// ã?©ã?³ã?«ã?¼ã??é??å§?
app.run()

// ã?¦ã?£ã?³ã??ã?¦ã?¹ã?¿ã?¤ã?«æ§?æ?•
func preferredWindowStyle() -> WindowDecorationStyle {
    let arguments = CommandLine.arguments

    if let index = arguments.firstIndex(of: "--window-style"),
       arguments.indices.contains(index + 1) {
        return parseWindowStyle(arguments[index + 1])
    }

    if let argument = arguments.first(where: {
        $0.hasPrefix("--window-style=")
    }) {
        let value = String(
            argument.dropFirst("--window-style=".count)
        )
        return parseWindowStyle(value)
    }

    if let value = ProcessInfo.processInfo.environment[
        "ZIKUU_WINDOW_STYLE"
    ] {
        return parseWindowStyle(value)
    }

    return .zikuu
}

func parseWindowStyle(
    _ value: String
) -> WindowDecorationStyle {
    switch value.lowercased() {
    case "system":
        return .system
```

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```
    case "zikuu":
        return .zikuu

    default:
        return .zikuu
    }
}
```

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Category

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Tags

1. Linux
2. OPENSTEP
3. Swift
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Date Created
2026å¹´11æ??4æ?¥
Author
kazuo-tsubaki