Experiment with Native APIs



Jake Trent

@jaketrent jaketrent.com

Our Experiments

Application menu

Menu

System tray

Tray, Menu

Clipboard buffer

Clipboard, globalShortcut, Tray, Menu

Screenshot

desktopCapturer, screen, globalShortcut

Git status

child_process, os

Demo Application menu

Demo of the API

Dropdown — like File, Edit, View...

Menu module

Summary Application menu

Native, app-level

Out of the way

Can store lots of stuff!

Demo System tray

Demo of the API

OS-level icons

Tray module

Menu module

Summary System tray

Instant access

Always visible

Always on

Demo Clipboard buffer

Project with several modules

clipboard module

globalShortcut module

Tray module

Menu module

Summary Clipboard buffer

API combos rock!

No Flash

Programmatic clipboard control

No clipboard change events

No outside-Electron cursor position

Demo Screenshot

Toy app for screenshots
desktopCapture module
screen module
globalShortcut module

Summary Screenshot

No browser sandbox

Audio and video APIs available

Demo Git status

Access to host machine binaries
GUI for testing git status
child_process module
os module

Summary Git status

Many app possibilities

Remember security, compatibility, and performance