



# Open A11y

## “Open Accessibility”

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## Who Benefits?

- **For individuals who are blind, visually, or mobility impaired**
- **Empowers developers, distributions, ISVs**



# The Business Case for A11y Standards

- **More than just "the right thing to do"**
- **The LSB and Open A11y can help sell Linux for use by civil servants per Section 508.Gov, Massachusetts regarding ODF, and European Union.**
- **The LSB helped Red Hat achieve DII-COE compliance to sell Linux to the government in combat situations. The Linux Foundation could do the same for accessibility.**



# Making A11y Easy

- **Everyone doesn't need to be an a11y expert for a11y to work for everyone.**
  - Support built into toolkits -- GTK2, QT 4.3
  - Supporting AT through a standard messaging bus (AT-SPI)



# Where We Are Today

- **Keyboard functional specification**
- **Accessibility Toolkit (ATK)**
- **Assistive Technology Service Provider Interface (AT-SPI)**



# Keyboard Functional Specification

- **Keyboard Functional Specification is ready**
- **Would like to ask if the Linux Foundation is ready to receive?**
- **What product standard would utilize the Open A11y's keyboard specification?**
- **Would like to ask if the LF or LSB can write tests for the assertions?**



# Accessibility Toolkit (ATK)

- **The LSB currently specifies libatk**
- **We believe libatk needs better testing and there is a technique proposed**
- **Would like to ask if the LF or LSB can write tests for ATK?**



# AT-SPI

- **The IDL for AT-SPI is normative, so how do we use it in a product specification?**
- **We need help with an IDL to XML converter for D-bus migration**



# Challenges

- **Need standard Dbus API on GNOME & KDE**
- **Need Dbus AT-SPI to Orbit2 AT-SPI bridge**
- **Need Qt to use libatk**
- **Need to postpone GNOME deprecation of Orbit2**
- **Need Firefox 3.0 to be accessible on Linux**
- **No laccessible2 on Linux**
- **Need high quality open Text To Speech (TTS)**
- **Need open speech recognition**