

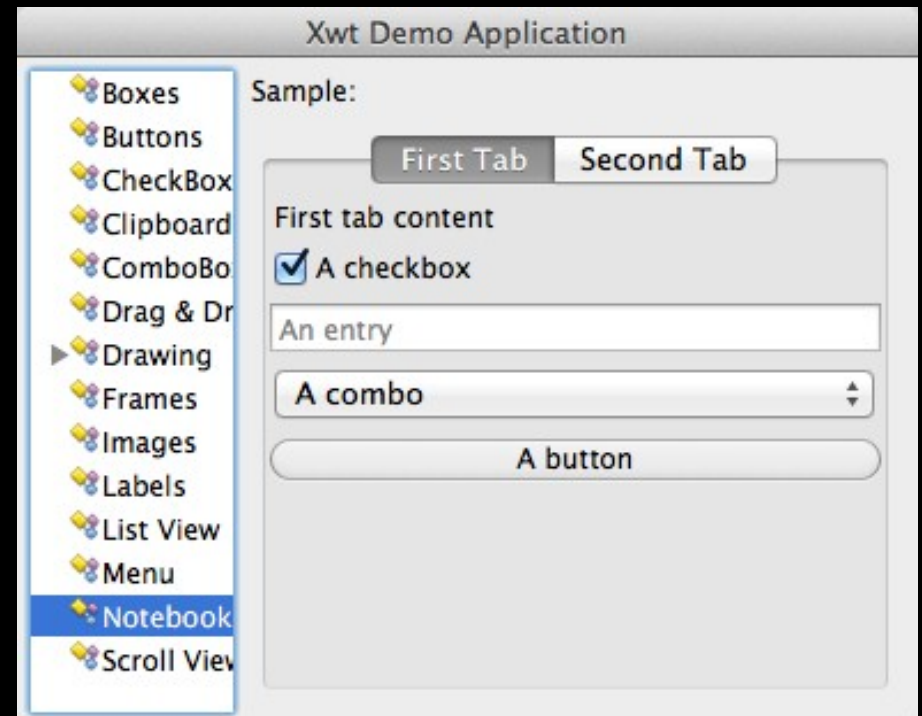
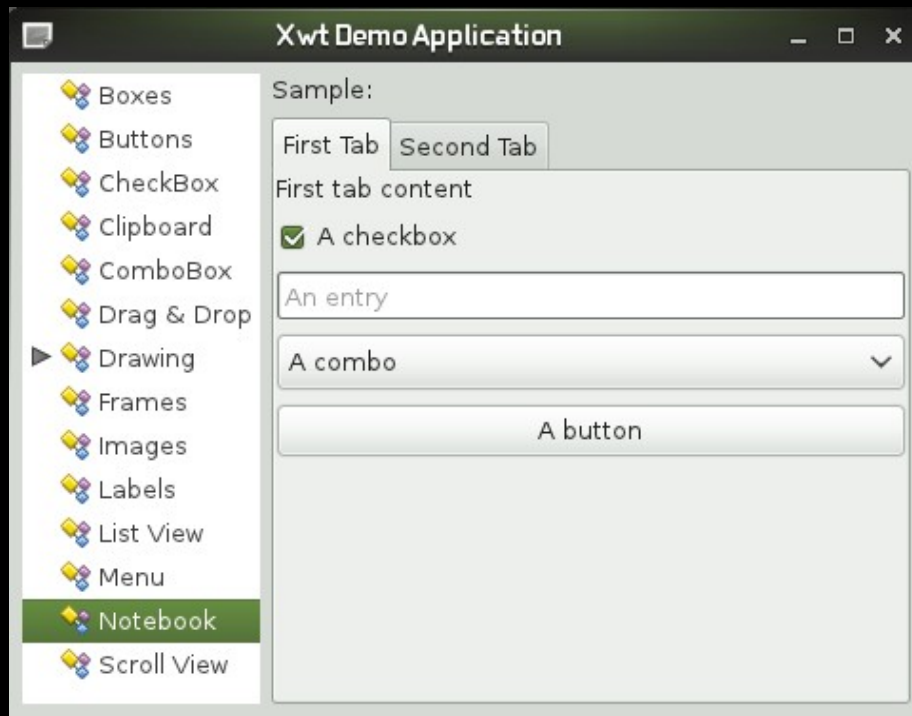
XWVT

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# What is XWT?

Open source cross-platform GUI toolkit  
for Mono and .NET

Native widgets



# Why?

MonoDevelop with native Look & Feel

Improve GTK+

MVC

XWT

# Design Goals

Not for everybody

Target: desktop applications (for now)

Tradeoff: portability, extensibility, functionality

Simplified API

# Looks like GTK#

Same layout model

Ideas from GTK+3

# Looks like GTK+ but...

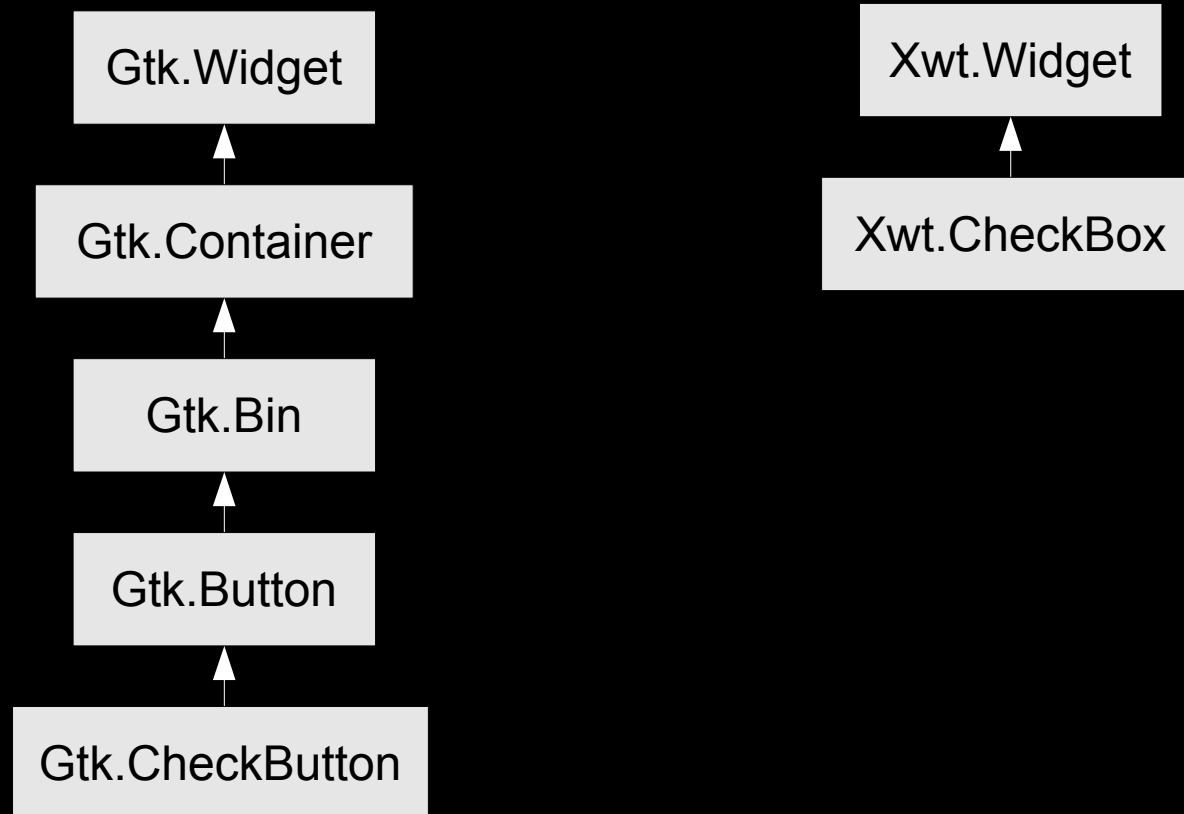
No Container class

Widgets visible by default

No GdkWindow

Hidden internals

# Simple, easy to learn, easy to use

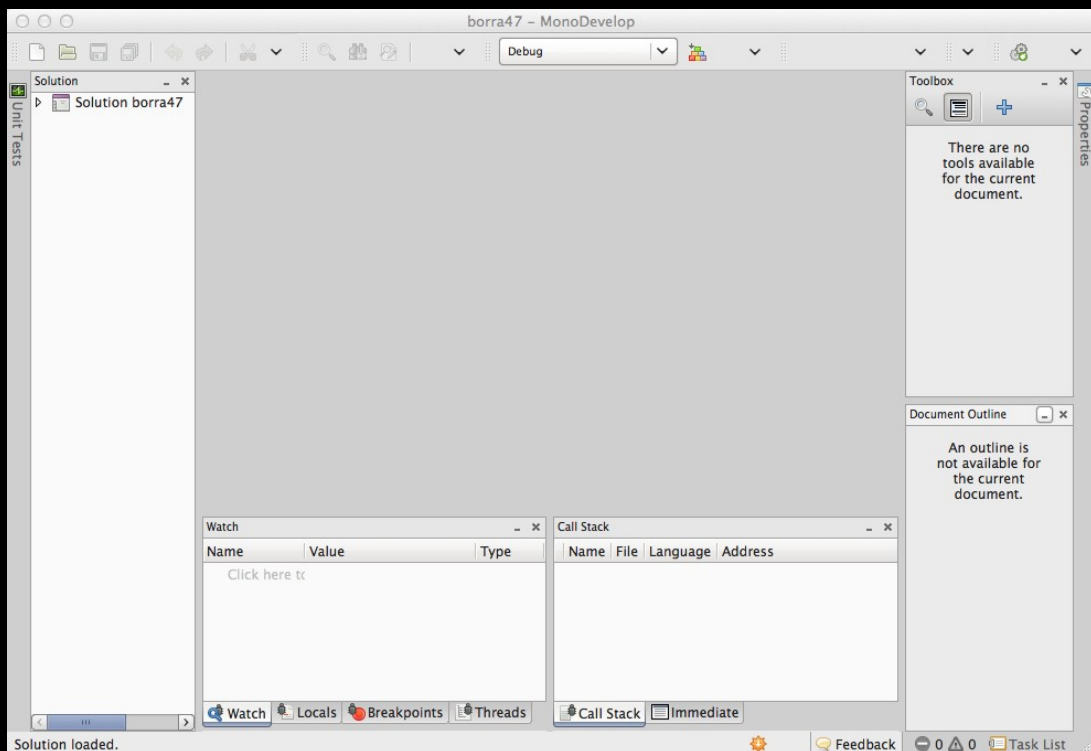
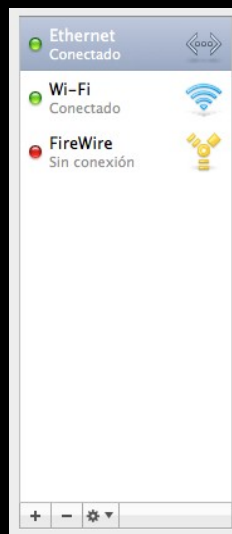
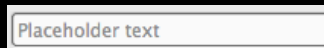
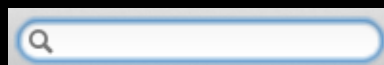


# Powerful Widgets

Widgets more “semantic”

Improved MonoDevelop widgets

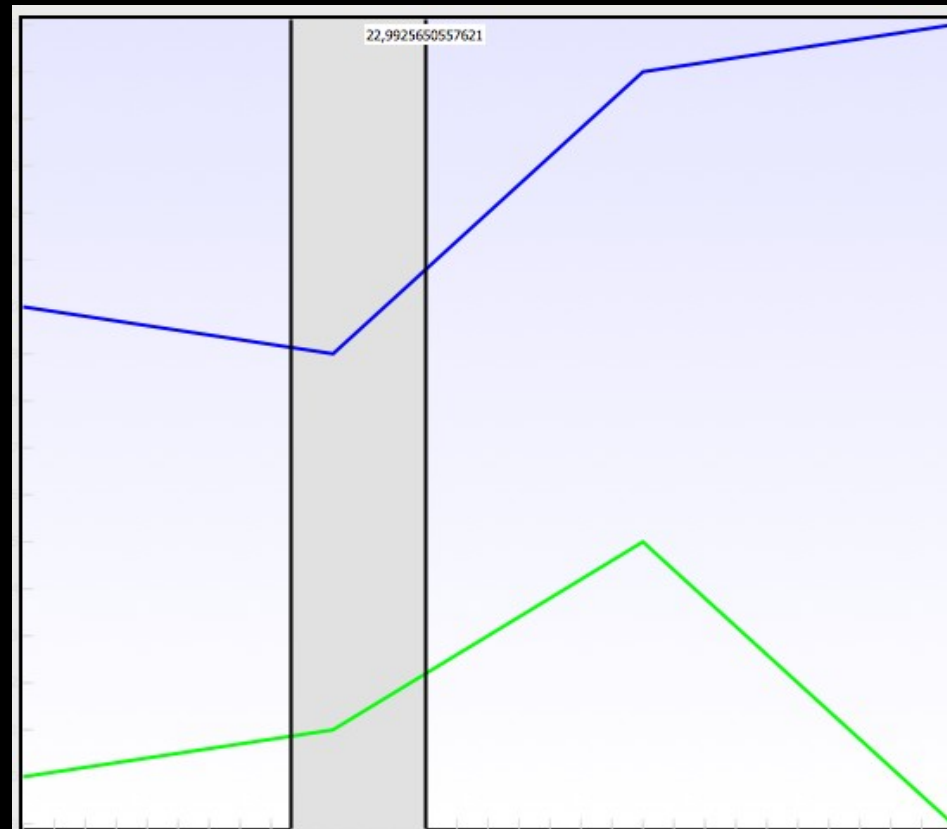
Wide range of options





# Powerful Drawing API

Full drawing stack, similar to Cairo



# Visual Designer

XAML

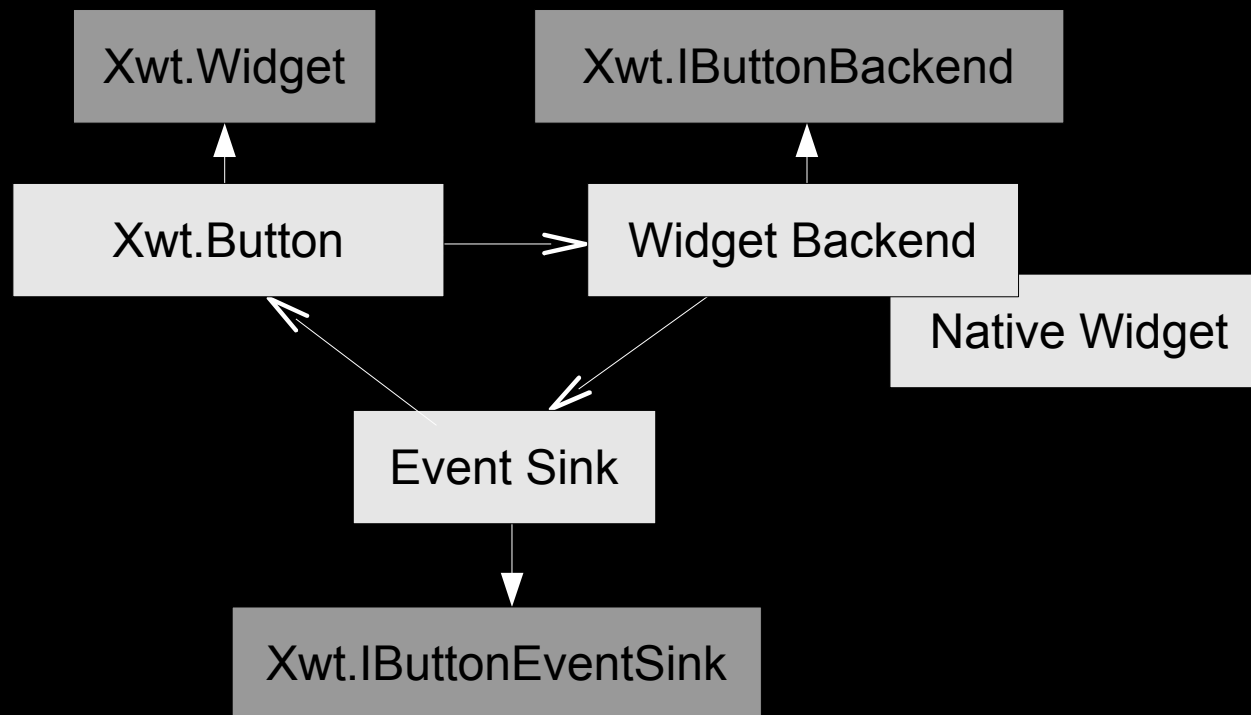
# Extensible

Subclass a widget

Create a new widget

Create a new backend

# Internal architecture



# Useful for...

Portable apps

Embedding in native app

Share GUI code

# Current Status

GTK+ Backend leading the development

MonoMac backend in progress

Contribution of WPF backend

# Contributions Welcome!

<https://github.com/mono/xwt>

<http://groups.google.com/group/xwt-list>

Questions?