

fyne
conf
2025

Welcome

September 19th 2025



I just want to build an app...

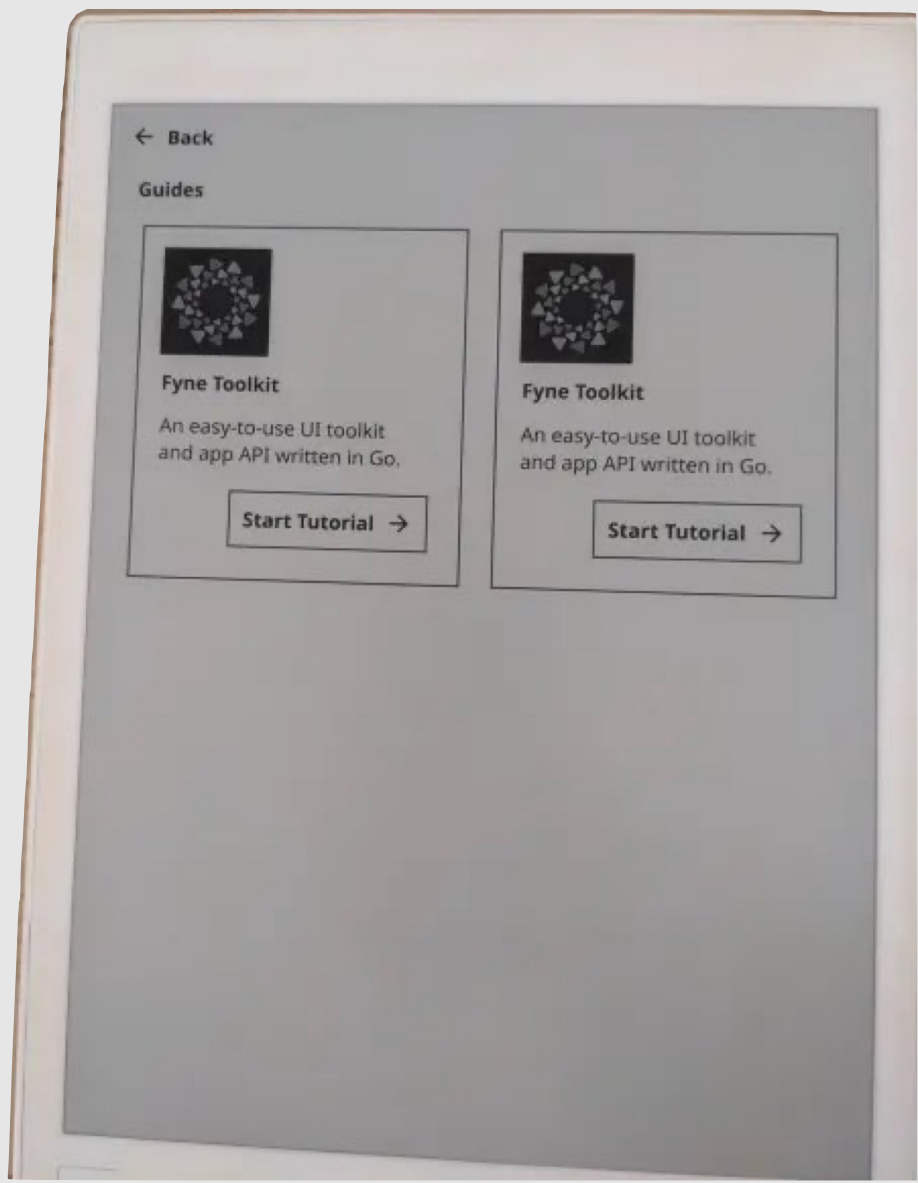
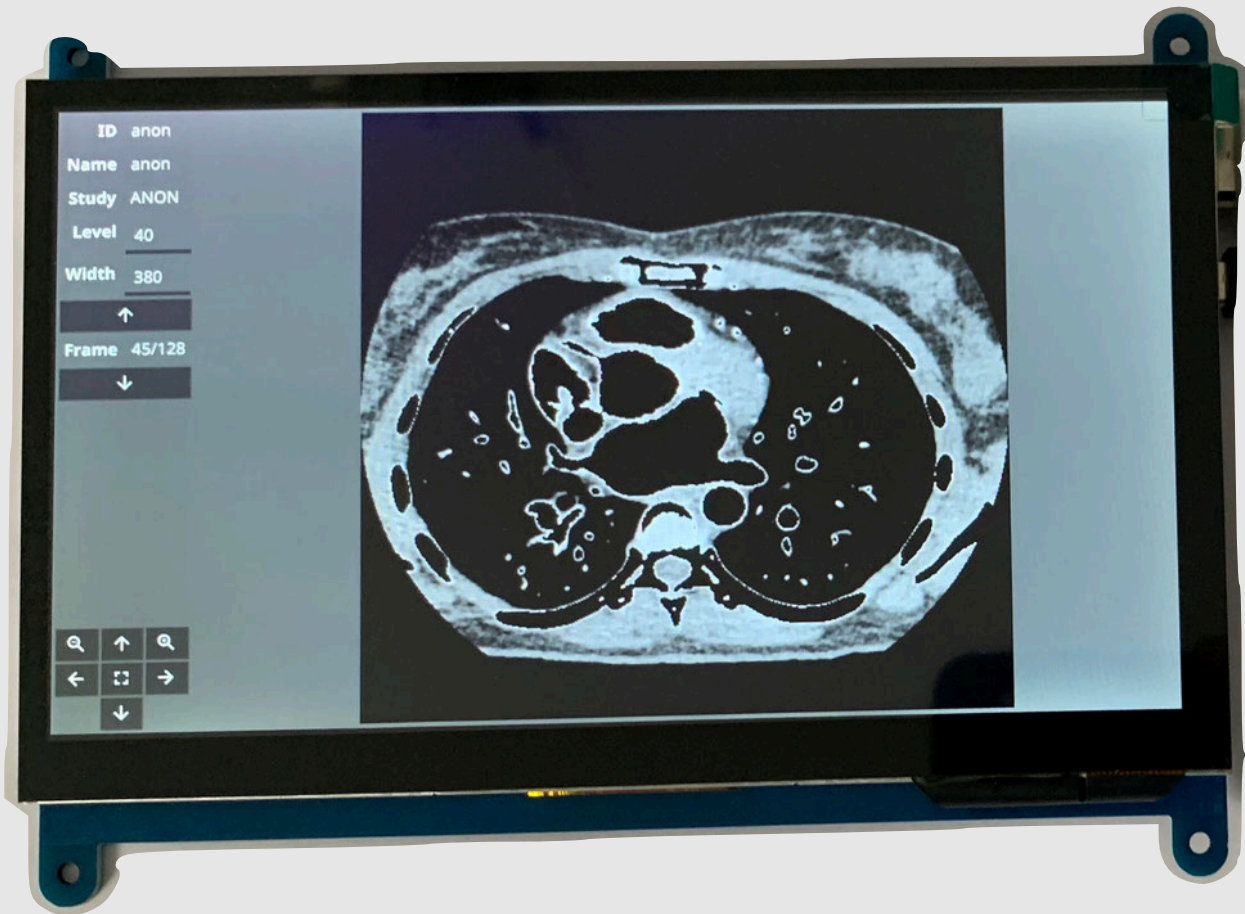




Photo by [Guneet Jassal](#) on [Unsplash](#)



Fyne Vision



"To be the best toolkit for easily developing beautiful, native graphical applications for desktop, mobile and beyond."

Fix app development for everyone, forever

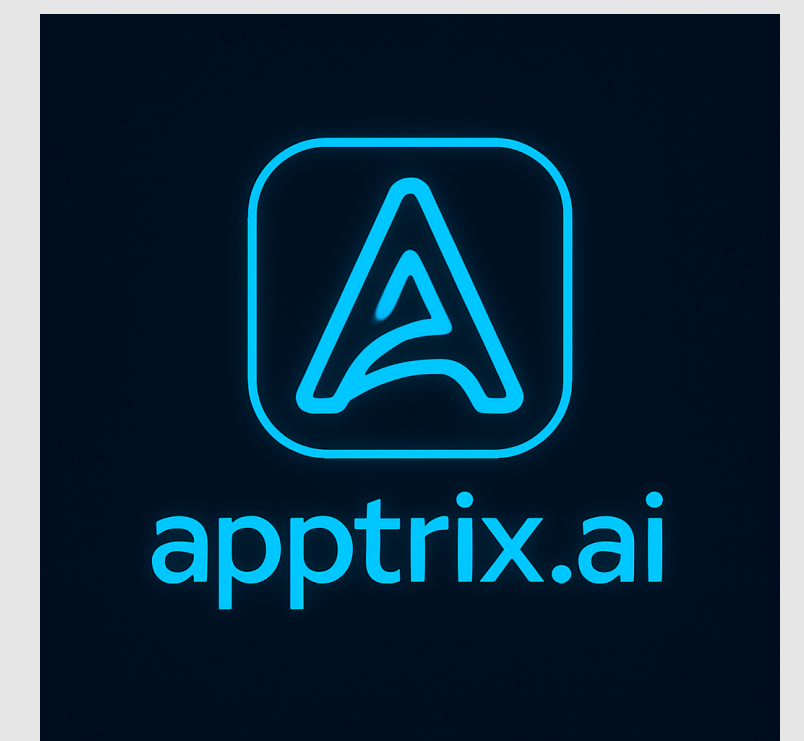
<https://fyne.io/>

Welcome to Fyne Conf 2025!

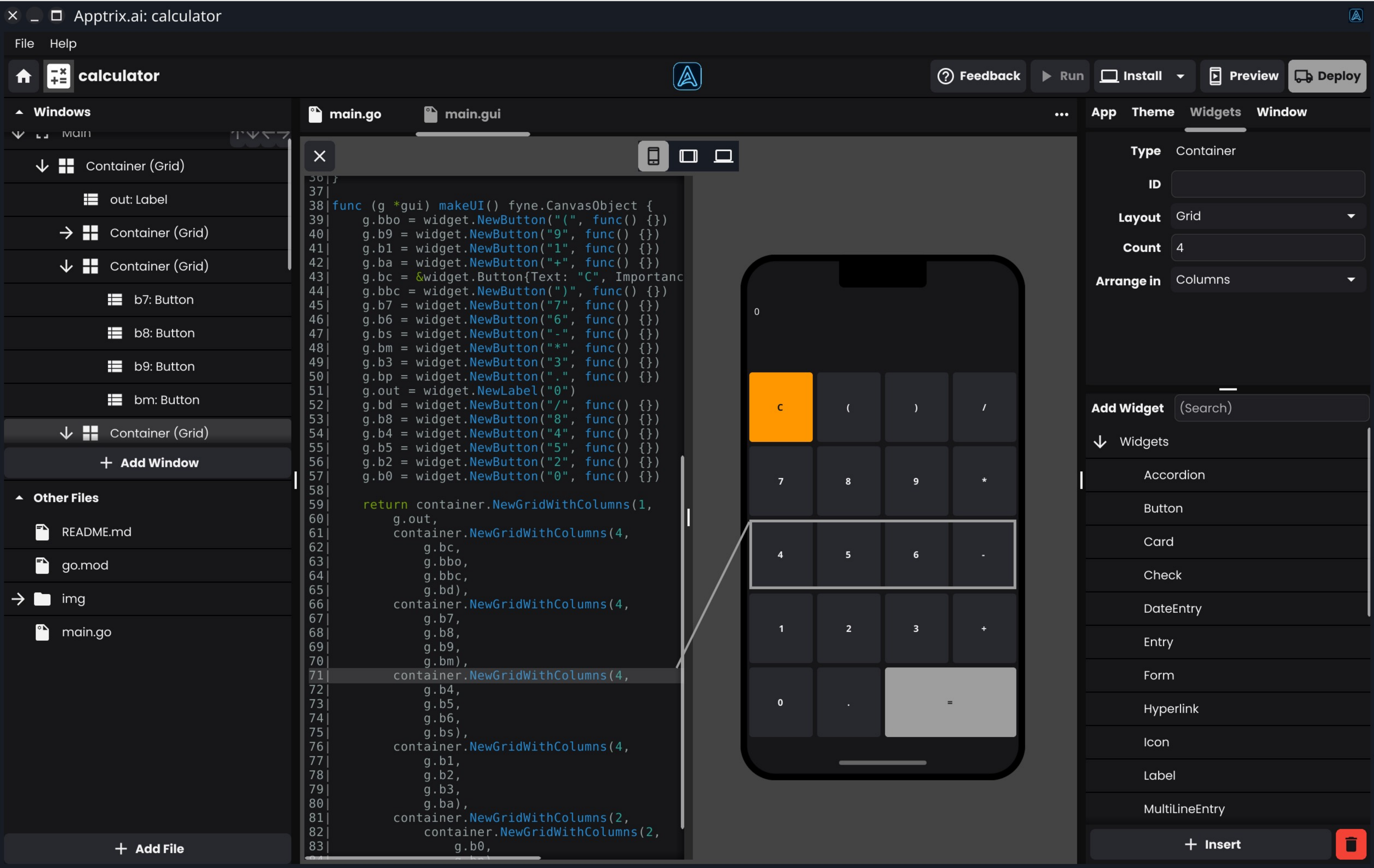


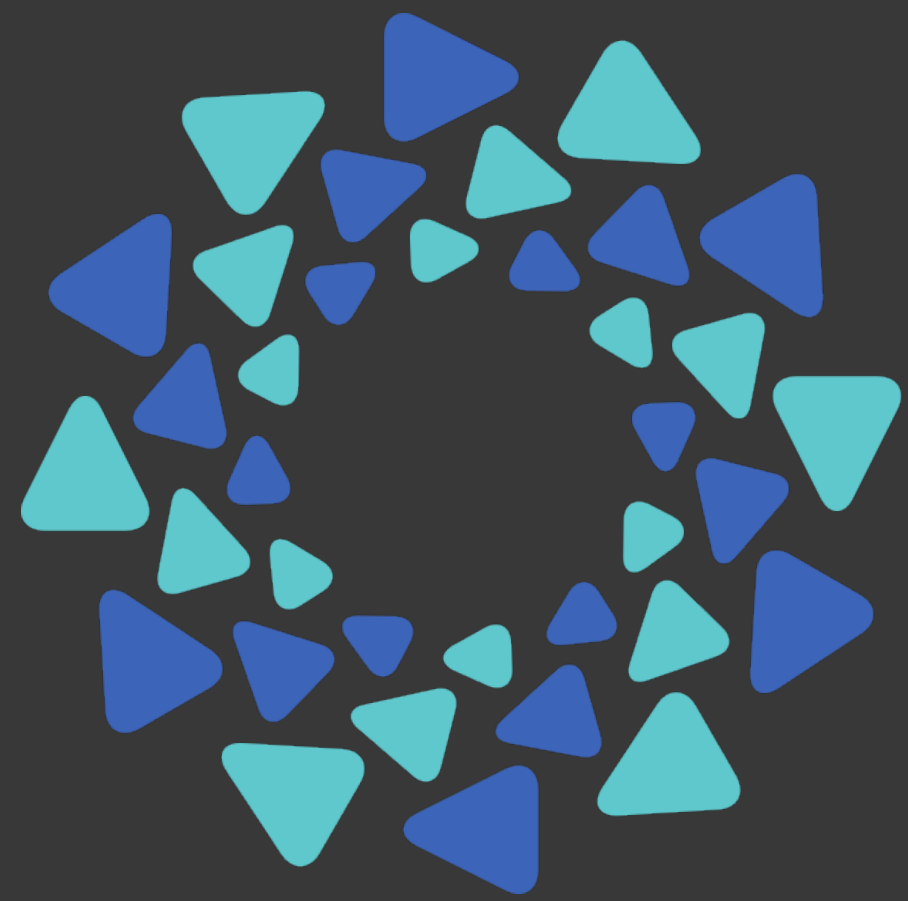
- Morning of contributor planning and discussions
- An afternoon of great presentations
- AMA session with the team
- Ask questions as we go
 - In person or on YouTube Live

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Apptrix.ai – Universal App Studio





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Building Better Apps, Everywhere

A Fyne update

Popularity of Fyne!?

- Over **27000** GitHub ★s
- Top 1000 OSS projects of all time
- Multiple courses and tutorials
- Present at all major Go conferences



An expanding community!



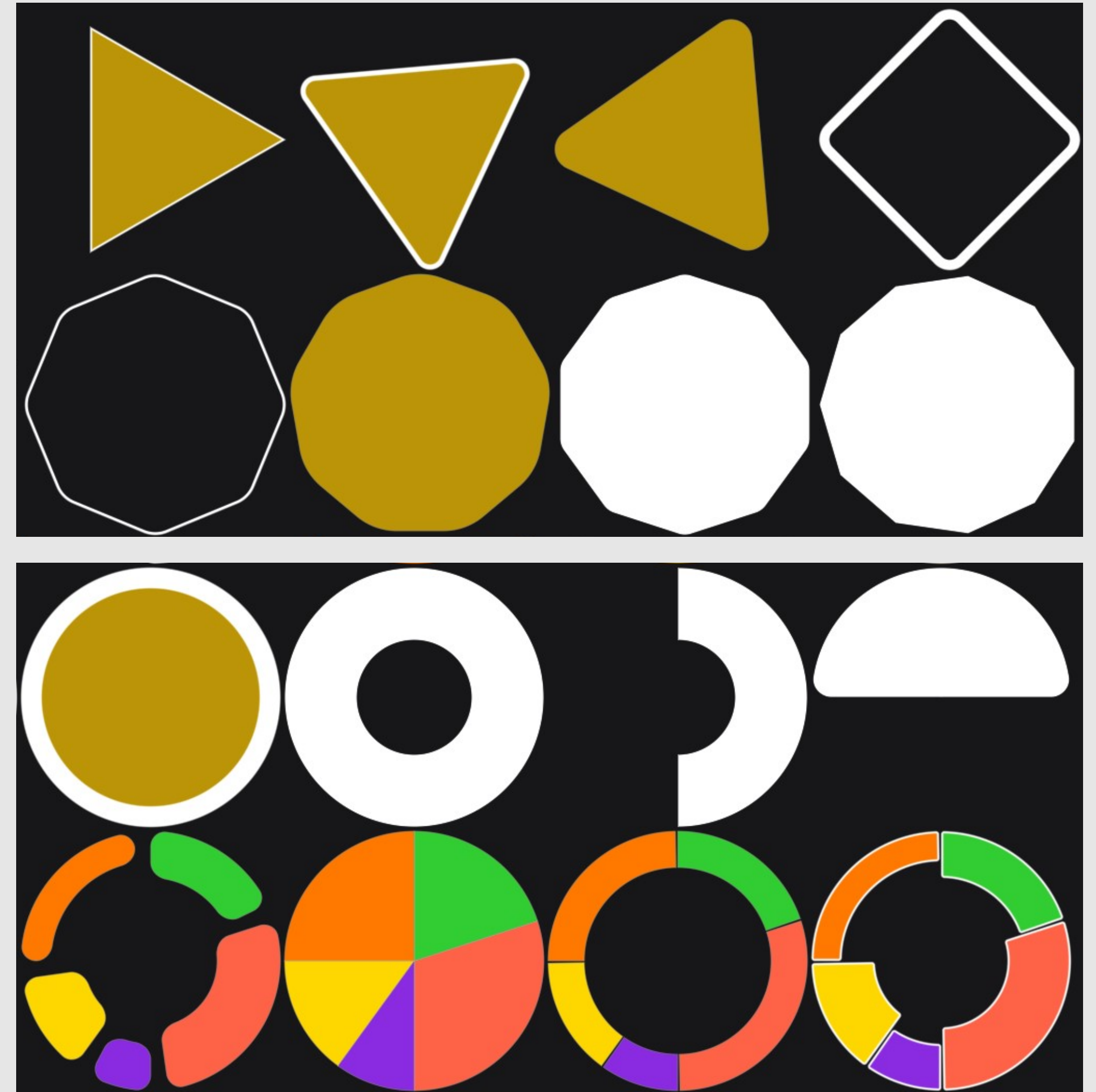
- New core contributors
 - Great new features
 - Massive optimisations
- Interest from around the globe
- Many production apps rolling out
- Even Google is interested 😇
- Giving back to the community

What's new?

Great things across v2.6 and v2.7

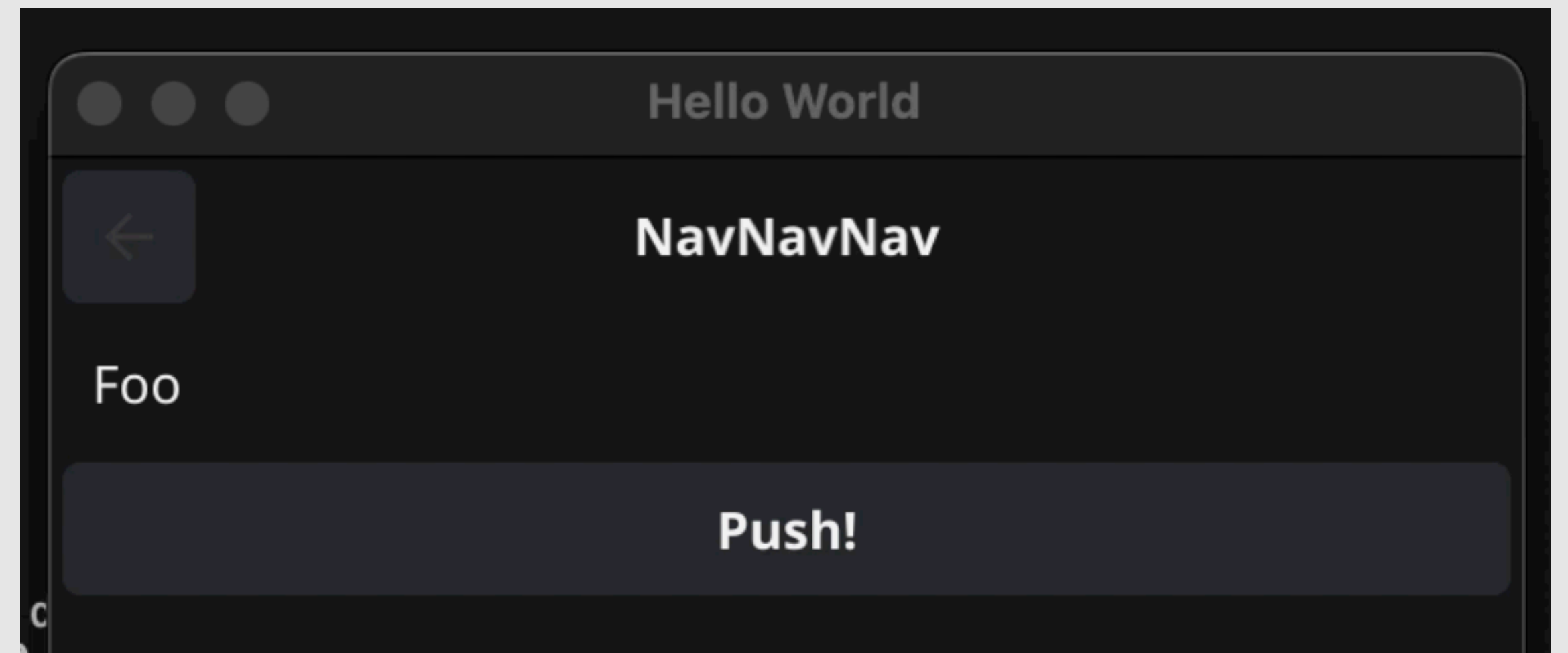
Canvas Objects

- Polygon
- Arc
- Square (& Rectangle.Aspect)
- “Cover” image fill
- “Pill” rectangles with RadiusMaximum
- Image corners



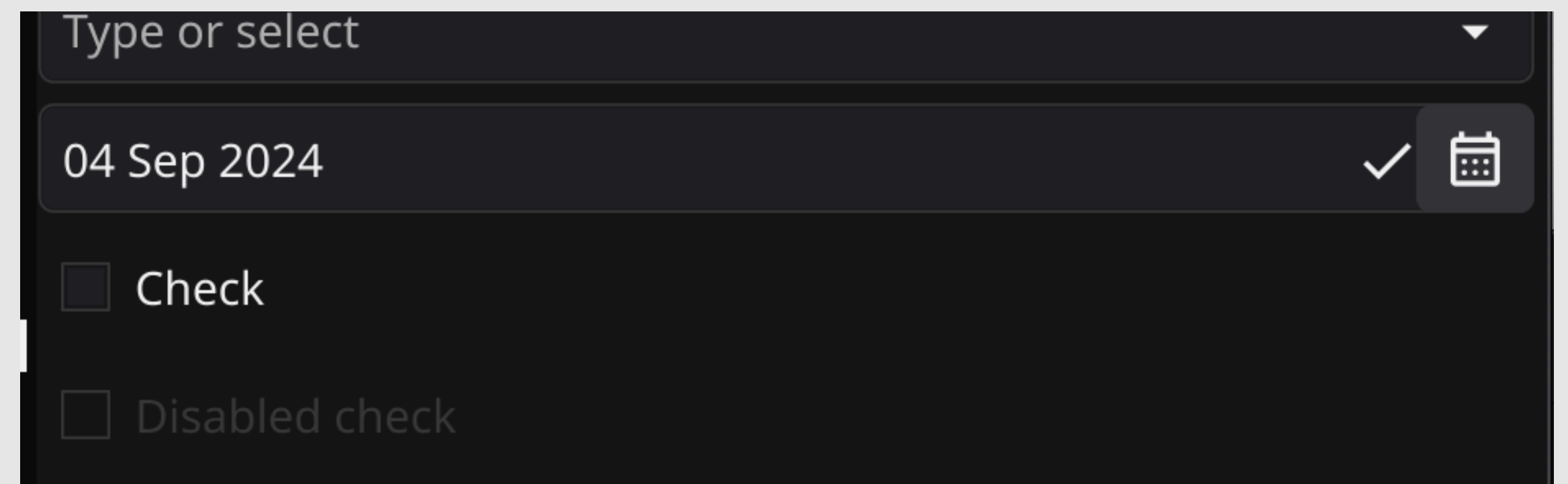
Containers

- Navigation
- Clip
- Additional scroll APIs
- Enhancements for inner window



Widgets

- Calendar, DateEntry
- Partial Check
- Selectable Label
- Entry cursor handling
- Text size for Label widget
- RichText list start number
- Option to always show Entry validation



The screenshot displays a dark-themed user interface. At the top is a text entry field with the placeholder text "Type or select" and a downward-pointing arrow on the right. Below this field is a highlighted selection bar containing the date "04 Sep 2024", a checkmark icon, and a calendar icon. Underneath the selection bar are two checkboxes. The first checkbox is checked and is labeled "Check". The second checkbox is unchecked and is labeled "Disabled check".

Enhancing Concurrency

- Improving performance for complex code
- Eliminating possible race conditions
- Simplifying custom widgets
- Handled automatically for simple apps
- New API `fyne.Do` & `fyne.DoAndWait`



Photo by [John Anvik](#) on [Unsplash](#)

Enhancing Concurrency



```
timeStr := time.Now().Format(time.TimeOnly)
out := widget.NewLabel(timeStr)

go func() {
    for range time.NewTicker(time.Second).C {
        newTime := time.Now().Format(time.TimeOnly)
        fyne.Do(func() {
            out.SetText(newTime)
        })
    }
}()
```


Migrations

- Inspired by Go's metadata approach
- Opt in to new features
- Items will become default over time
- For fyne.Do migration:
 - Test with `-tags migrated_fynedo`
 - Stronger warnings on 2.8
 - 2.9 likely will be on by default

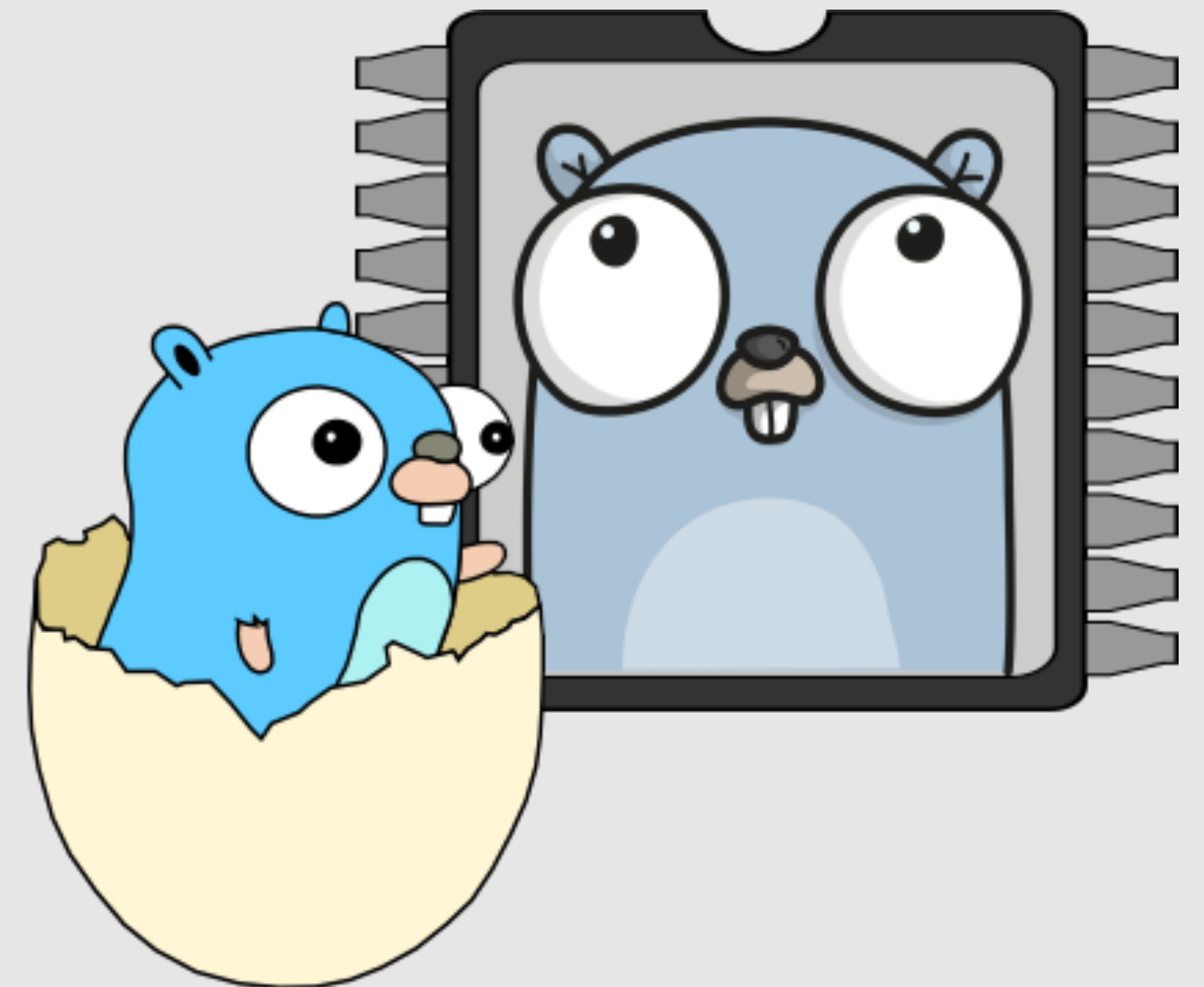


```
[Details]
Icon = "img/logo.png"
Name = "Hello World"
...
```

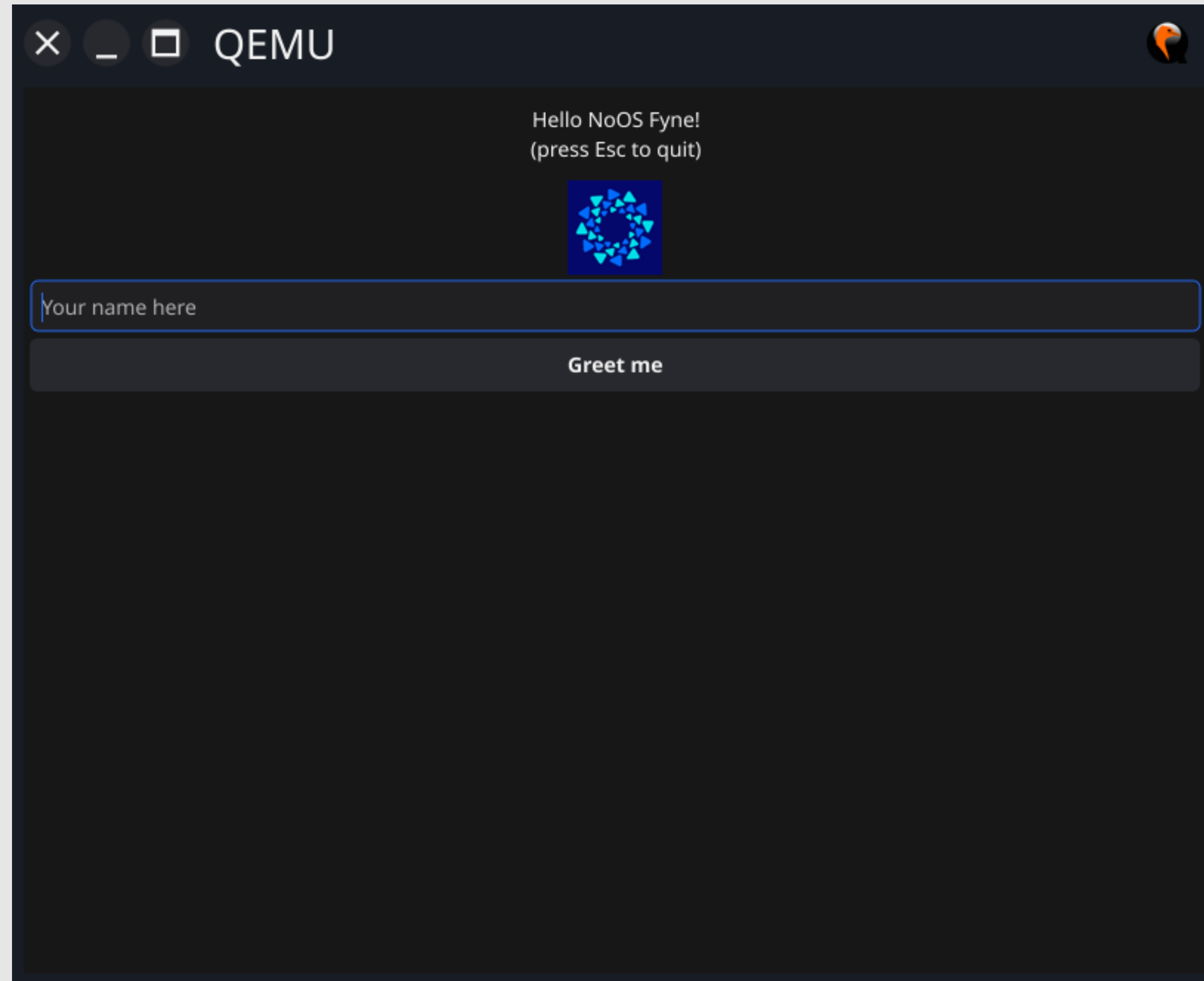
```
[Migrations]
fyneDo = true
```


New “tiny” usages of Fyne

- Support for Tamago and TinyGo
- Addition of “Embedded” Driver
- Define how the rendered frame is displayed
- Provide an event channel and device info
- Call `app.SetDriverDetails`
- Common drivers available in `fyne-x`



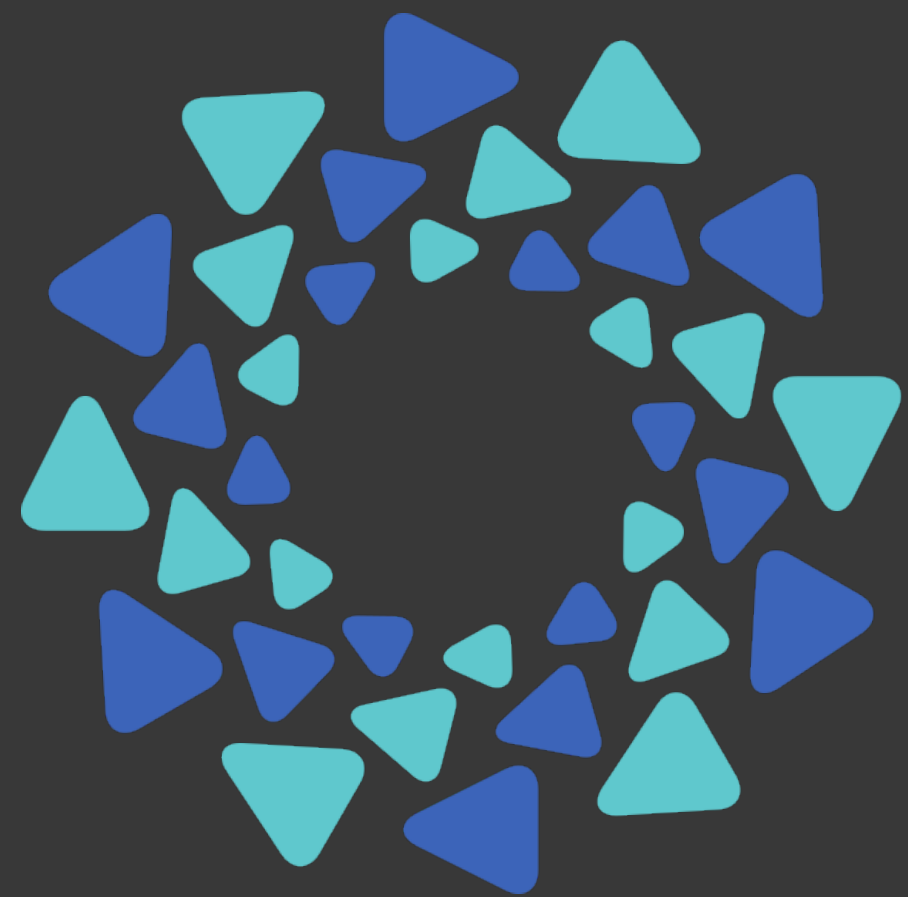
New “tiny” usages of Fyne



Plus



- Mobile scroll speed and “momentum”
- Massive performance increases on rendering and many widgets and data APIs
- Storage for web driver
- Generic APIs for data binding
- Add RowWrap layout
- Support left-tap systray show window
- Translations including Portuguese, Greek, Chinese (Simplified) – **14 total**



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Thank you – everyone!

You make this possible

