Build Tizen HTML5 Apps w/ Sencha Architect & Sencha Touch
About me

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

Established 2007

Growth

2009 2010 2011 2012

Over 150 employees globally
Customers
The choice of leading businesses

Serving 60% of Fortune 100 companies

IT Services
86% of Forbes Global 2,000

Cloud
64% of Top Cloud Companies

Financial Services
80% of Top 20 U.S. Companies
Worldwide Developer Base

Global Presence
- 25% North America
- 26% Europe
- 27% ROW
- 22% BRIC

Rapid Community Growth
- 2M Worldwide Developers
- 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

Design

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Develop

Sencha Ext JS

Sencha Touch

Sencha GXT

Deploy

Support

Training

Professional Services

Technical Support
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
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. In most cases, the first step is to generate an application based on a Sencha library 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
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HTML5 Visual Application Building

• Templates to kickstart development
Sencha Architect 3.0
HTML5 Visual Application Building

• Templates to kickstart development
• User Extensions
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HTML5 Visual Application Building

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• User Extensions
• Styling/Theming SASS with predefined themes for
  • Android
  • iOS
  • Windows
  • Blackberry
  • Tizen*

* coming soon
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Tizen™ & Sencha Architect & Sencha Touch
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Tizen HTML5 App = TizenIDE + Sencha Architect + Sencha Touch
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
Tizen™ & Sencha Architect & Sencha Touch
Tizen HTML5 App = TizenIDE + Sencha Architect + Sencha Touch

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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
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
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
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
6. Simulate/Build
7. done.
Demo
Thank you!
Q & A