



SenchaCON'13

{ serious app dev // serious fun }

Protect your Assets Sencha Desktop Packager

Donald Carr, Software Engineer, Sencha

 @dullnold

 donald.carr@sencha.com

I hope you caffeinated



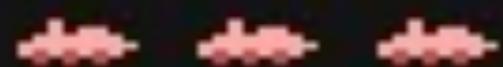
Break down

- **Introduce**
- **Showcase**
- **Quantify**
- **Demo**

TL;DR

**Vehicle for the delivery,
extension and integration
of web apps on a platform.**

PLAYER1 000100



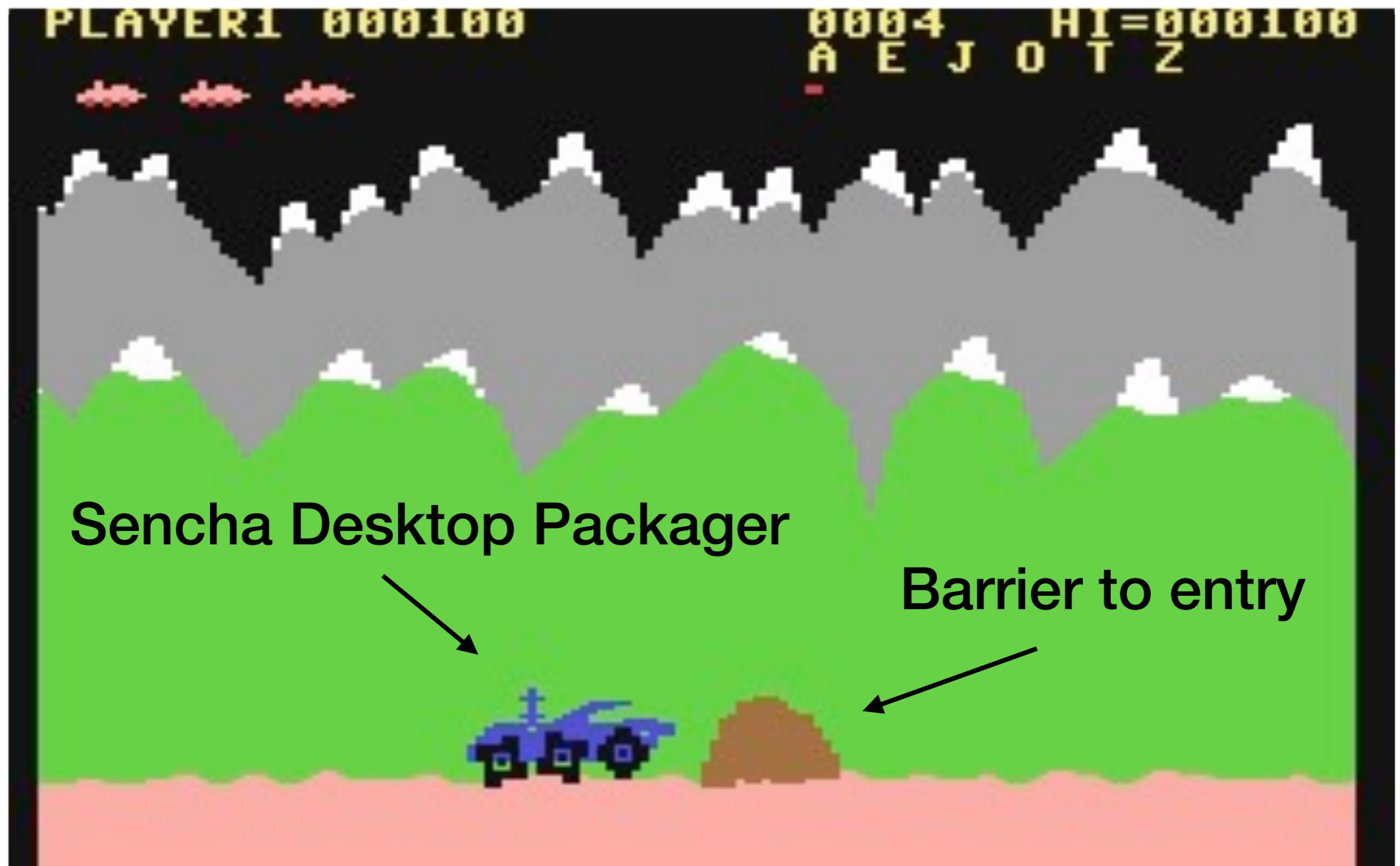
0004 HI=000100

A E J O T Z

-







You stand to gain



You stand to gain



You stand to gain



You stand to gain



Cover your apps

Disclosure: Scent of a developer

- **Militant arm of the Sencha Desktop Packager team**



Disclosure: Scent of a

- Militant arm of the Skaggskager team



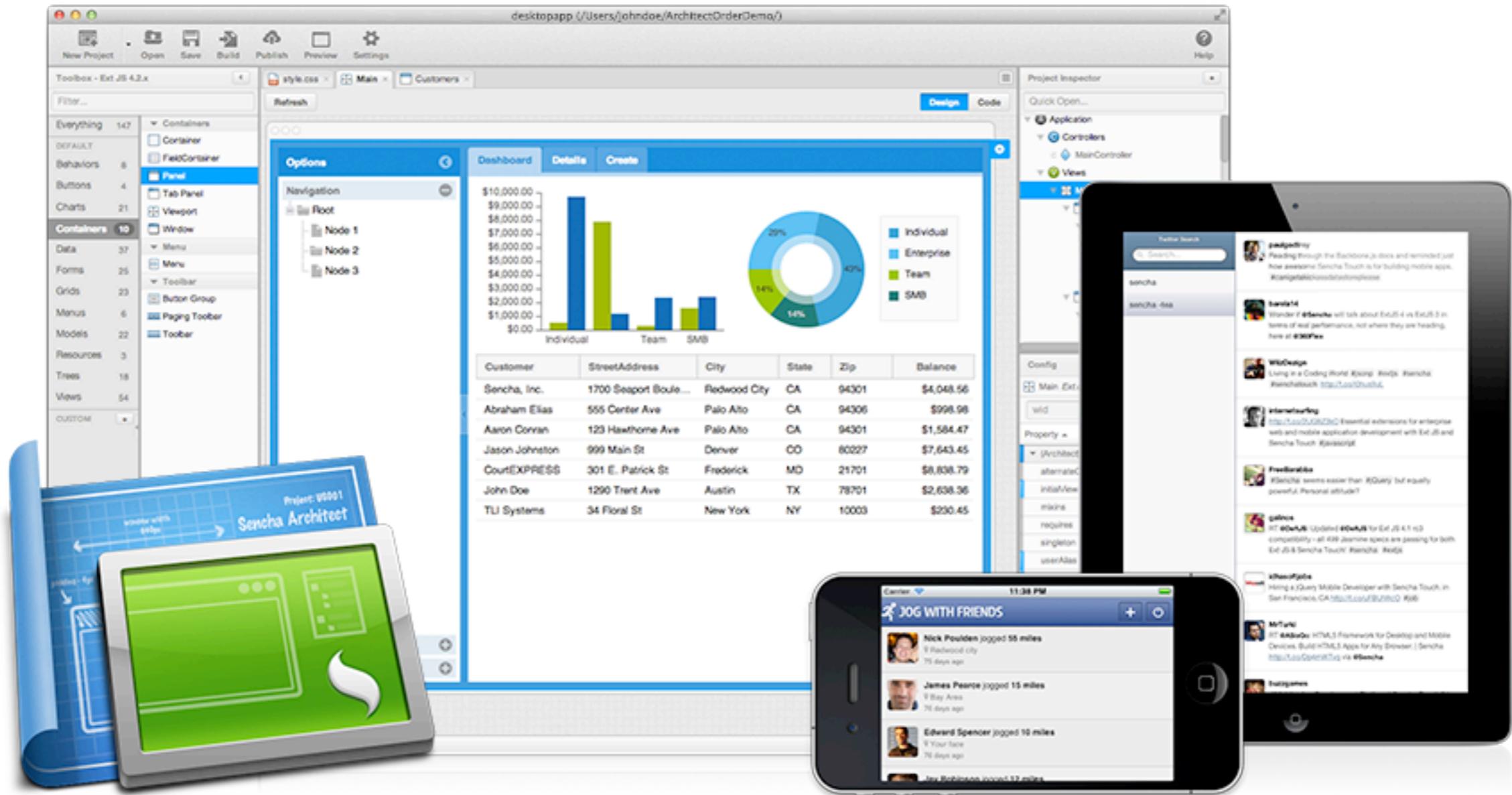
The case for native apps

**Native applications are
glorious**

and performant



Case analysis



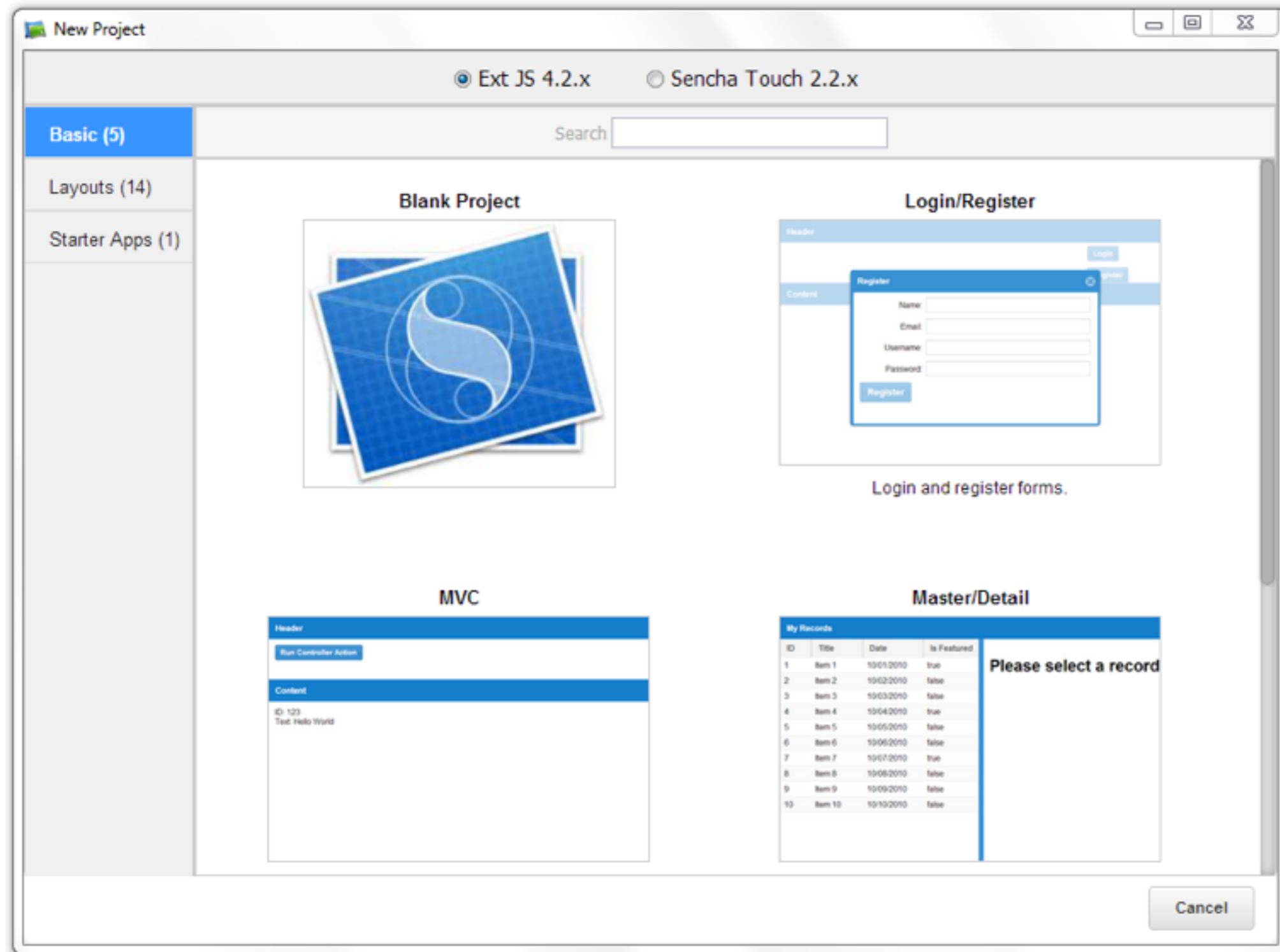
Blisteringly fast

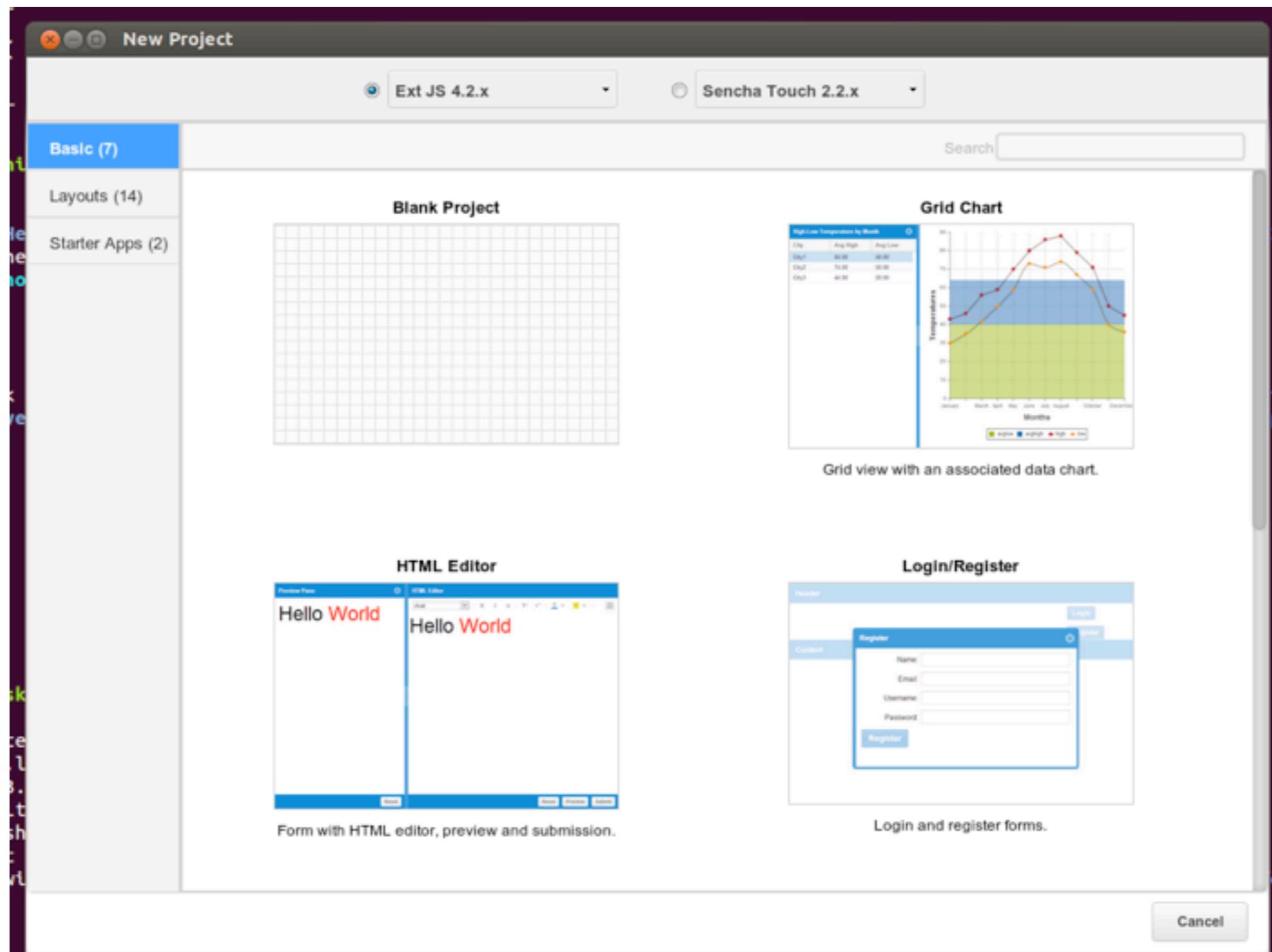


Seamlessly integrated



with underlying OS





New Project

Ext JS 4.2.x Sencha Touch 2.2.x

Basic (7)

Layouts (14)

Starter Apps (2)

Blank Project

Grid Chart

HTML Editor

Login/Register

Form with HTML editor, preview and submission.

Grid view with an associated data chart.

Login and register forms.

Cancel

The screenshot displays a user interface for creating mobile or web applications. At the top, there are dropdown menus for selecting 'Ext JS 4.2.x' or 'Sencha Touch 2.2.x' as the project framework. Below this, a sidebar on the left lists categories: 'Basic (7)', 'Layouts (14)', and 'Starter Apps (2)'. The main area contains four examples:

- Blank Project:** A grid-based template.
- Grid Chart:** Shows a grid view with a corresponding line chart titled 'Grid Chart'. The chart tracks 'Temperature' over 'Months' (January to December). It includes four data series: 'avglow' (blue), 'avghigh' (green), 'high' (red), and 'low' (orange).

City	Avg High	Avg Low
City1	60.00	40.00
City2	70.00	50.00
City3	65.00	35.00
- HTML Editor:** A form example with an 'HTML Editor' component containing the text 'Hello World'.
- Login/Register:** A form example for user authentication with fields for Name, Email, Username, and Password, along with 'Login' and 'Register' buttons.

Sheer Nativeness of Architect

- **Performant**
- **Native dialogs and menus**
- **Keyboard shortcuts**
- **File system access**
- **Self contained packages**



**It owes all these points to
Sencha Desktop Packager**

Don't mind me

- **Architect ingredient list**
 - Sencha Ext JS
 - Regular Ol bleeding edge web tech
 - Sencha Desktop Packager APIs
 - High Fructose Corn Syrup





Tuesday, July 30, 13

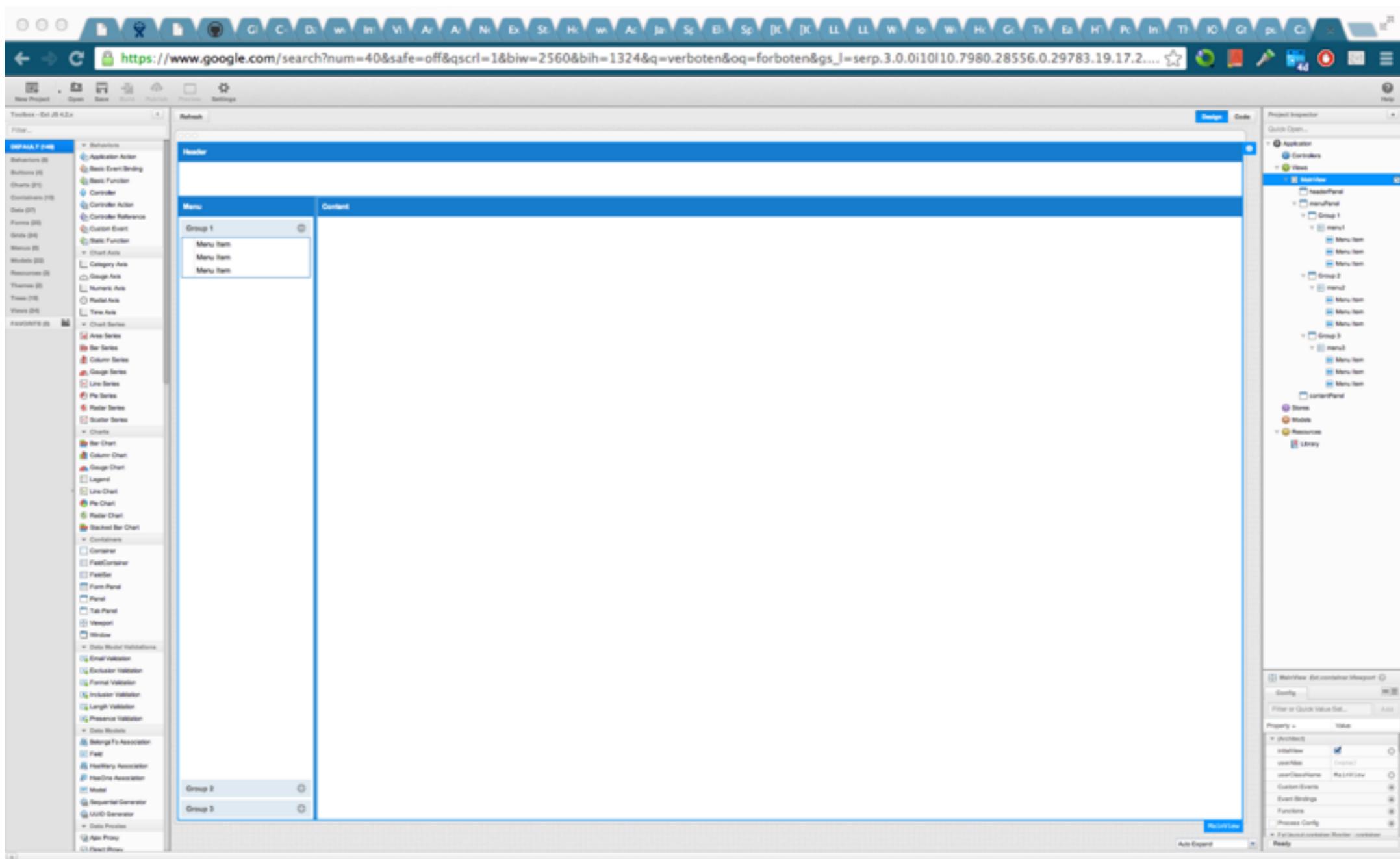
Performance



Integration APIs

<http://docs.sencha.com/desktop-packager/1.2/>





AccordionMenu – Sencha Architect

Design Code

Project Inspector

Quick Open...

Application

Controllers

Views

MainView

headerPanel

menuPanel

Group 1

menu1

Menu Item

Menu Item

Menu Item

Group 2

menu2

Menu Item

Menu Item

Menu Item

Group 3

menu3

Menu Item

MainView Ext.container.Viewport

Config

Filter or Quick Value Set... Add

Property Value

(Architect)

initialView

userAlias (none)

userClassName MainView

Custom Events

Event Bindings

Functions

Process Config

Ext.layout.container.Border : container

Ready

Header

Menu

Content

Group 1

Menu Item

Menu Item

Menu Item

Group 2

Group 3

MainView

Auto Expand

3

New Project Open Save Build Publish Preview Settings ? Help

Toolbox - Ext JS 4.2.x

Filter...

DEFAULT (149)

Behaviors (8)

Buttons (4)

Charts (21)

Containers (10)

Data (37)

Forms (25)

Grids (24)

Menus (6)

Models (22)

Resources (3)

Themes (2)

Trees (19)

Views (54)

FAVORITE (0)

Behaviors

Application Action

Basic Event Binding

Basic Function

Controller

Controller Action

Controller Reference

Custom Event

Static Function

Chart Axis

Category Axis

Gauge Axis

Numeric Axis

Radial Axis

Time Axis

Chart Series

Area Series

Bar Series

Column Series

Gauge Series

Line Series

Pie Series

Radar Series

Scatter Series

Charts

Bar Chart

Column Chart

Gauge Chart

Legend

Line Chart

Pie Chart

Radar Chart

Stacked Bar Chart

Containers

Native API Skim

- **Window Management**
- **Filesystem access**
- **Filesystem watching**
- **Process control**
- **MenuBar and Menu**
- **Dialogs**
- **And more**



Security

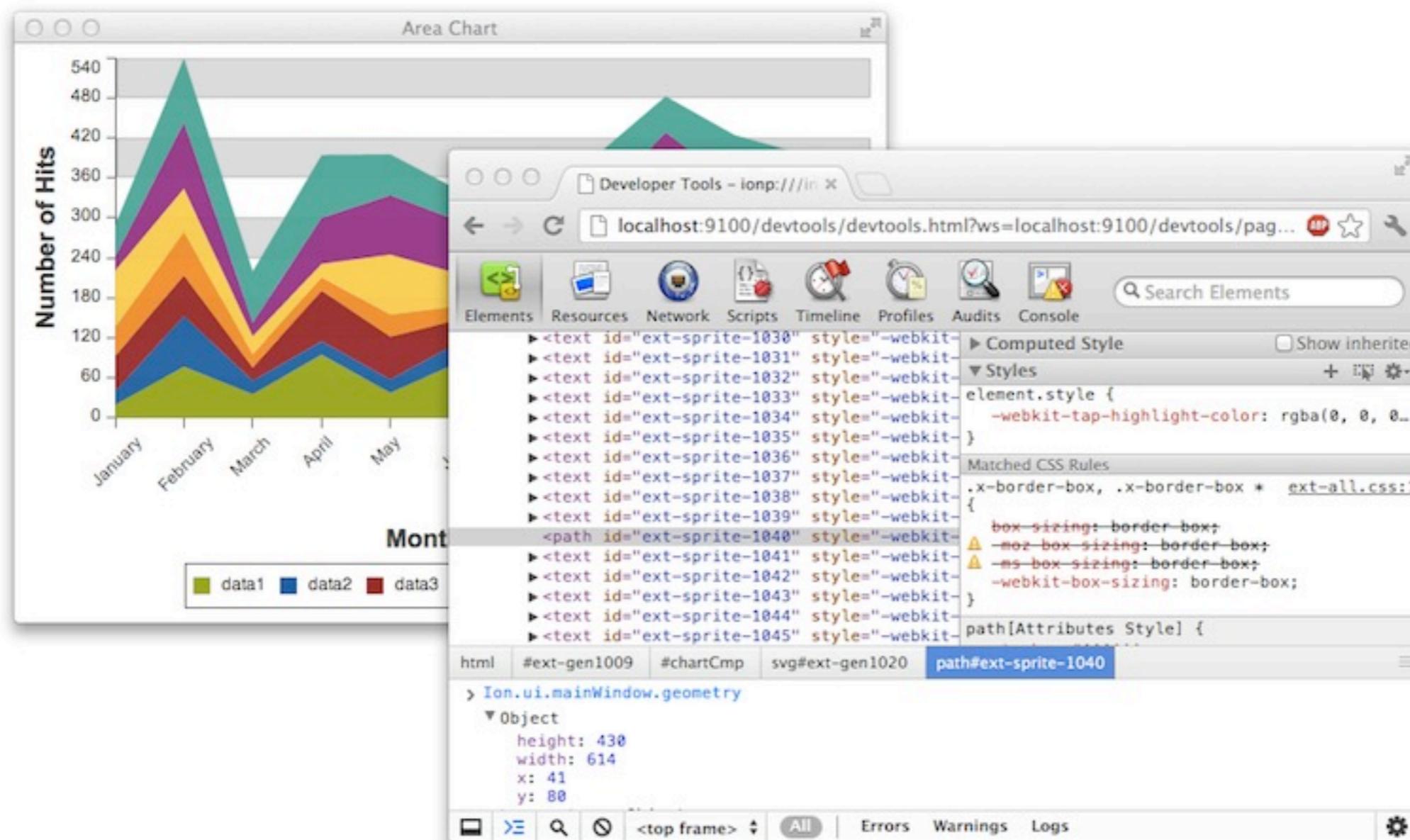
I see
Architect code
everywhere

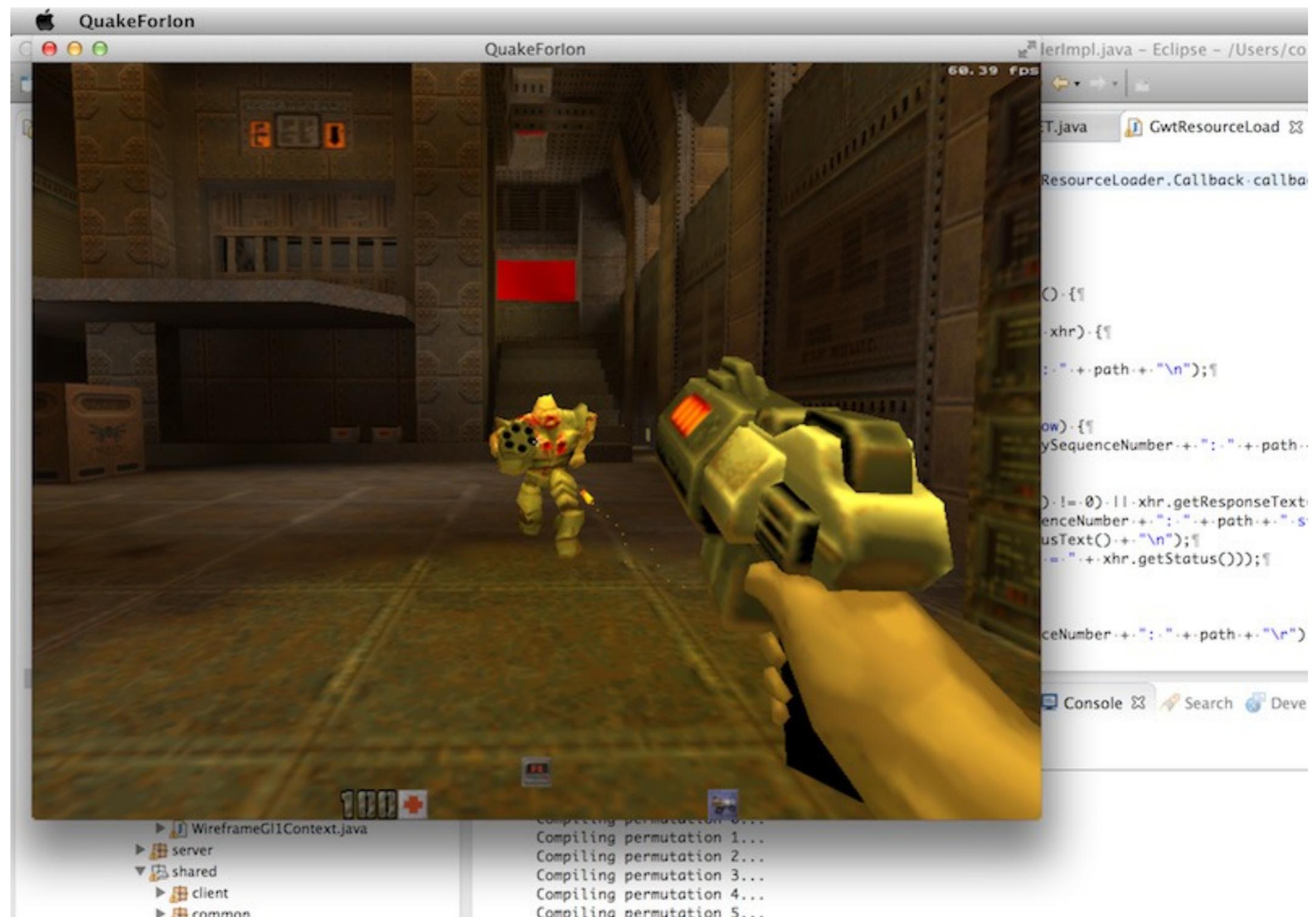


And then some

HTML







Wicked!

One code base



Home / Products / Sencha Architect



Download Sencha Architect



Download a 30-day Trial of Sencha Architect

Sencha Architect is a desktop application that helps you create

Recommended Download



Version 2.2.2 for Mac

[Download Now](#)

Other Platforms



Linux 64-bit



Windows



Linux 32-bit

Natify your app!

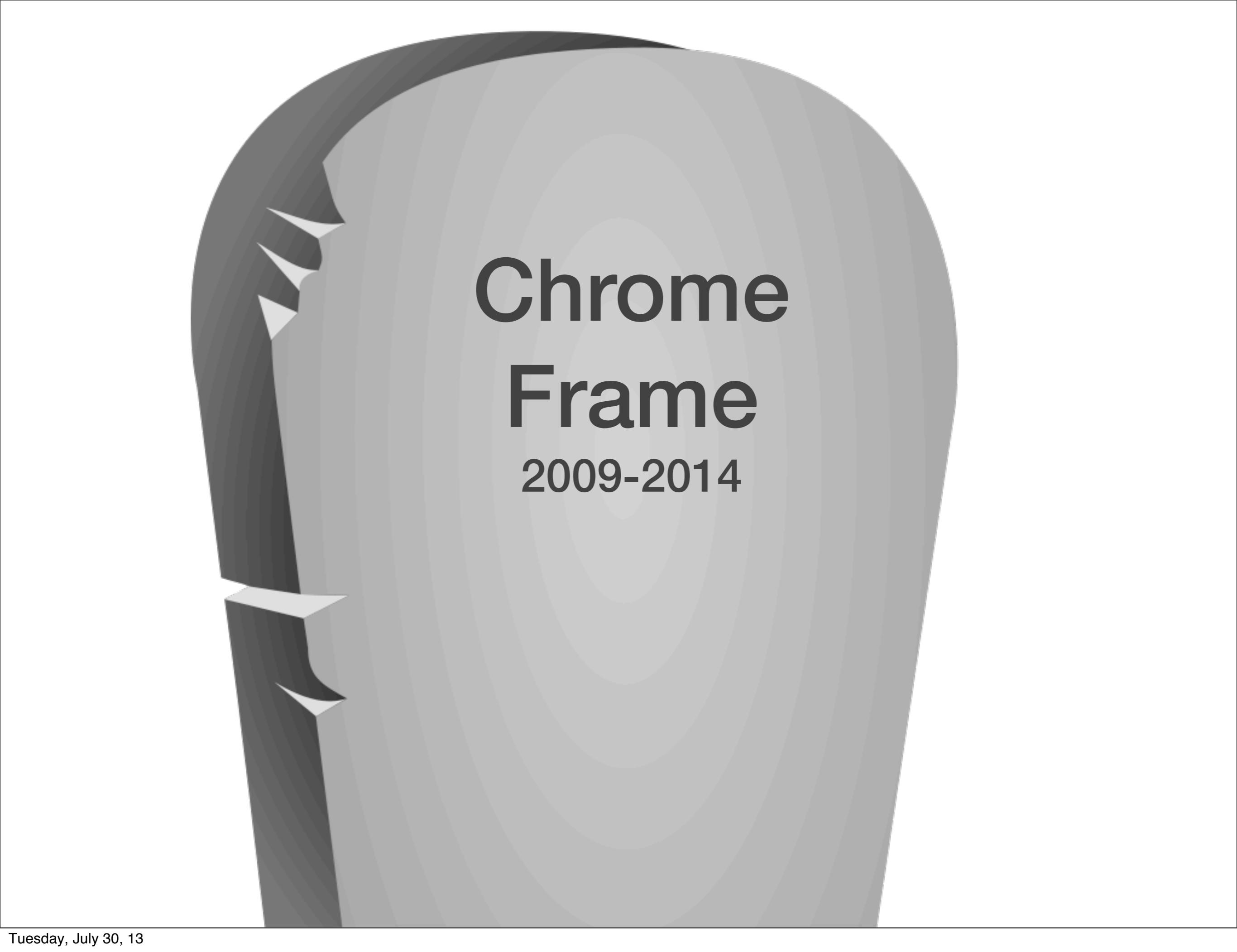
```
{  
  "organizationName": "Sencha",  
  "applicationName": "Hello World",  
  "applicationIconPaths": ["HelloWorld.ico",  
  "HelloWorld.icns"],  
  "versionString": "1.0",  
  "outputPath": "HelloWorld",  
  "webAppPath": "src/",  
  "settings": {  
    "remoteDebuggingPort": 9123,  
    "mainWindow": {  
      "autoShow": true  
    }  
  }  
}
```

Time to do

Where to?







Chrome Frame

2009-2014

Try it

Pricing

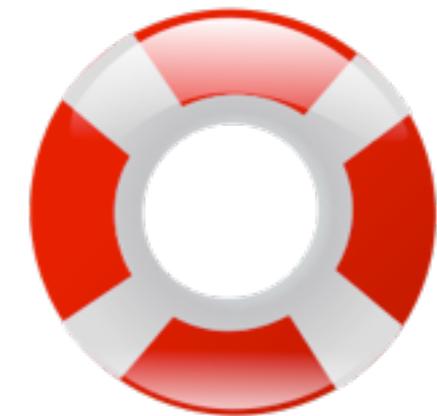


\$499



\$695

1y Support



<http://www.sencha.com/products/desktop-packager/>



Free 30 day trial

<http://www.sencha.com/products/desktop-packager>



The desktop is not a foreign
battlefield

It's yours for the taking

Take the Survey!

- Session Survey
 - Available on the SenchaCon mobile app
 - <http://app.senchacon.com>
- Be Social!
 - [@SenchaCon](#)
 - [#SenchaCon](#)

