• Why do we need it?
• Map of Infrastructure
• Current Features
• Roadmap of Features
• Who’s Involved
Why do we need it?
Diverse audience!

Primary
• Application Developers: write applications to run on top of Tizen
• Platform Developers: kernel/distribution developers, release engineers, quality assurance, etc.
• Vendors: companies who create products based on Tizen

Secondary
• Users: people who run Tizen on their device and provide feedback
• Other Users: promotion, press
Growing number of developers!
Geographically Disperse!
First time to Tizen
First time to HTML5
Map of Tizen Infrastructure
Websites (Drupal CMS)

Main – https://www.tizen.org
  • Main project website
  • Overview information across the project
  • Audiences: ALL, general interest, press, bloggers

Developers – https://developer.tizen.org
  • Application Developer website
  • Information required to develop applications for Tizen
  • Audience: application developers

Source – https://source.tizen.org
  • Platform Developer website
  • Information about getting source code and building from source
  • Audiences: platform developers, vendors building products on Tizen
Wiki (MediaWiki)

https://wiki.tizen.org

- Community driven
Bug Tracker (JIRA)

- [http://bugs.tizen.org](http://bugs.tizen.org)
- Report bugs and request new features
- **Current JIRA Project Categories**
  - Tizen Mobile: Core, Webkit, Kernel, Framework, Samples…
  - Tizen IVI: Generic, Wayland, Webkit, Connectivity…
  - Tizen Common
  - Tizen SDK: IDE, Emulator, Documentation, Installer, Web Simulator
  - Development Tools: GBS, MIC
  - Tizen Infrastructure: Websites, Jira, Mailing lists, Wiki
  - Tizen Policies: Community Process, Trademark and Copyright
  - Tizen Web API
Git and Gerrit

- **https://review.tizen.org/git/**
  - Tizen Project uses *git* for managing source code
  - SSH Key registration required for *git clone/checkout*

- **https://review.tizen.org/gerrit**
  - Developer can submit patches to Gerrit review system
  - Source Code reviewers can be found at [https://source.tizen.org/documentation/tizen-source-code-reviewers](https://source.tizen.org/documentation/tizen-source-code-reviewers)
OBS (Open Build Service)

- [https://build.tizen.org](https://build.tizen.org)
- Open source distribution development platform for Linux distributions
- Used by openSUSE, Tizen and other distributions
- Access only available for Release Engineering Team
- Community developers should use *Git Build System (GBS)*
Download Server

- [http://download.tizen.org](http://download.tizen.org)
  - Download latest packages, official releases

- [http://cdn.download.tizen.org](http://cdn.download.tizen.org)
  - Content Distribution Network through AWS
  - Closer proximity to downloads
  - Bandwidth optimization
Mailing Lists

- https://lists.tizen.org - subscription, archives
- general@lists.tizen.org - for general discussion
- application-dev@lists.tizen.org - application development
- product-dev@lists.tizen.org - platform development
- ivi@lists.tizen.org - In-Vehicle Infotainment (IVI)
- announce@lists.tizen.org - announcements about Tizen project where only admins can post to list

- REMEMBER everything you post to the mailing lists is PUBLIC, will live on the internet FOREVER and CANNOT BE DELETED, so think carefully before posting.
IRC

• Primary Channel
  • #tizen at irc.freenode.net
• #tizen IRC Logs
  https://www.tizen.org/irclogs
www.tizen.org

- Account management across all tizen.org services
  - All account updates should happen here
  - LDAP backend
  - Can control access to services easily
- About
  - What is Tizen
  - Tizen Brand Guidelines
- Community
  - Contribution Guidelines
- Blogs
  - project announcements
- Events
  - Tizen Developer Conference
  - Other conferences where Tizen may have a presence
www.tizen.org: access request

- **Platform Review Service (Gerrit)**
  Access to this service should only be requested by platform developers who are maintaining or reviewing code.

- **Platform Build Service (OBS)**
  Access to this service should only be requested by release engineers who are building Tizen.

**Application details**

Enter an explanation for how you will use the role, if it is granted.

APPLY
developer.tizen.org

• SDK Downloads
• SDK Release Notes
• Documentation (creating apps)
• Forums
• API References
• Contests
• Development Unit Applications
• Blogs (application developer focused)
developer.tizen.org: forums

- [https://developer.tizen.org/forums](https://developer.tizen.org/forums)
- Categories
  - General Support
  - Web App Development
  - Native App Development
  - SDK & IDE
Responsive Design Challenges

- 3 separate home pages
- Mobile menu with multiple levels of navigation
- Content within pages
  - Images
  - Tables
  - Etc
Editorial Workflow

- [link](https://developer.tizen.org/tizen/editorial-workflow)
- Allows content to follow an editorial process
- Assignments based
- More authors of content
- New drafts of published content
Editorial Workflow

- Author
  - Create content or have it assigned to them
- Reviewer(s)
  - Technical review and editing
- Editor
  - Language and grammar editing
- Publisher
  - Final review and publishing
# Editorial Workflow: My Content

## My Content

<table>
<thead>
<tr>
<th>TITLE</th>
<th>ASSIGNMENT</th>
<th>LAST UPDATE</th>
<th>FEEDBACK</th>
<th>STATE</th>
<th>LINKS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Geolocation Tutorial</td>
<td>Author (view all assignees)</td>
<td>23:14 MAY 02 2013 BY Michael Shaver</td>
<td>Editing</td>
<td></td>
<td>View Draft Manage Revisions</td>
</tr>
<tr>
<td>Published content</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Working with the Alarm API</td>
<td>Author (view all assignees)</td>
<td>23:11 MAY 02 2013 BY Michael Shaver</td>
<td>View</td>
<td>Published</td>
<td>New Draft View Published Manage Revisions</td>
</tr>
<tr>
<td>Web Control in Tizen</td>
<td>Author (view all assignees)</td>
<td>23:10 MAY 02 2013 BY Test Account Author</td>
<td>View</td>
<td>Authoring</td>
<td>Edit Draft Manage Revisions</td>
</tr>
</tbody>
</table>

*Indicates content is your responsibility in the workflow now*
Documentation Feedback

• Provide feedback on documentation for author

File attachments: imagetouchslide.zip

Category: Sample Code
Tags: Tizen::Ui, Touch

Report issues or improvements with documentation

Do you see a problem you’d like to report?
Content Styles

- [https://developer.tizen.org/tizen/styles](https://developer.tizen.org/tizen/styles)
- Used to help with layout and design of documentation
- General web styles that can be used when authoring content
  - Headers
  - Bullets
  - Code
  - Images
  - Notes
  - Links
  - Buttons
  - Etc
Localization of sites

- **Lingotek translation management**
- **Interface Translation First**
- **Content Translation Workflow:**
  1. Content authored
  2. Pushed to Lingotek backend
  3. Machine Translation
  4. Translation Memory
  5. Professional Post Editing
  6. Pulled back into sites

- **Community Translations**
  - Same as above but community translators would do the post editing and there would be a final review
Localization: Community Translations

The 2nd annual Tizen Developer Conference is a technical conference for Tizen developers, app developers, ISVs, Platform designers, and more. The conference features technical sessions, hands-on workshops, and networking opportunities to help developers build and deliver apps for the Tizen ecosystem.
Roadmap of Features
Dev Guide Migration

Using the help system

Browse topics in the Contents frame ( ) on the left. Click on a topic to have it displayed. Use the Back and Forward buttons to navigate within the history of viewed topics.

Searching

To quickly locate topics on a particular subject in the documentation, enter a query in the Search field. Use the Search frame ( ) to display the Search view. You can narrow the scope of your search by selecting only the sections you are interested in.

Synchronizing

Clicking the Show in Table of Contents button ( ) will select that topic in the navigation tree. The Link with Contents button ( ) keeps the navigation tree synchronized to the current topic.

Capabilities

To show documentation about capabilities that are disabled in the application, select the Show All Topics button ( ). This affects the table of contents and search results.
Dev Guide Migration

- Import content into CMS (Drupal)
- Retain navigation structure
- Apply editorial workflow to content
- Localization of content
- Export structure and contents for packaging in each new release of the SDK
Documentation Improvements
Content Staging

• Allow collections of content or documentation to be previewed before publishing
• View site as it would look at a future date
• Publish the collections on a schedule
Advanced Search Across Tizen

• **Search across all sites**
  • https://www.tizen.org
  • https://developer.tizen.org
  • https://source.tizen.org
  • https://wiki.tizen.org
  • https://bugs.tizen.org

• **Apache Solr**
W3C & Tizen API Support

Battery Status API

<table>
<thead>
<tr>
<th>ATTRIBUTE</th>
<th>TIZEN VERSION</th>
<th>SUPPORT LEVEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>BatteryManager.ondischargingtimechange</td>
<td>2.1</td>
<td>yes</td>
</tr>
<tr>
<td>BatteryManager.chargingTime</td>
<td>2.1</td>
<td>yes</td>
</tr>
<tr>
<td>NavigatorBattery.battery</td>
<td>2.1</td>
<td>yes</td>
</tr>
<tr>
<td>BatteryManager.level</td>
<td>2.1</td>
<td>yes</td>
</tr>
</tbody>
</table>
Accommodate Additional Device Types

• Site is primarily focused on handset
• Need to re-architect certain areas to accommodate other device types, such as IVI, PC, TV, other?
  • Releases & Downloads
  • Promotion
  • Forums
Other Features???

We need input from community using the infrastructure

• What are you using?
• What is useful?
• What is missing?

Submit requests to [https://bugs.tizen.org](https://bugs.tizen.org)
• Tizen Infrastructure Project
• Websites Component
Who’s Involved
Community Team

- Thiago Macieira
- Michael Shaver
- Shira Womack
- Daniel Holmlund
- Brian Warner
- Sriram Ramkrishna
- Eric Mantion
- Michael Ludden
- 지명진 Myeongjin Ji
- 마재준 Jaejun Ma (JJ Ma)
- 이성진 Seongjin Lee
- 한대호 Daeho Han
- 정대현 Daehyeon Jeong
- 최태호 Taiho Choi

- 박노준 Nojoon Park
- 이명재 Myungjae Lee
- 김홍익 Hongik Kim
- 정동신 Dongshin Jung
- 장혜경 Hyekyeong Chang
- Junyoung Park
- Julio Staude
- Stewart Christie
- Kirill Chuvilin
- Hiroki Minagawa
- Amarnath Kona
- Matsuzono Katsuki
- Romuald Rozan
- Youngsik Yoon
Development Team

• Lullabot (Drupal Development Agency)
• http://www.lullabot.com/

Design

• Claire Alexander
• Cyrene Domogalla
Questions?