

Build Tizen HTML5 Apps w/ Sencha Architect & Sencha Touch



TIZEN[™]
DEVELOPER SUMMIT
KOREA
2013



About me



```
/**
 * About me
 */
Ext.create("Person", {
    firstname: "Stefan",
    lastname : "Stölzle",
    company  : "Sencha, Inc.",
    //position : "Sr. Solutions Engineer",
    position : "Sales Engineer, Asia & Pacific",
    location : "Sydney, Australia",
    email    : "stefan@sencha.com",
    twitter  : "@me_stoe"
});
```



Agenda

- Sencha
 - The Company
 - Customers
 - Sencha Products
- Tizen™ & Sencha Architect & Sencha Touch
 - Demo
- Q & A





Sencha

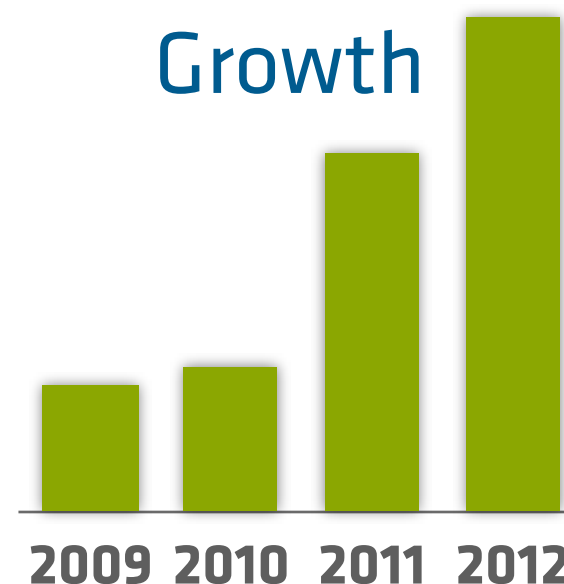


The Company

sencha.com/company

Sencha equips developers with frameworks, tools and services to help them build amazing web application experiences using HTML5 and JavaScript.

Established
2007



Over
150
employees
globally



Customers

The choice of leading businesses

Serving 60% of Fortune 100 companies

IT Services

86% of
Forbes Global 2,000



accenture



Cloud

64% of
Top Cloud Companies

salesforce.com



NETSUITE

amazon.com

CITRIX

ORACLE

vmware

RightNow

Taleo

terremark

Marketo

successfactors
An SAP Company

rackspace
the open cloud company

intuit

SOFTLAYER

Joyent

Financial Services

80% of
Top 20 U.S. Companies

Bank of America

Capital One

JPMorgan Chase

HSBC

citi

BARCLAYS

WELLS FARGO

Goldman Sachs

PNC

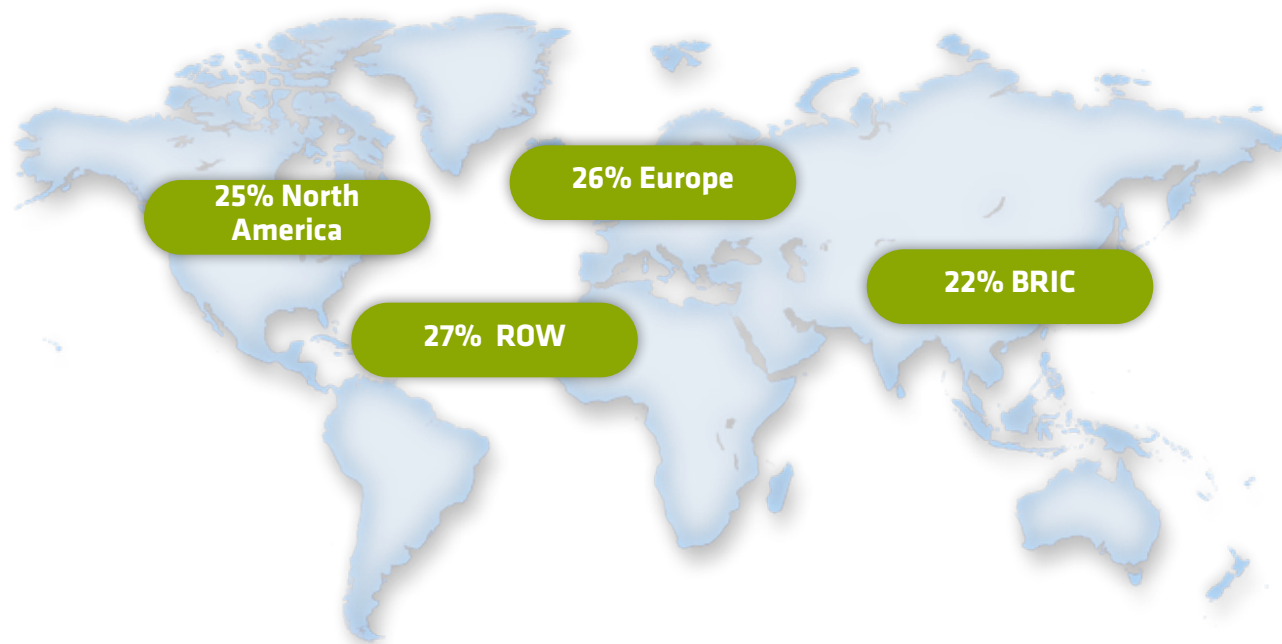
BNY MELLON

Morgan Stanley



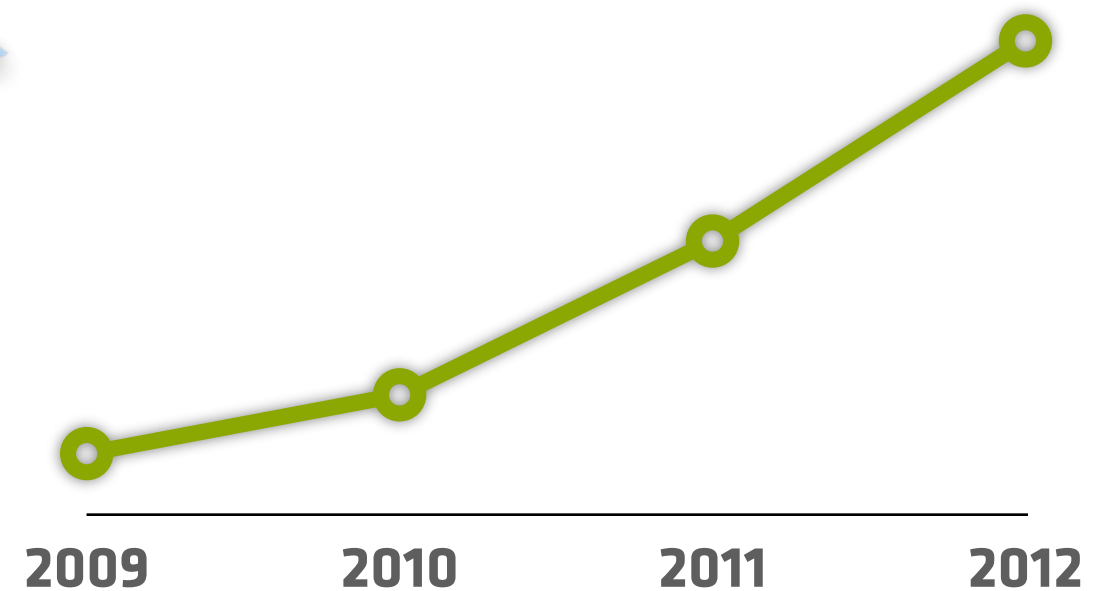
Worldwide Developer Base

Global Presence



2M Worldwide Developers

Rapid Community Growth



0.5M Forum Members



Products & Services

Design



Sencha Architect



Products & Services

Design



Sencha Architect



Develop



Sencha Ext JS



Sencha Touch



Sencha GXT



Products & Services

Design



Sencha Architect



Develop



Sencha Ext JS



Sencha Touch



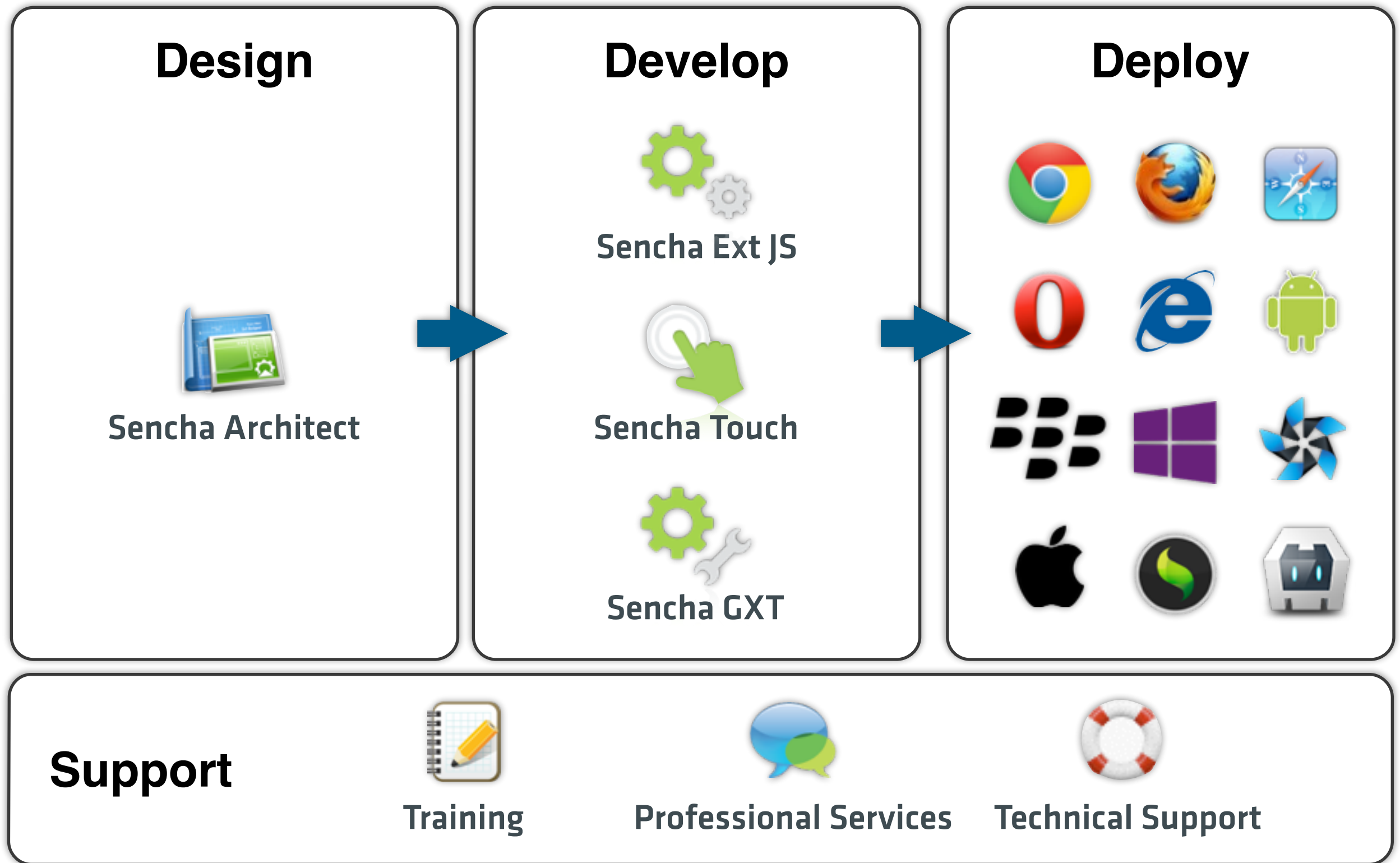
Sencha GXT



Deploy



Products & Services

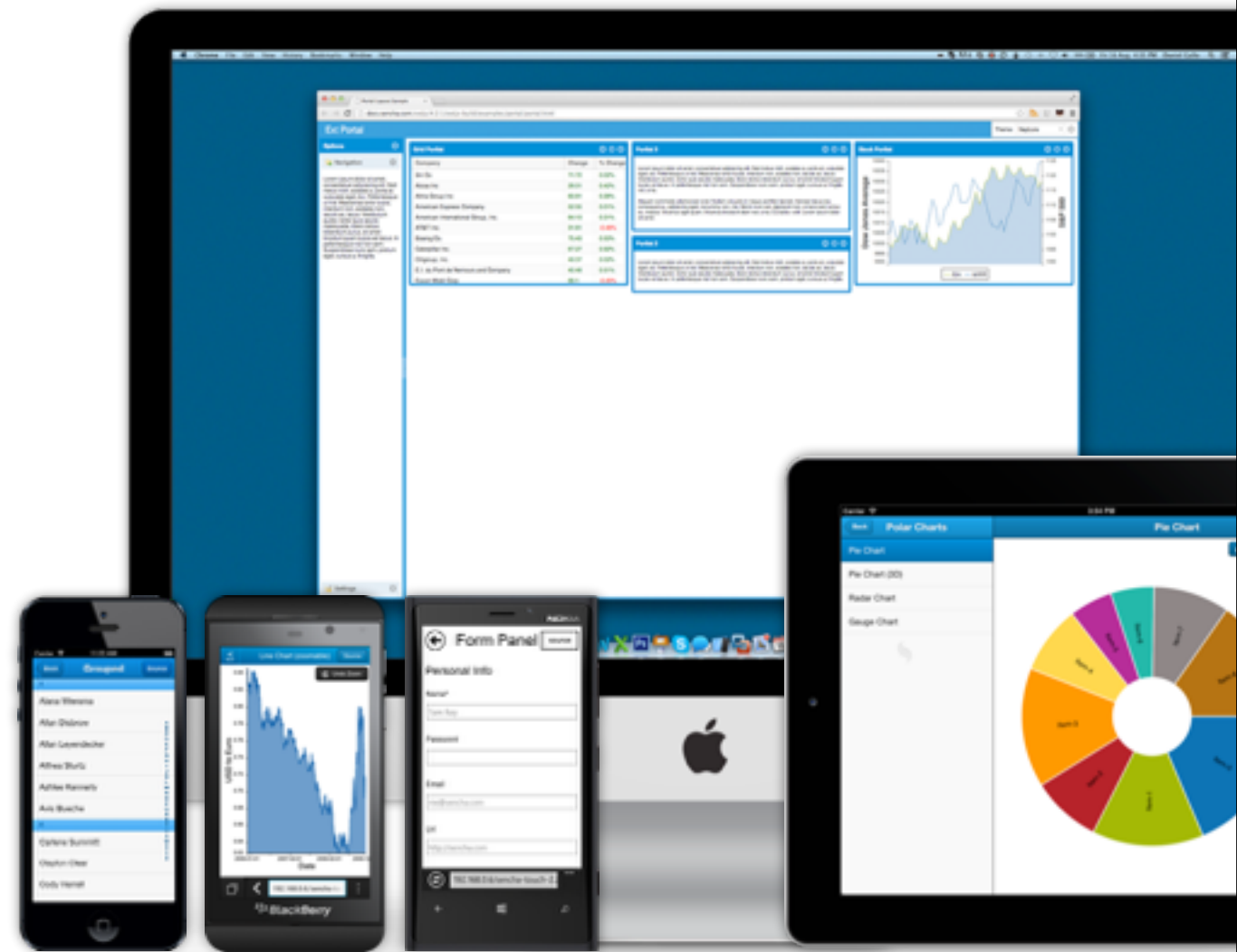


HTML5



Multi-device HTML5 Development

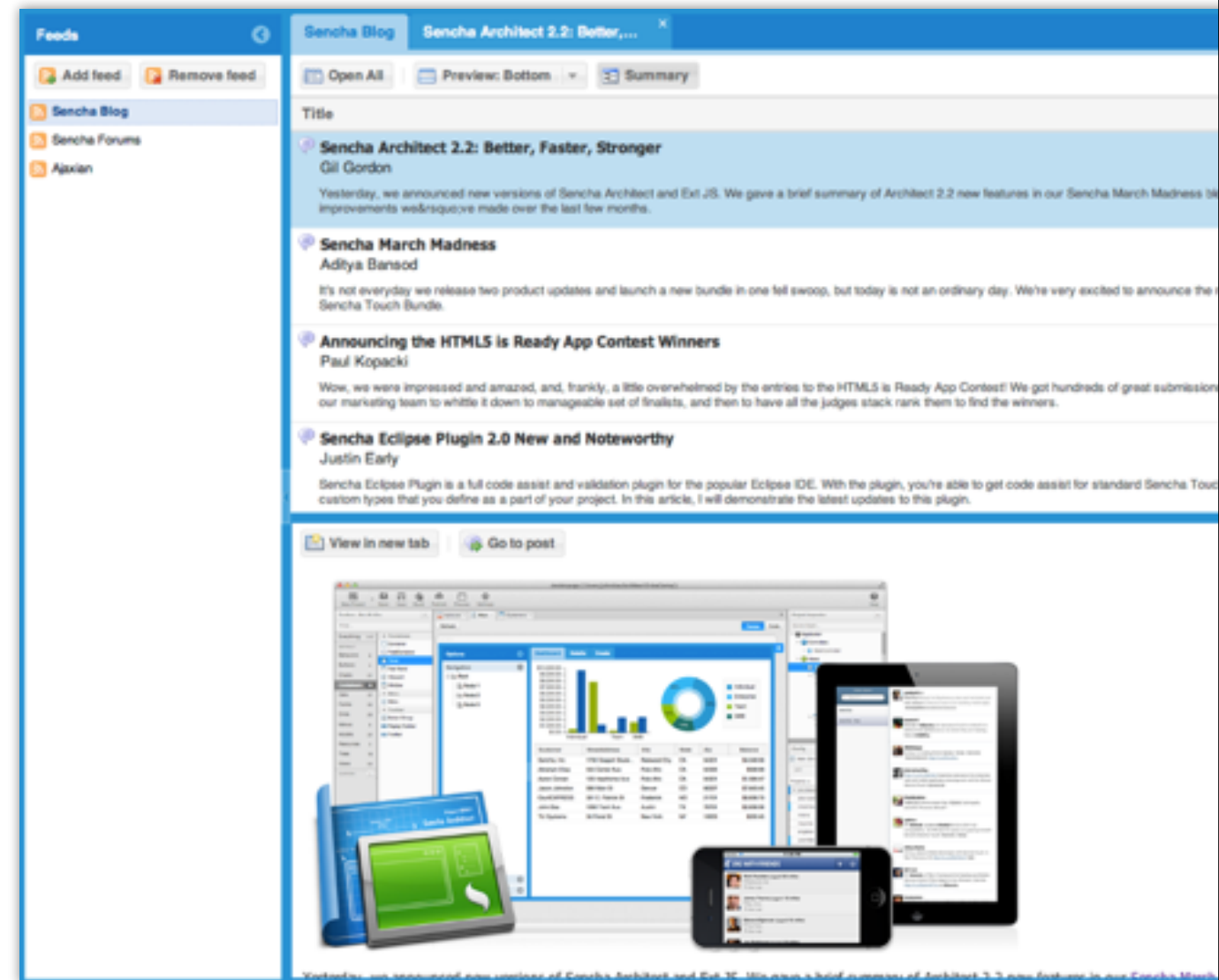
- Cross platform deployment
- High quality user experiences
- Increased developer productivity
- Mobile, tablet and desktop



ExtJS

JavaScript Framework for Rich Apps in Every Browser

- New Features / Enhancements
 - Tablet Support
 - Touch Event System & Scrolling (on supported devices)
 - Mapped Mouse Events to Touch Events
- Grid Gadgets
- Rich & Interactive Components Inside Grid Cells
- Charts Package Upgrade
- Improved ARIA Support / 508 Compliance



Sencha Touch 2.3

Mobile JavaScript Framework

- High-performance mobile HTML5 framework for cross-platform apps
- Ready-to-use mobile UI components
- Build applications that run on
 - Android
 - iOS
 - BlackBerry
 - Windows Phone
 - Tizen
- Native packaging with Cordova/PhoneGap

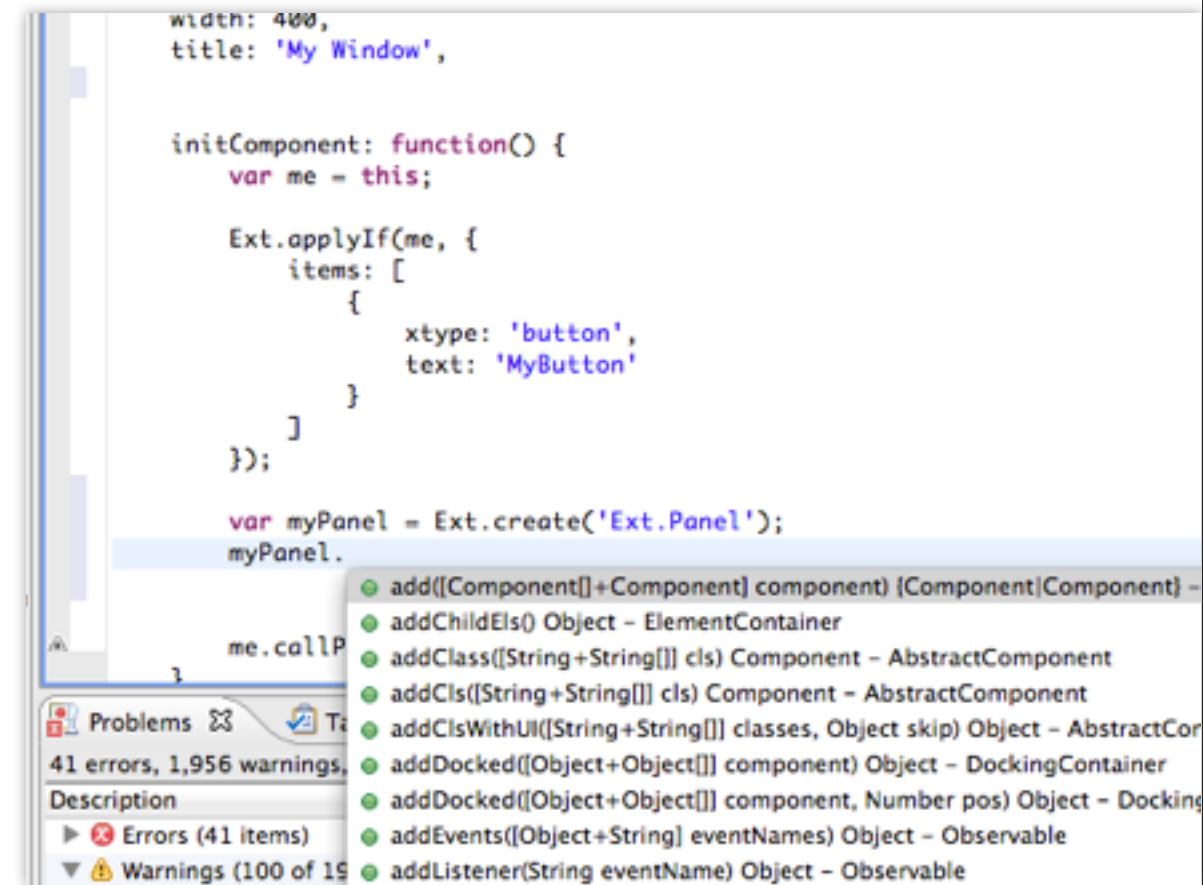
Users						
✓	Name	Miscellaneous		Identifiers		Age
		Age	Gender	Guid	Email	
684 Users		30.14 years	47% female			
—	Maya Daniels	31 years	male	fb74c3a8-5a45-40a6-83fc-	maya@teknoplexon.com	12
—	Hailey Croftoon	33 years	male	a90f1286-a1b4-4a7c-85b6-	hailey@mescaridic.com	22
✓	Zoe Gill	32 years	male	51039772-e6a0-4e5a-b129-	zoe@fibrotopia.com	32
—	Mackenzie Gilbert	30 years	male	c483c5d5-ebd5-4284-98cc-	mackenzie@qualserve.com	37
✓	Jocelyn Owen	40 years	male	0629f861-707a-4a27-a5a4-	jocelyn@roboerlogix.com	36
—	Melanie Milton	37 years	male	c4339cba-8e64-448f-96af-	melanie@fibroserve.com	39
✓	Ariana Thornton	23 years	female	e7dd430d-2e55-480e-bd35-	ariana@opkeycomm.com	29
✓	Trinity Stanley	37 years	male	e538f9b5-3395-49de-97df-	trinity@syssoft.com	15
—	Caroline Carey	33 years	female	110d88dd-797d-43c6-abd3-	caroline@dynarama.com	15
—	Peyton Davidson	34 years	male	02628621-c664-4410-989e-	peyton@techtron.com	26
—	Madison Davidson	31 years	female	1efe8903-ec12-4bdc-8680-	madison@netseco.com	18
—	Diana Hale	31 years	female	5d5800a0-8975-4a55-8d98-	diana@hidespace.com	28
← 1 / 48						



Sencha Eclipse Plugin

Code Intelligence for JS

- Reduce coding errors and increase productivity with full code complete for Ext JS and Sencha Touch
- Integrates in to existing Eclipse workflows
- Ease and simply version migrations with type libraries for each framework version
- Support for mixins, classes, inheritance, overrides, defines, etc
- Code hints and suggestions for base Ext JS and custom classes



Sencha CMD

Cross-platform command line tool

- Generating a new project
- Build processes using Ant
- Deploy for native stores directly form
 - Window
 - Linux or
 - Mac
- Slice your themes for legacy browsers

```
~ → sencha
Sencha Cmd v4.0.0.203
Sencha Cmd provides several categories of commands and some global switches.
most cases, the first step is to generate an application based on a Sencha S
such as Ext JS or Sencha Touch:

    sencha -sdk /path/to/sdk generate app MyApp /path/to/myapp

Sencha Cmd supports Ext JS 4.1.1a and higher and Sencha Touch 2.1 and higher

To get help on commands use the help command:

    sencha help generate app

For more information on using Sencha Cmd, consult the guides found here:

http://docs.sencha.com/ext-js/4-2/#!/guide/command
http://docs.sencha.com/ext-js/4-1/#!/guide/command

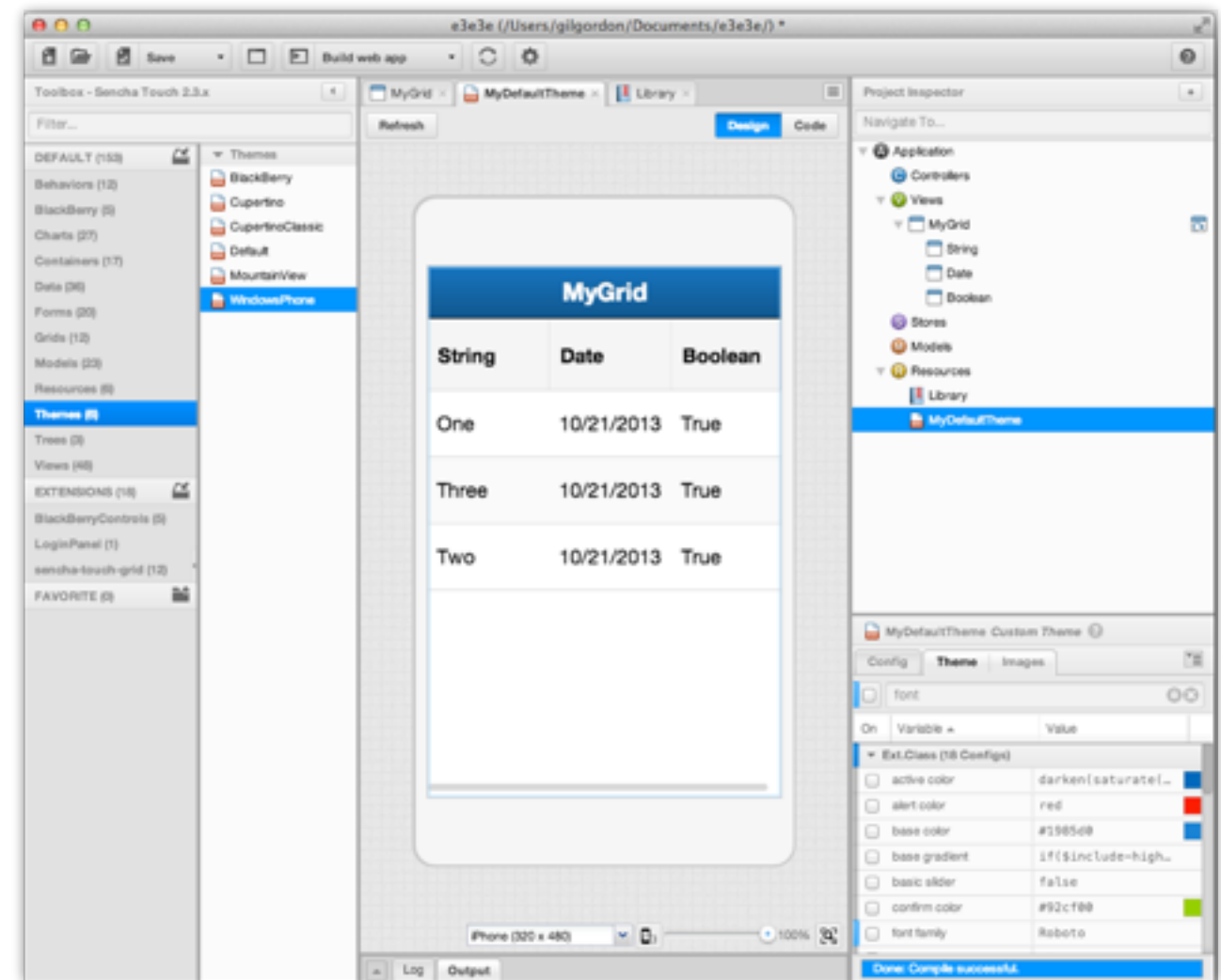
http://docs.sencha.com/touch/2-2/#!/guide/command
http://docs.sencha.com/touch/2-1/#!/guide/command

Options
* --background, -b - Runs the web server in a background thread
* --cwd, -cw - Sets the directory from which commands should execute
* --debug, -d - Sets log level to higher verbosity
* --nologo, -n - Suppress the initial Sencha Cmd version display
```



Sencha Architect 3.0

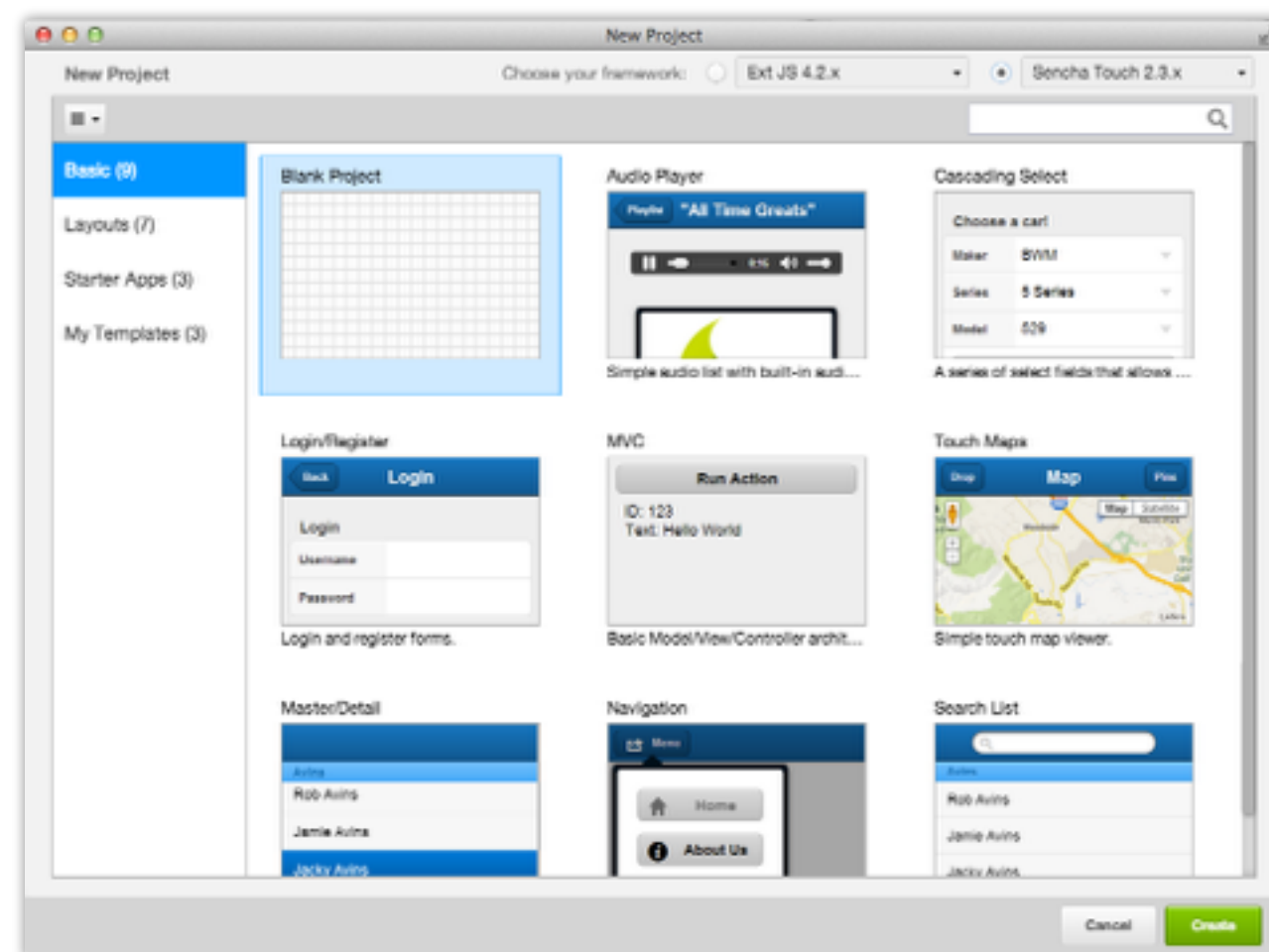
HTML5 Visual Application Building



Sencha Architect 3.0

HTML5 Visual Application Building

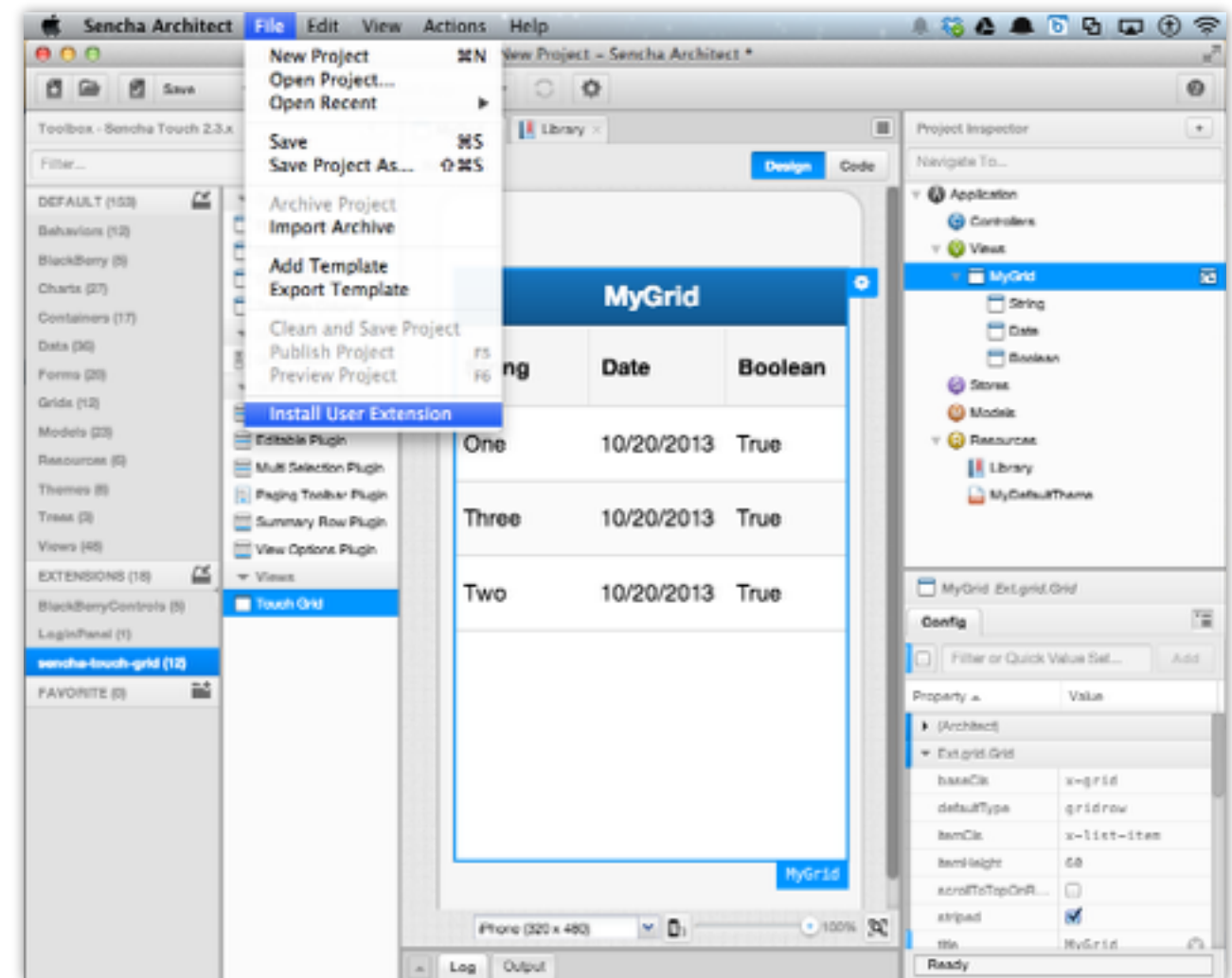
- Templates to kickstart development



Sencha Architect 3.0

HTML5 Visual Application Building

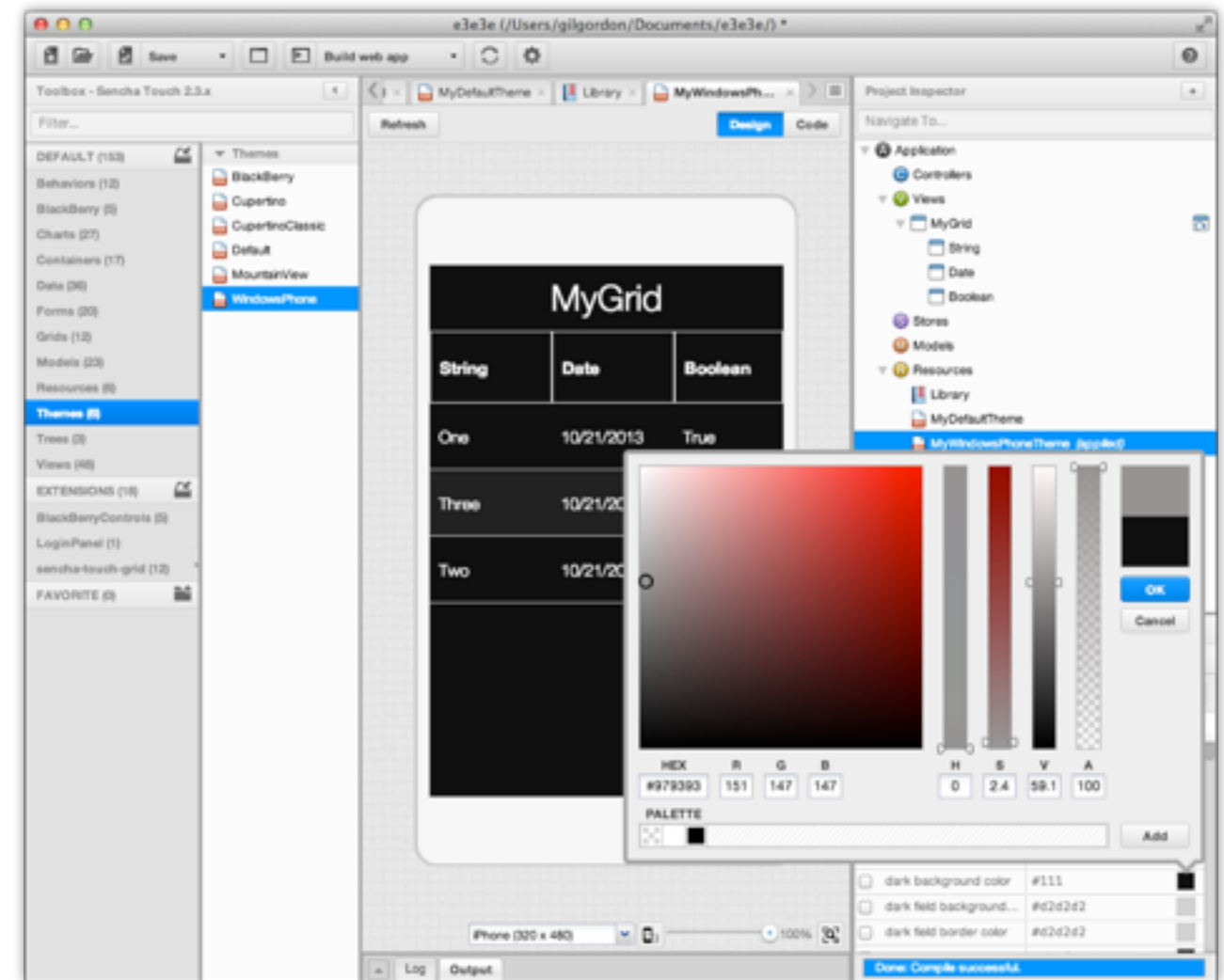
- Templates to kickstart development
- User Extensions



Sencha Architect 3.0

HTML5 Visual Application Building

- Templates to kickstart development
- User Extensions
- Styling/Theming SASS with predefined themes for
 - Android
 - iOS
 - Windows
 - Blackberry
 - Tizen*



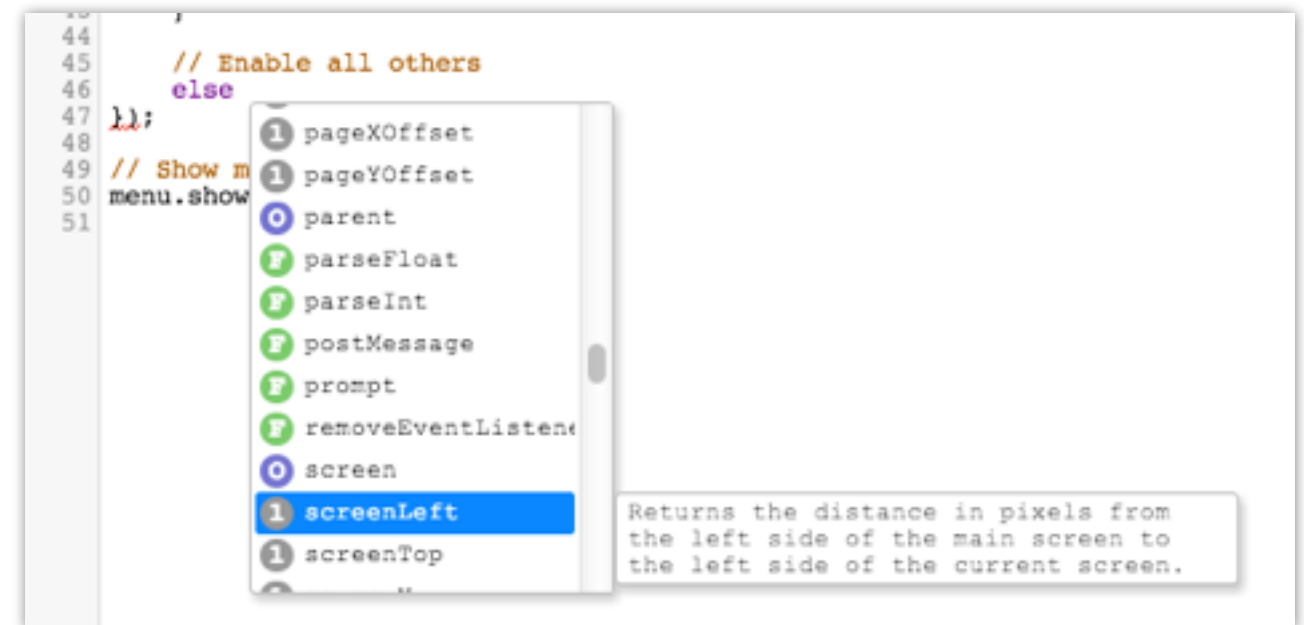
* coming soon



Sencha Architect 3.0

HTML5 Visual Application Building

- Templates to kickstart development
- User Extensions
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 - Blackberry
 - Tizen*
- Code Completion and Code Intelligence



* coming soon

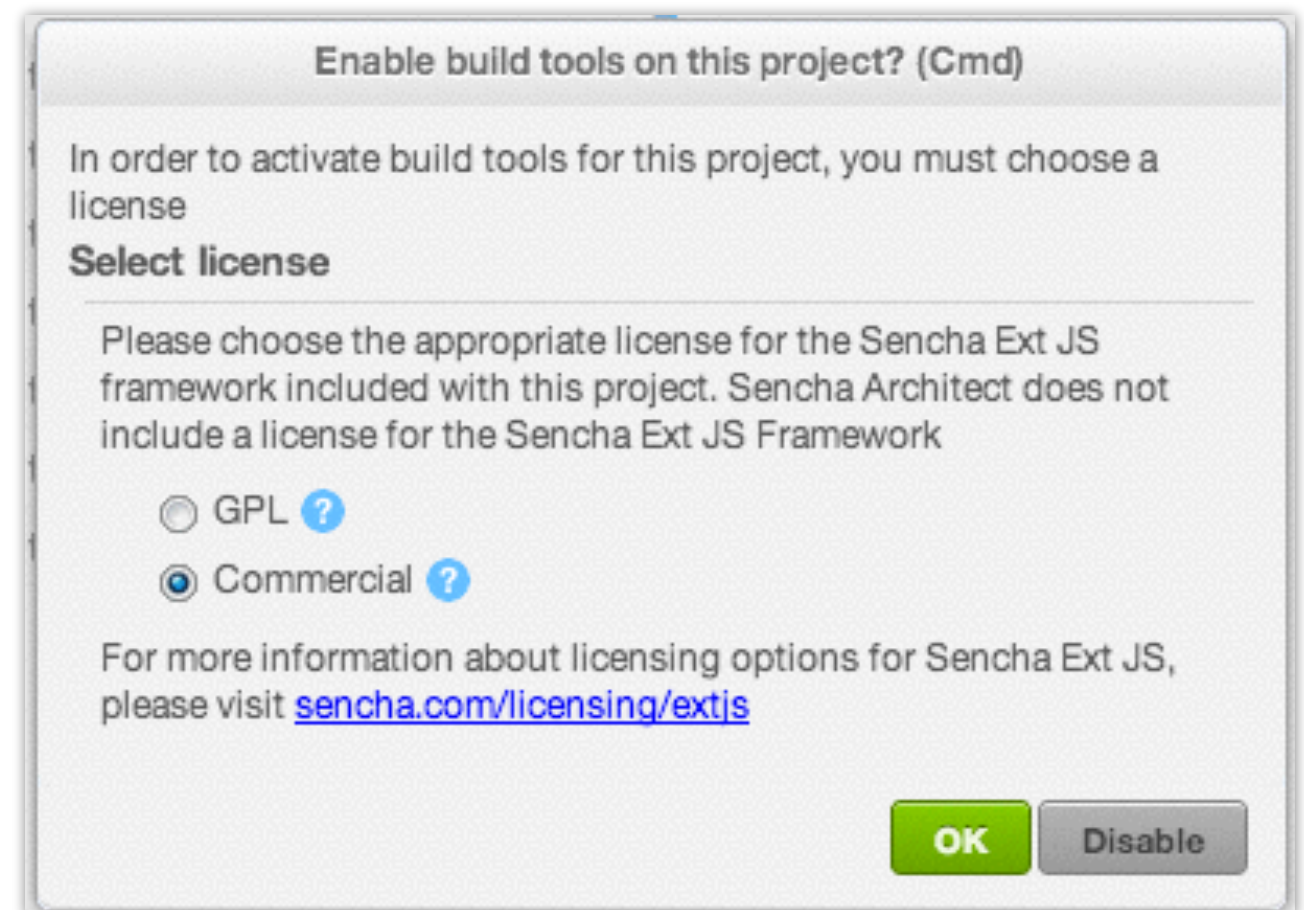


Sencha Architect 3.0

HTML5 Visual Application Building

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- Code Completion and Code Intelligence
- CMD & Framework Integration

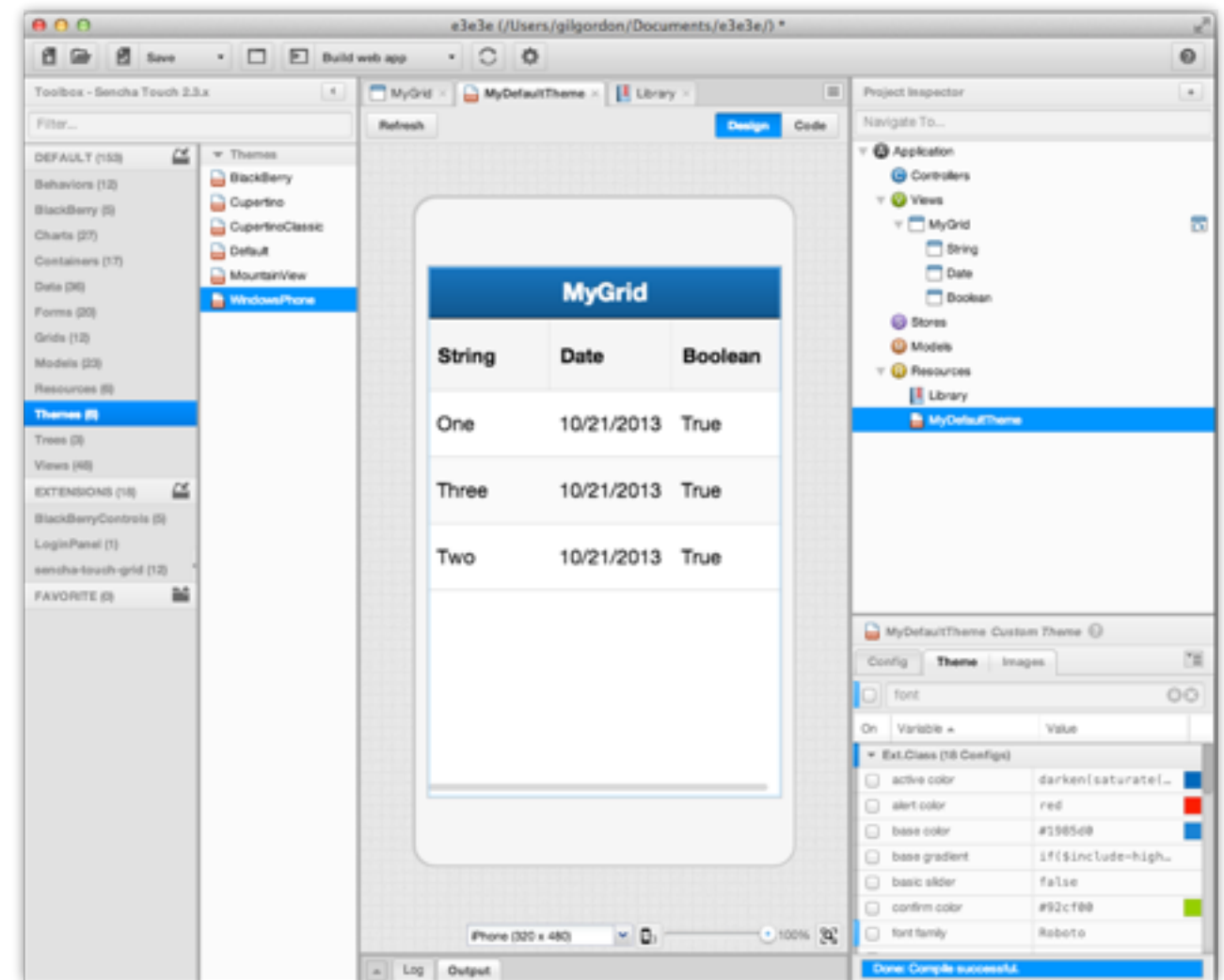
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Sencha Architect 3.0

HTML5 Visual Application Building

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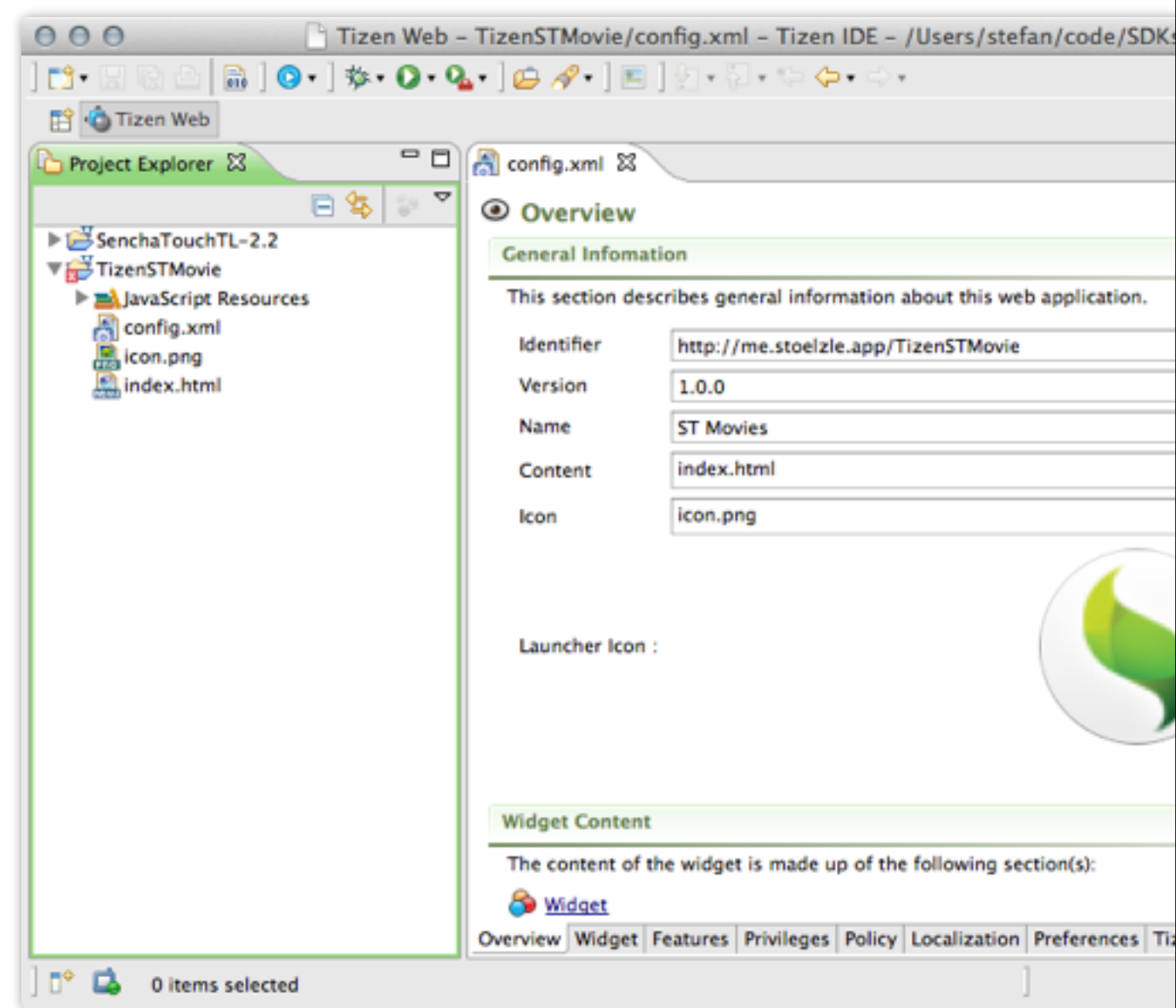


Tizen™ & Sencha Architect & Sencha Touch



Tizen™ & Sencha Architect & Sencha Touch

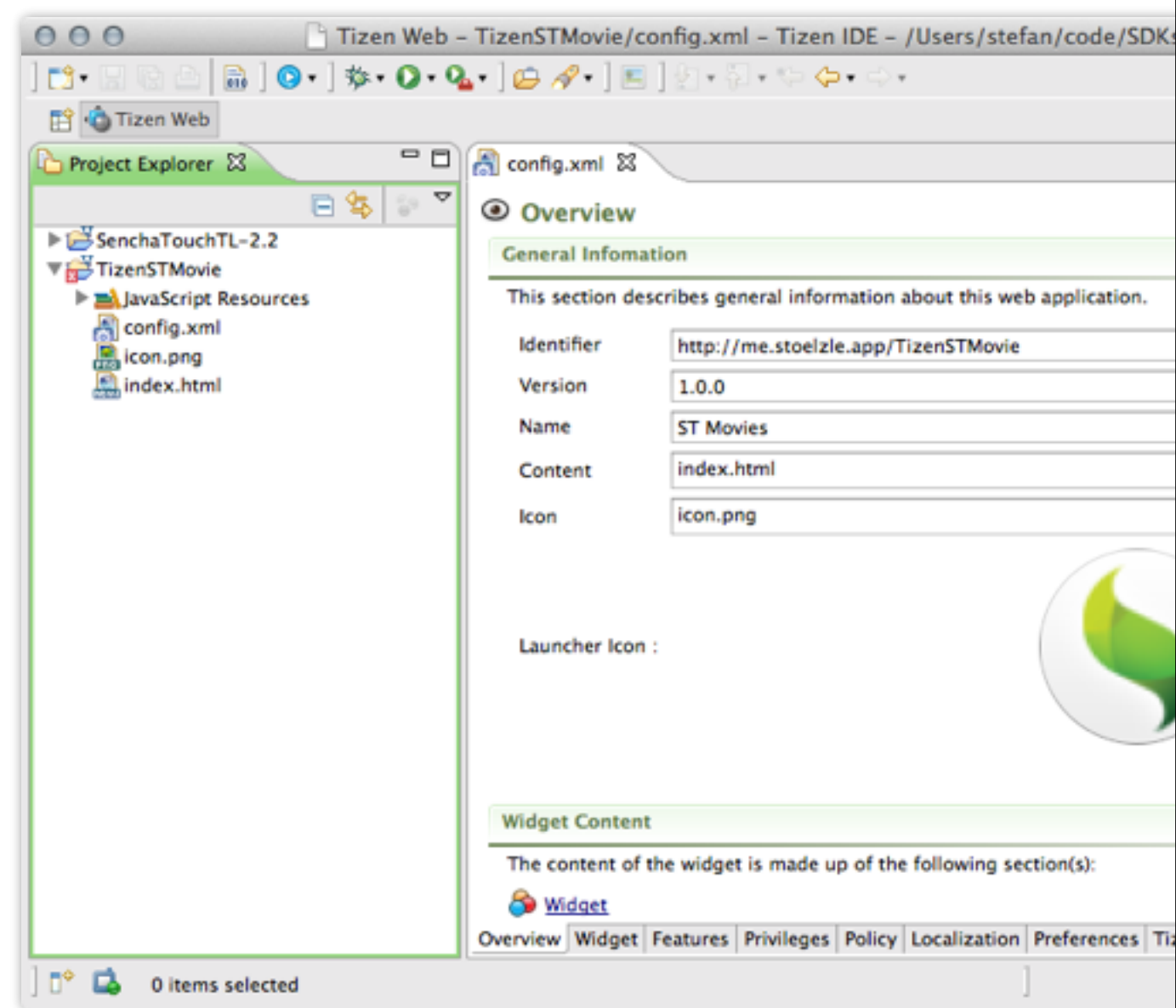
Tizen HTML5 App = TizenIDE + Sencha Architect + Sencha Touch



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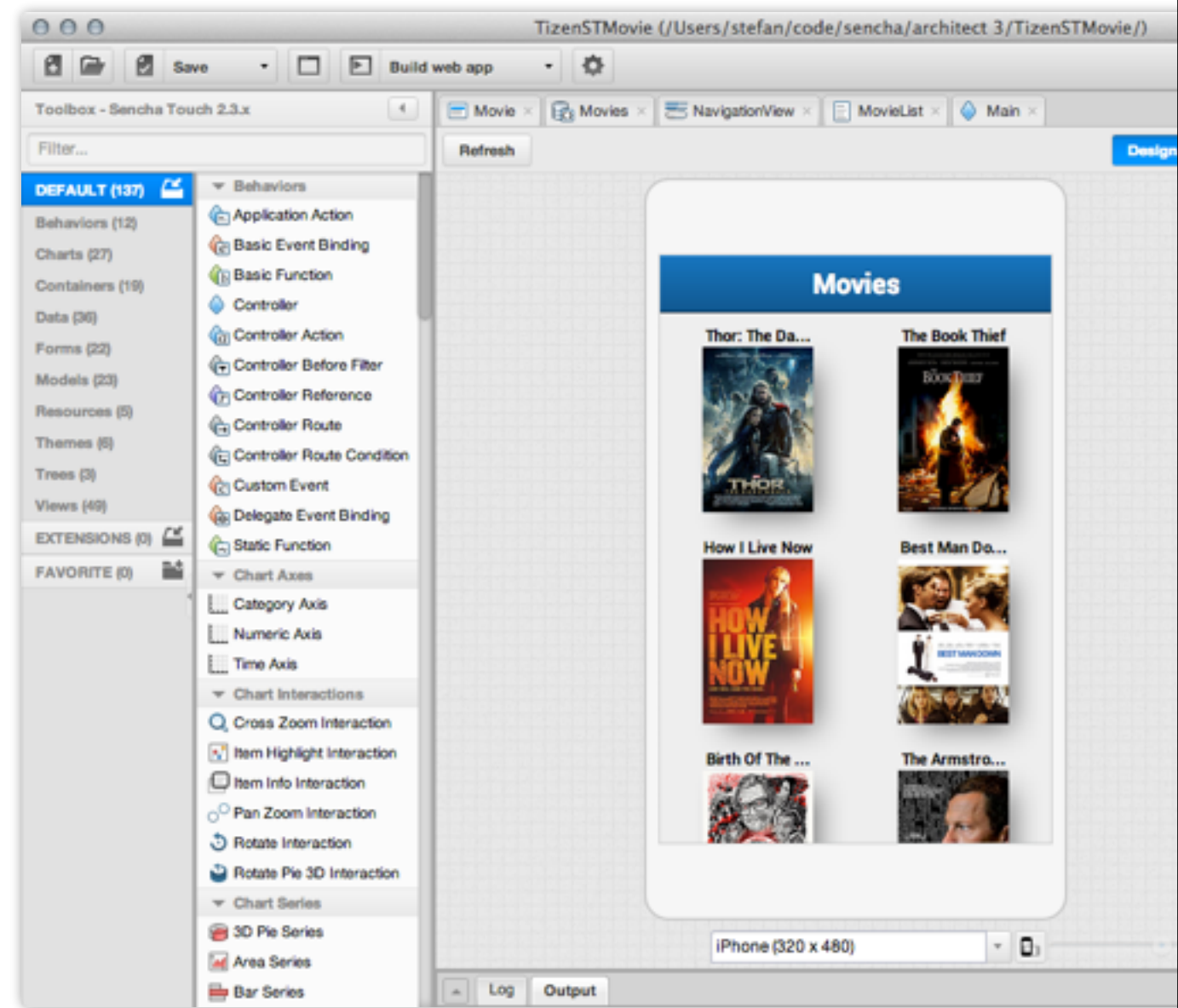
1. Create new Web Project in TizenIDE



Tizen™ & Sencha Architect & Sencha Touch

Tizen HTML5 App = TizenIDE + Sencha Architect + Sencha Touch

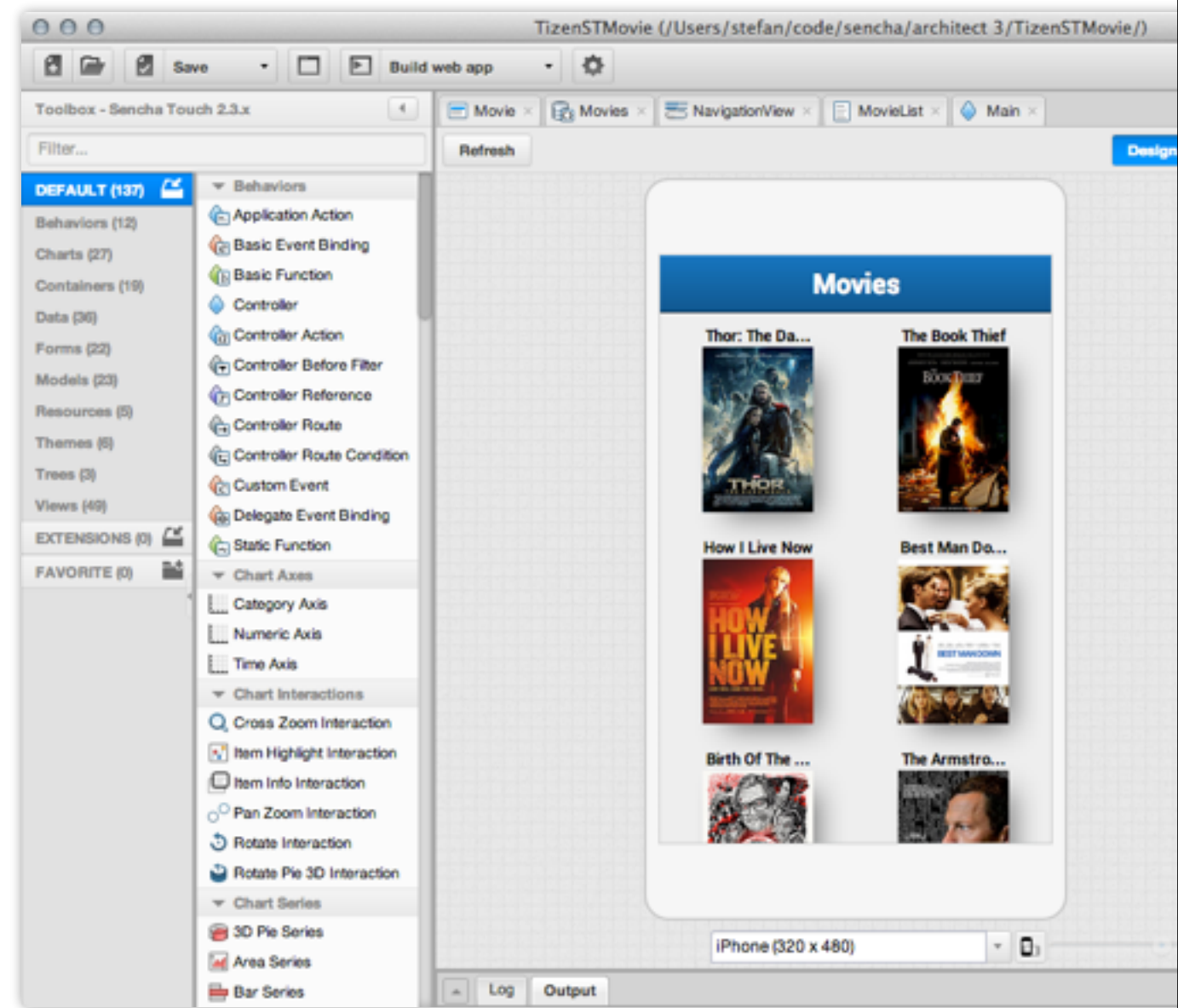
1. Create new Web Project in TizenIDE
2. Create Sencha Touch project with Sencha Architect



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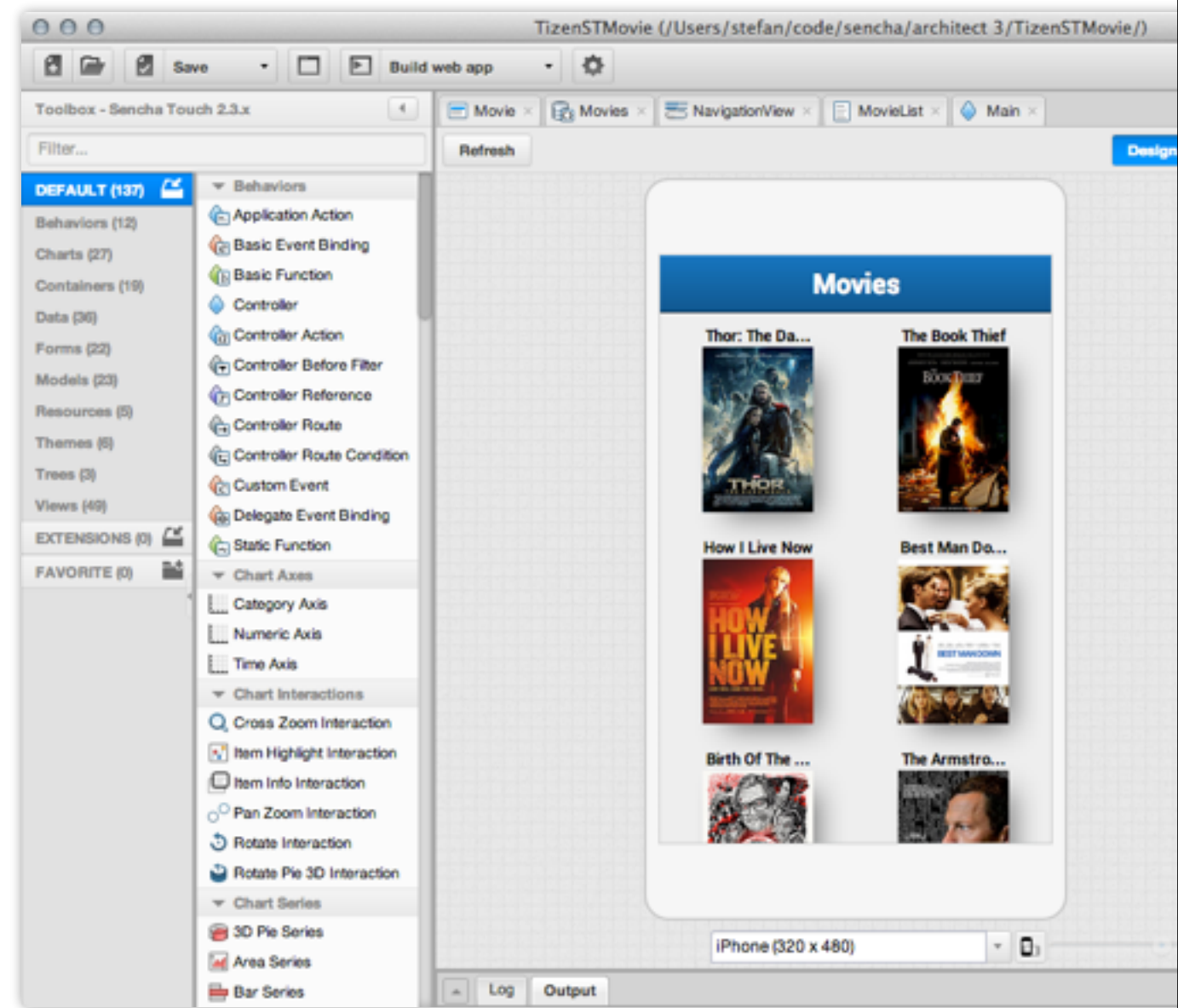
1. Create new Web Project in TizenIDE
2. Create Sencha Touch project with Sencha Architect
3. Edit Sencha Touch project in Sencha Architect



Tizen™ & Sencha Architect & Sencha Touch

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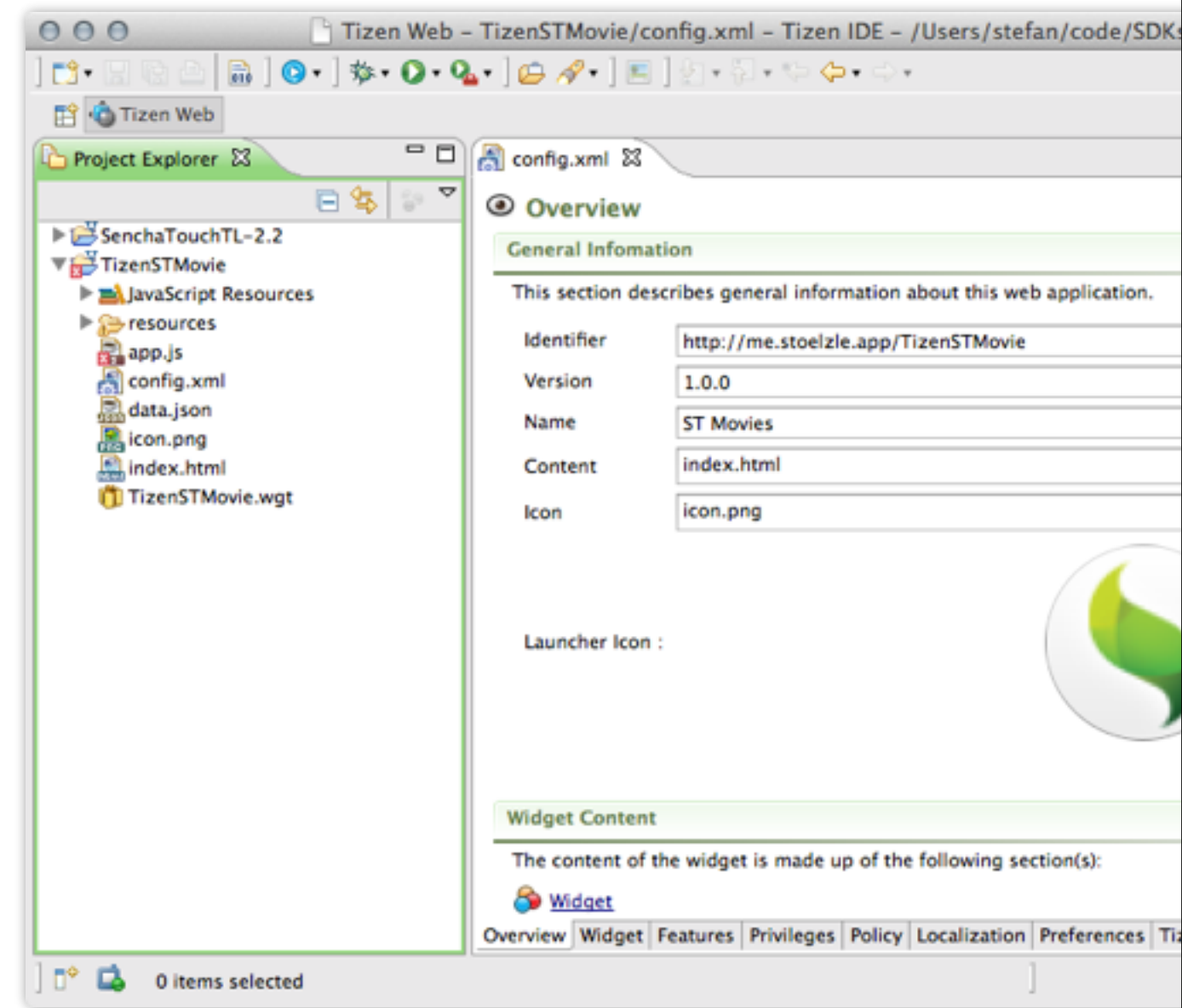
1. Create new Web Project in TizenIDE
2. Create Sencha Touch project with Sencha Architect
3. Edit Sencha Touch project in Sencha Architect
4. Build project using Sencha CMD from Sencha Architect



Tizen™ & Sencha Architect & Sencha Touch

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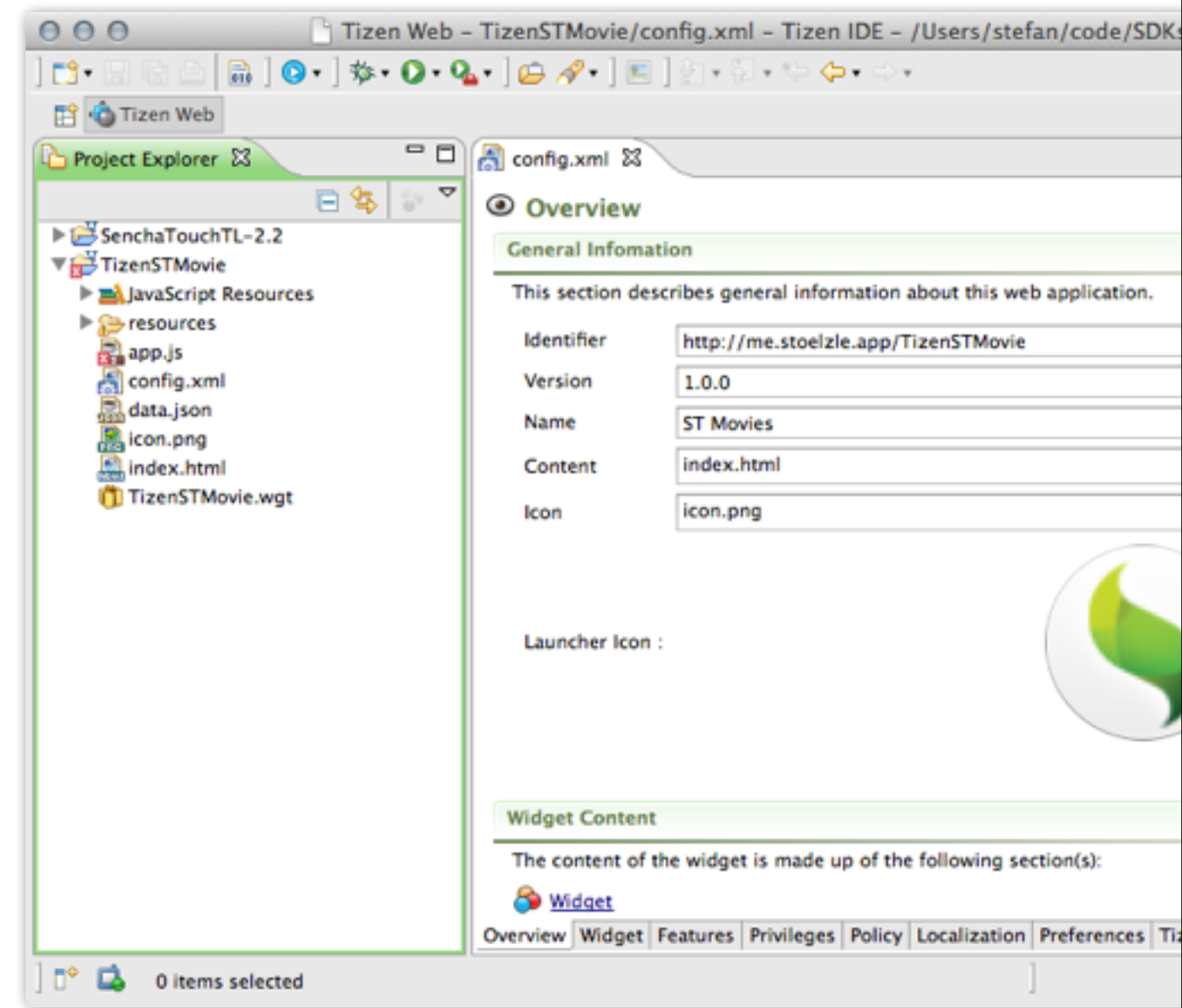
1. Create new Web Project in TizenIDE
2. Create Sencha Touch project with Sencha Architect
3. Edit Sencha Touch project in Sencha Architect
4. Build project using Sencha CMD from Sencha Architect
5. Import build into TizenIDE



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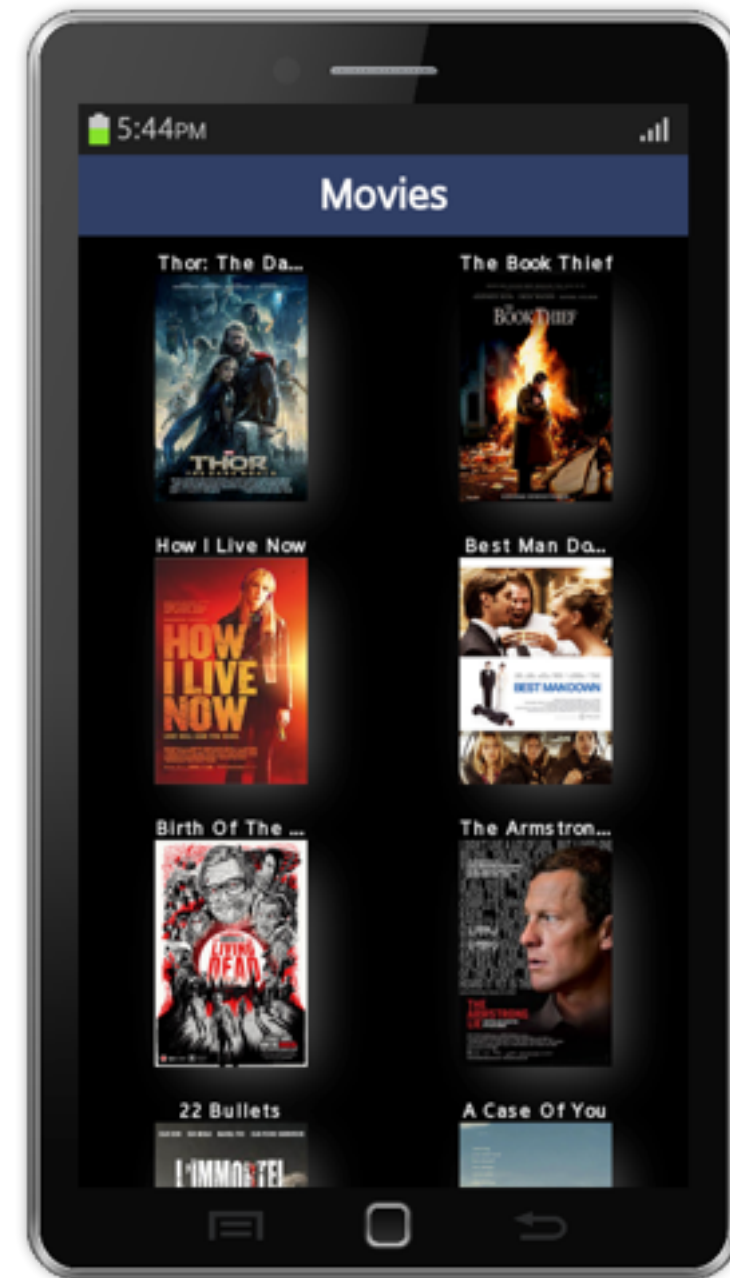
1. Create new Web Project in TizenIDE
2. Create Sencha Touch project with Sencha Architect
3. Edit Sencha Touch project in Sencha Architect
4. Build project using Sencha CMD from Sencha Architect
5. Import build into TizenIDE
6. Simulate/Build



Tizen™ & Sencha Architect & Sencha Touch

Tizen HTML5 App = TizenIDE + Sencha Architect + Sencha Touch

1. Create new Web Project in TizenIDE
2. Create Sencha Touch project with Sencha Architect
3. Edit Sencha Touch project in Sencha Architect
4. Build project using Sencha CMD from Sencha Architect
5. Import build into TizenIDE
6. Simulate/Build
7. done.



Demo





Thank you!



Q & A

