

fyne
conf
2022

Welcome

October 14th 2022

Fyne Vision



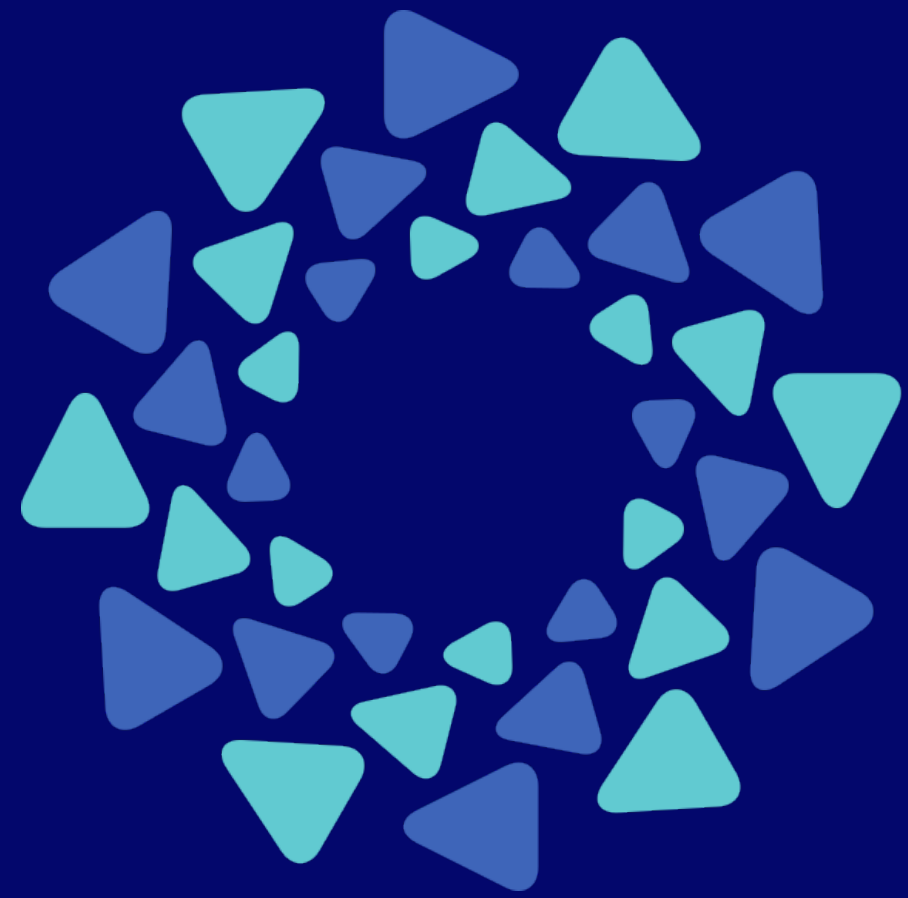
- Write once, run anywhere
- Apps that just work, do not require libraries or setup
- Leverage modern languages and techniques
- Lower barrier of entry to building GUI apps
- Great looking apps as standard
- Promote good engineering principles too

Fyne Vision



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

- <https://fyne.io/>



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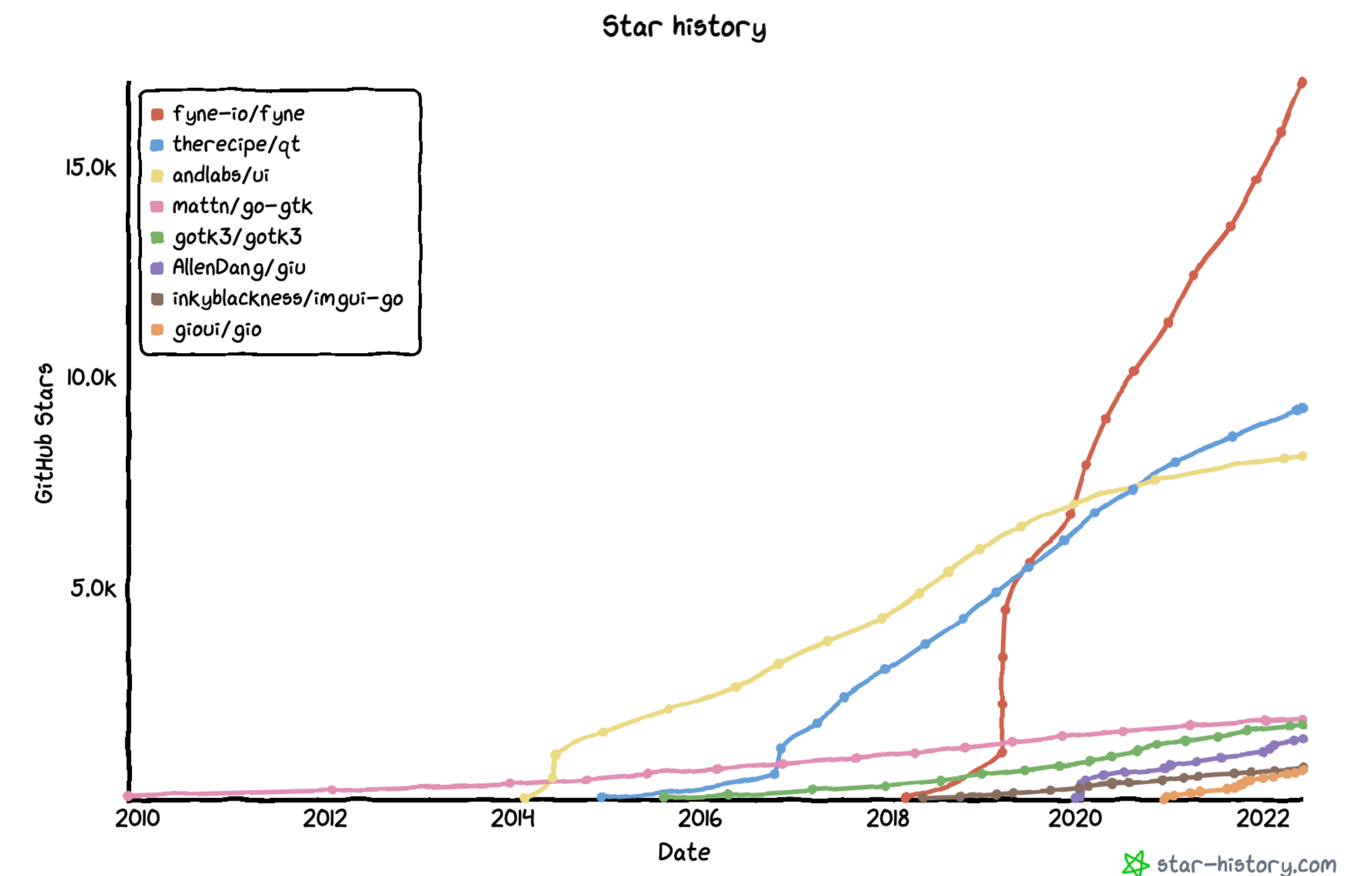
What's New

Fyne updates since v2.1.0

Since Fyne Conf 2021



- 8 Fyne releases
- v2.3.0 nearing completion (arriving November)
- Over 7000 commits
- 4000 more GitHub ⭐s
- 25 new contributors
- Opened Discord server
- 45% increase in apps published
- Fyne-x Date Picker, Responsive Layout & Map widgets



Major Releases



● 2.2

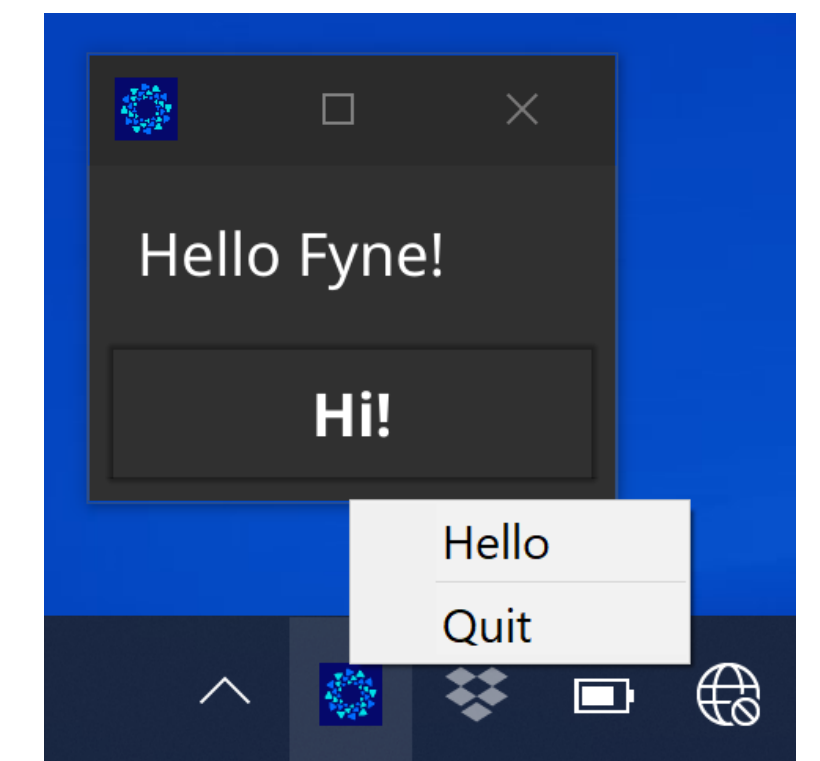
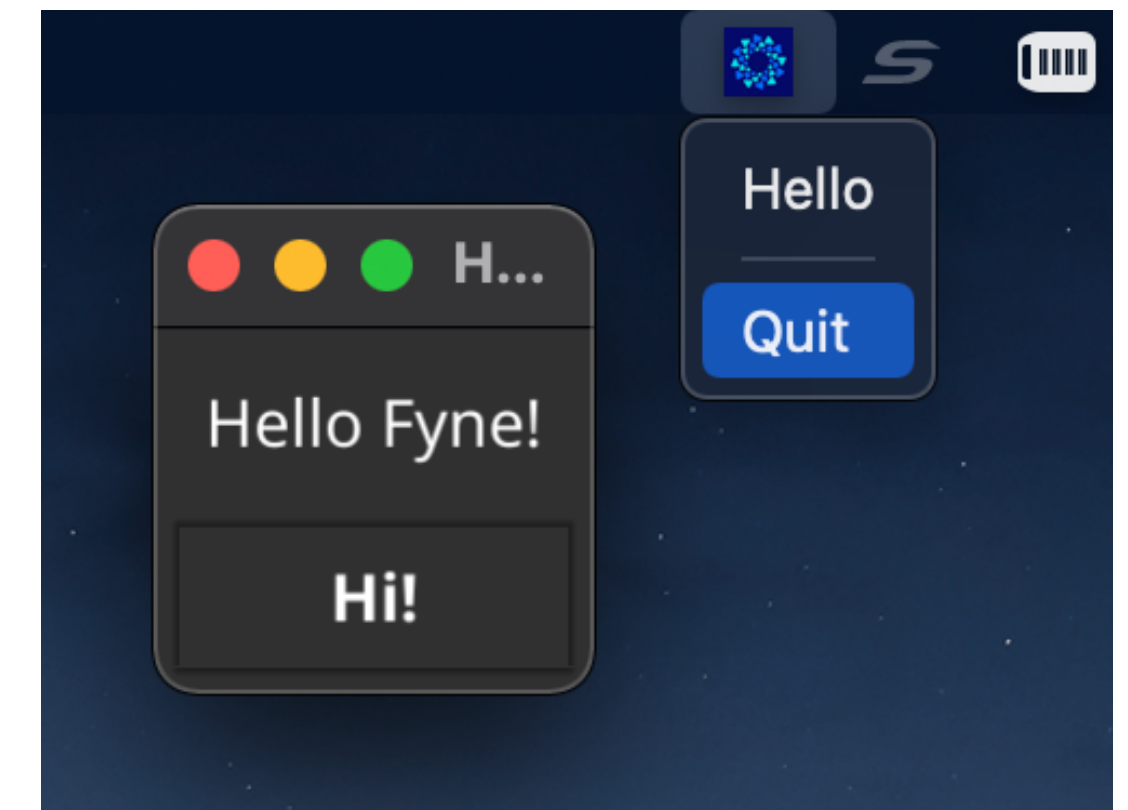
- System Tray
- Web Based Delivery
- JSON Theme Definition
- Menu Keyboard Shortcuts
- iOS Simulator OpenBSD and NetBSD
- App Metadata API

● 2.3

- Theme Update
 - Cloud Sync and Storage
 - Improved Text Handling
 - AppSkeleton container
 - ... and more ...
-
- Release mid-November

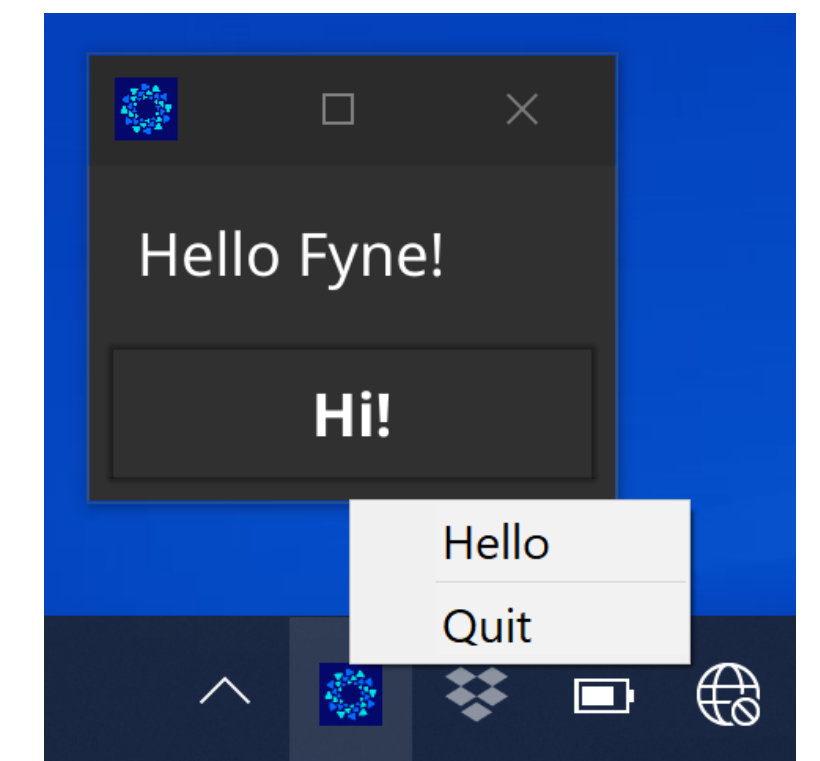
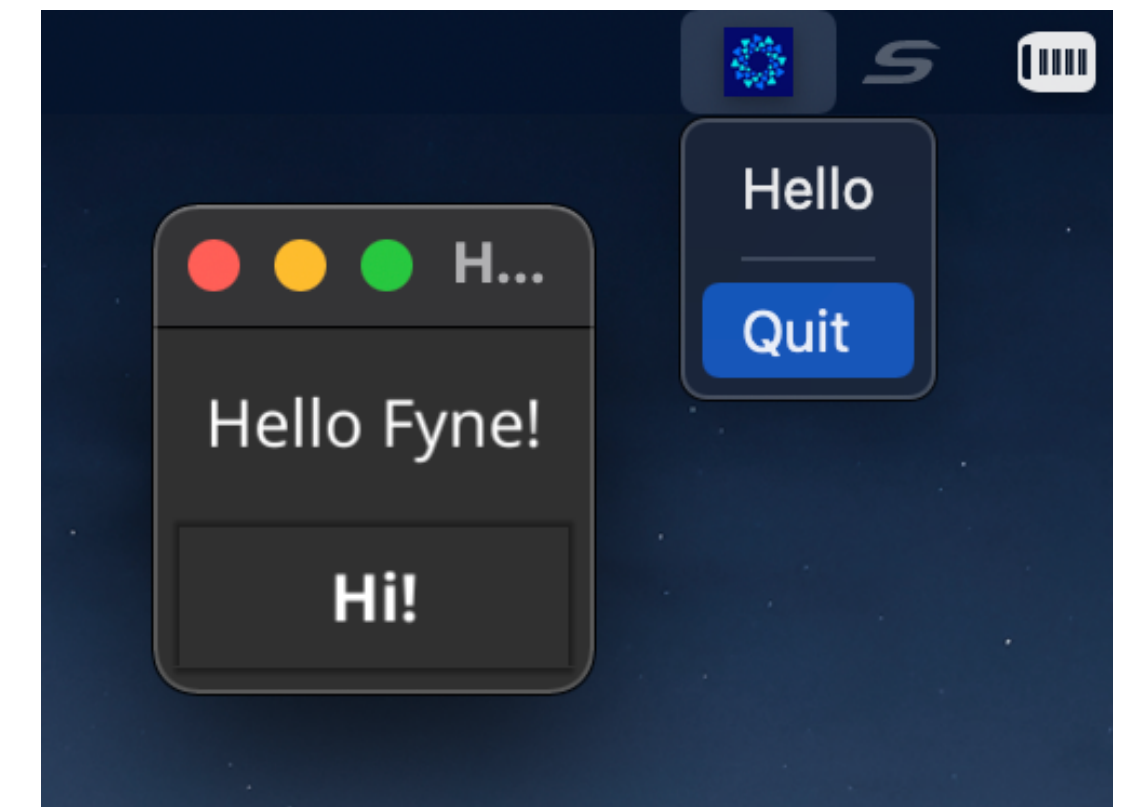
System Tray

- For desktop runtime
- Supports macOS, Windows and most Linux
- No additional dependencies
- Set up using fyne Menu and Resource types



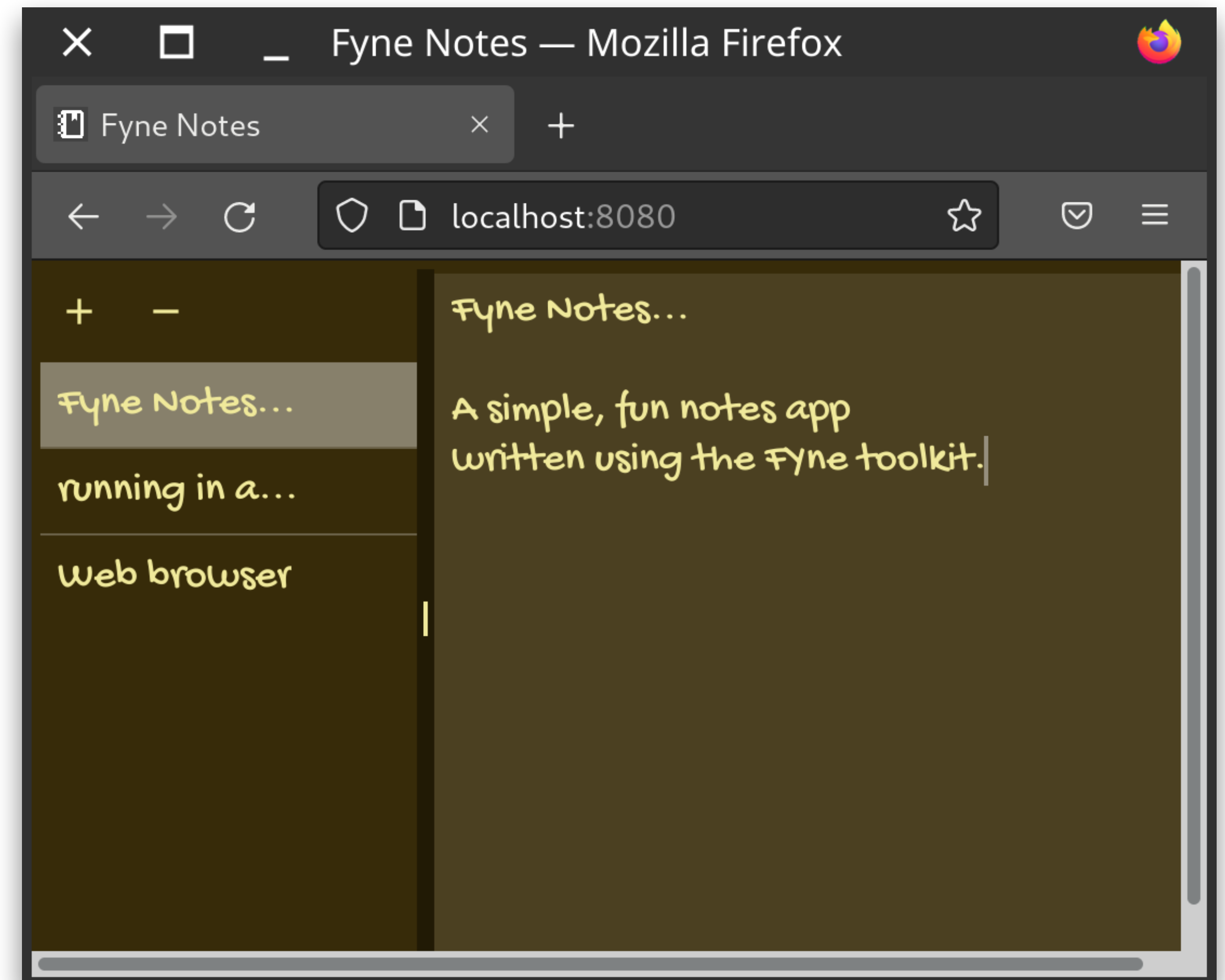
System Tray

```
if desk, ok := a.(desktop.App); ok {  
    menu := fyne.NewMenu("Hello World",  
        fyne.NewMenuItem("Hello", func() {  
            log.Println("System tray menu tapped")  
        }))  
    desk.SetSystemTrayMenu(menu)  
    desk.SetSystemTrayIcon(myIcon)  
}
```



Web

- New target platform “web”
- Builds WASM and GopherJS targets
- Deploy to any web server
- Or run locally with “fyne serve”



Application Metadata

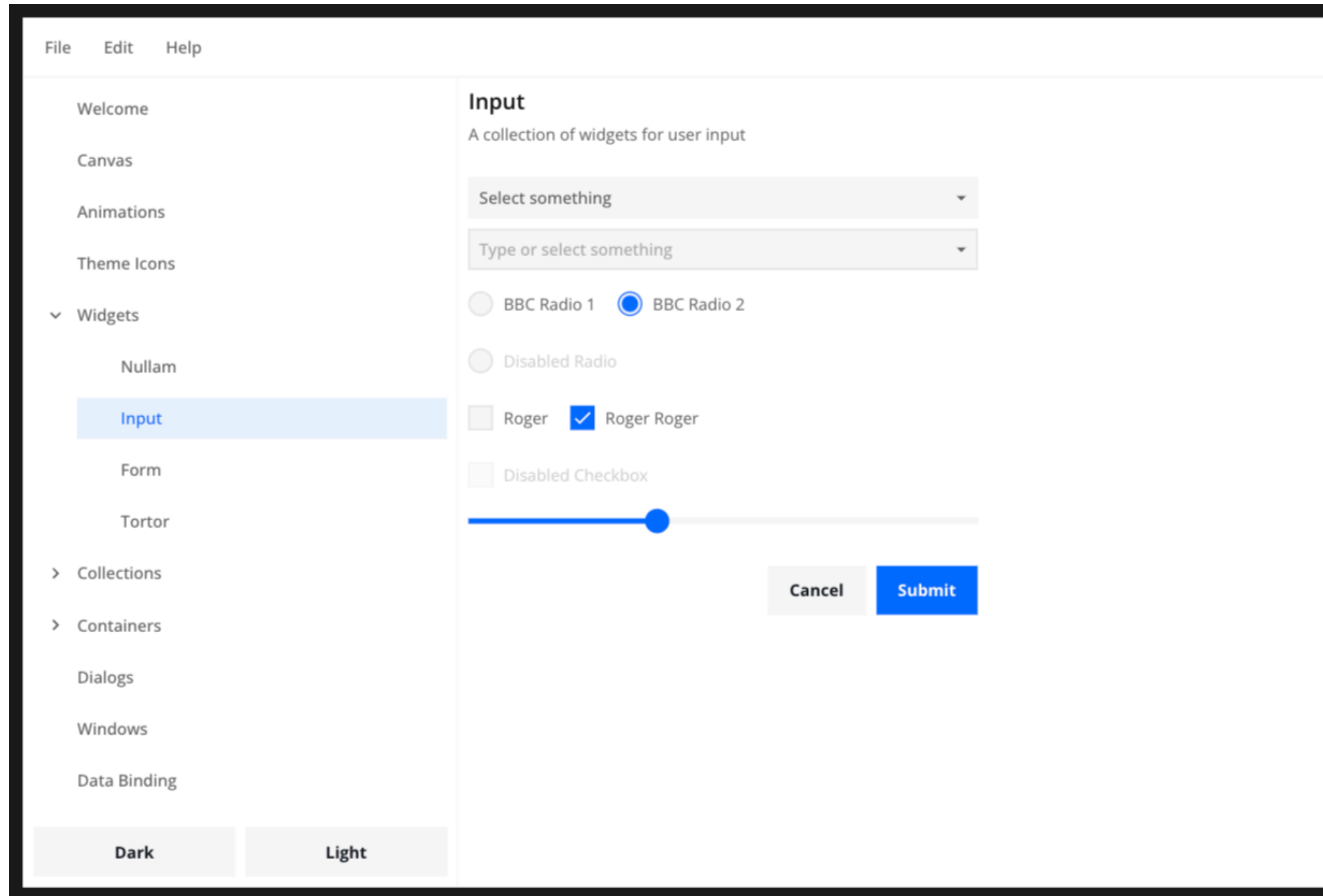
- Loading `FyneApp.toml` into your application binary

```
Website = "https://fyne.io"

[Details]
Icon = "img/fyne.png"
Name = "Fyne Demo"
ID = "io.fyne.demo"
Version = "1.0.0"
Build = 5
```

- `Application.Metadata()` to read the data, returns a `fyne.AppMetadata`
- Use `.Icon`, `.Name`, `.Version` and more for accessing information

Theme Updates and Polish



Theme Updates and Polish

A dark-themed login dialog box with a black border. The title "Login" is centered at the top. Below it are two input fields: "Email" and "Password". The "Password" field has a small eye icon on the right side. At the bottom, there are two buttons: "Cancel" and "Login".

Login

Email

Password

Cancel Login

Rebuilding Text Handling

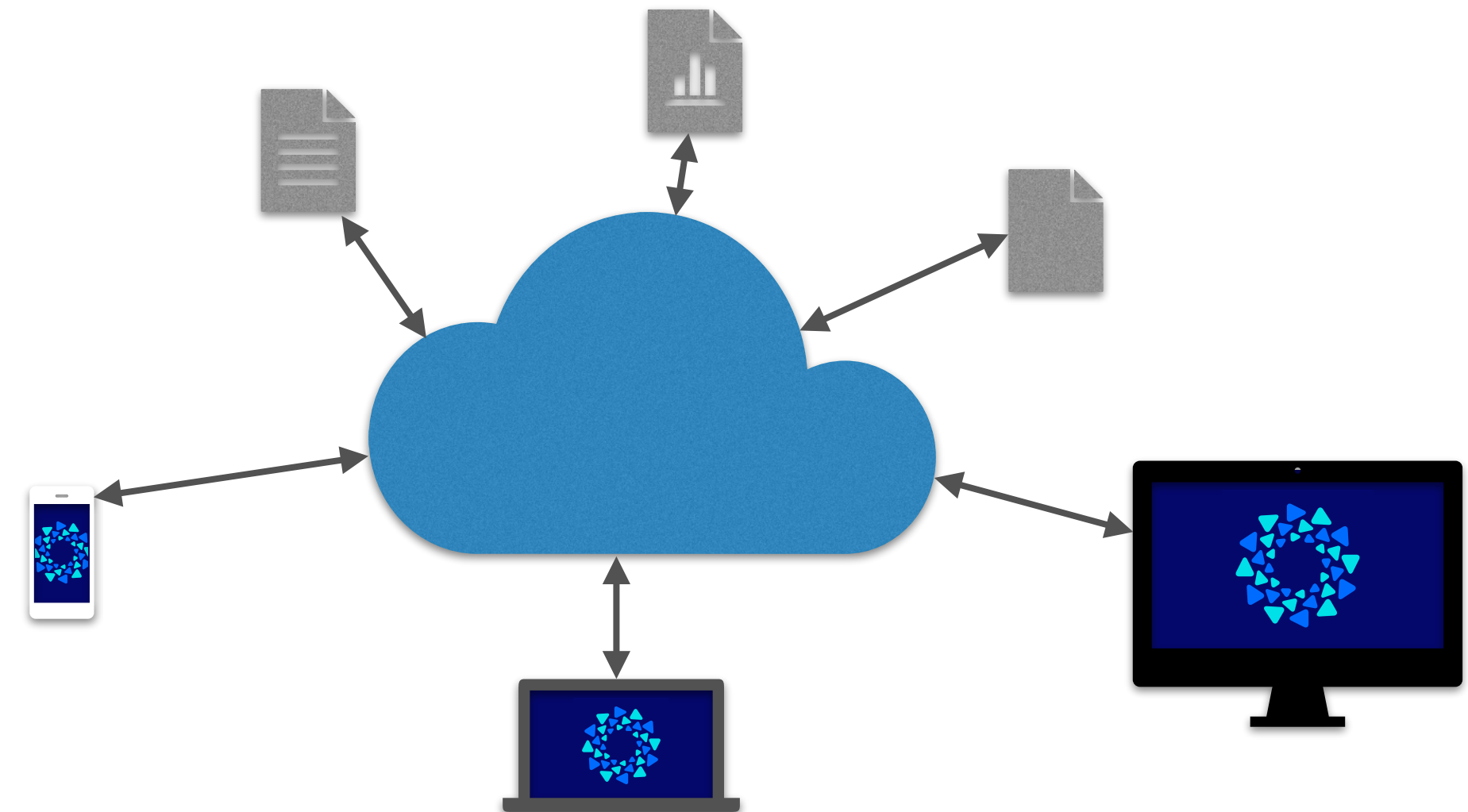


- Corrects handling of complex glyphs
- Support bidirectional text
- Crisper and more efficient rendering
- Enabling full internationalisation

שרה

Cloud Sync and Storage

- Sync user preferences
- Persist documents to cloud
- Various providers available
- Build your own cloud provider



v2.3.0



**All this and more
Landing mid-November**

Welcome to Fyne Conf 2022!



- 3 hours of great presentations
- Code, design and best practices
- Q&A session open to all
- Ask questions as we go
 - Slack, Discord, Twitter or YouTube

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