

The image features a dark blue background with a white silhouette of a suspension bridge on the left and a city skyline on the right. The word "TIZEN" is written in a large, white, sans-serif font. The letter "Z" is highlighted with a blue gradient. A small "TM" trademark symbol is positioned to the upper right of the letter "N".

TIZEN™

DEVELOPER
CONFERENCE
MAY 7-9, 2012

**Rapid Interface Builder
& Web Simulator**

Shane Bryan & Jason Hu

Rapid Interface Builder (RIB)

Project 01.org/rib

Source [Github.com/01org/rib](https://github.com/01org/rib)

Contact #rib on freenode or rib@lists.01.org

Maintainers Geoff Gustafson, Shane Bryan

Contributors John Chen, Xu Zhang, Donna Wu, Max (Xiaoyang) Yu, Chao Liu, Carl Wong, Jun Tian

RIB is

Web Applications ✓

Wizard ✓

Generator ✓

jQM & web-ui-fw widgets ✓

RIB isn't

✗ Web Sites (Pages)

✗ IDE

✗ Iterator

✗ All HTML* elements

Demo

TIZEN™ DEVELOPER
CONFERENCE
MAY 7-9, 2012

Planned

- Additional HTML, jQM and web-ui-fw “widgets”
- Expand supported properties
- Basic event handlers
- WGT package export
- Public JIRA bug tracking
- Track upstream toolkit releases and multi-version support

Exploring

- In-line text content editing
- Compound widgets
- D-n-d to/from outline view
- Multi-file (js/css/html) support
- Custom HTML “blocks”
- Cross-browser support
- More brainstorming:
tinyurl.com/rib-scratchpad

Where can I get the Web Simulator?

- Download from <https://01.org/web-simulator>
- Integrated into Tizen IDE
 - Right-click your web project
 - Select "[Run As->Tizen Web Simulator Application](#)"

Web Simulator in a nutshell

- A light-weight tool for developing mobile web applications
- Provides UI mock-up on platform devices
- Provides simulated Tizen Device APIs
- Runs on Chrome
- Based on Ripple-UI Framework

How would the Web Simulator help me?

- Quick device view of UI
- Configuration File validation
- Reading data from device API
- Event Handling/Error handling
- Interaction with APIs
- Debugging – via Web Inspector

Demo

TIZEN™ DEVELOPER
CONFERENCE
MAY 7-9, 2012