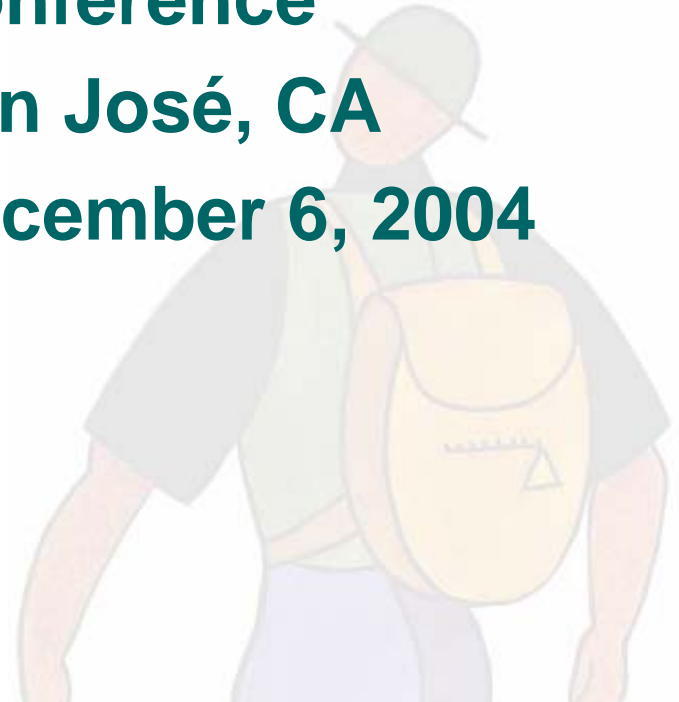


# **ASSIST & ADA Compliance**

**2004 ASSIST  
Conference**

**San José, CA**

**December 6, 2004**



# ASSIST & ADA Compliance

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- **Introduction**
- **Compliance**
- **Validation**
- **Adaptive Tools**
- **ASSIST & Accessibility**

# Introduction

- **The intent of the Americans with Disabilities Act is to prevent discrimination against qualified people with disabilities in employment, public services, transportation, public accommodations, and telecommunication services.**
- **Section 508 of the Rehabilitation Act Amendments of 1998 requires making electronic information accessible.**
- **5.9 million Californians**

# Introduction...

- **Visual**
  - Blindness
  - Low vision
  - Color blindness
- **Hearing**
- **Speech**
- **Physical/Motor**
  - Repetitive motion injuries
- **Cognitive/Neurological**

# Compliance

- **Web site compliance**
  - “Reasonable accommodation” and “effective communication” are guiding principles
    - Available content
    - Functional
- **Private companies not bound**
- **Hitting the moving target**

# Web Accessibility Initiative (WAI)

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- **World Wide Web Consortium (W3C)**
- **Web Content Accessibility Guidelines**
- **Authoring Tool Guidelines**
- **User Agent Guidelines**

# Web Design Considerations

- **Color**
- **Contrast**
- **Style Sheets**
- **Clear Language**
- **Flexible Tables**
- **Flexible Technologies**
- **Accessible Form Controls**
- **Platform Independent**
- **W3C Guidelines**
- **Sound**
- **Contextual Information**
- **Clear Navigation**
- **Equivalent Alternatives**
- **Clear and Simple Documents**

# Validation Criteria

- **Accessibility**
- **Form Use**
- **Performance**
- **Maintainability**
- **Readability**

# Validation Strategies

- **Use a validation tool or service**
  - Bobby
  - LIFT Online
  - WebSAT
  - Many others
- **Test with multiple browsers & platforms**
- **Check for spelling errors**

# Adaptive Tools - Examples

- **Screen Readers**
- **IBM Home Page Reader**
- **Grayscale/Contrast**
- **White on Black**
- **Zoom**
- **Disabled Style Sheets**
- **Screen Keypads**

# ASSIST & Accessibility

- **Help Pages**
- **Prompt Pages**
- **Selection Lists**
- **Reports**
  - TCAs
  - Articulation Agreements

# Possible Future Enhancements

- **Alternative Site**
  - Text only
- **Conversion of articulation into tabular data cells**
  - Retain current formatting
  - No apparent difference
  - Transparent to users