

Ogg Accessibility: Project Resources

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- Mozilla: Henri Sivonen, Chris Double, Aaron Leventhal
- Liaisons: WHATWG, WGBH, W3C TimedText, W3C Media Fragments, W3C Media Annotations
- Mailing list: a11y@lists.xiph.org
- Wiki: https://wiki.mozilla.org/Accessibility/Video_Accessibility



Ogg Accessibility: Activity

- Project aim:
 - Web video accessibility technology
- Features:
 - closed captions / subtitles, lyrics
 - textual audio descriptions
 - karaoke
 - ticker text, active regions
 - annotations, transcripts / scripts
 - linguistic markup
 - cue points, chapter markers



Ogg Accessibility: Challenges

- Text vs non-text accessibility information
 - PIP, audio annotations, DVD subtitles
- Simple subtitles vs time-aligned text
 - srt, DFXP, HTML (TDHT)
- In-band vs out-of-band text tracks
 - OggText: <http://wiki.xiph.org/index.php/OggText>
 - OggSrt, OggTDHT
 - <itext> element in HTML5



```
<video src="http://example.com/video.ogv" controls>  
  <itext category="CC" lang="en"  
    src="caption.srt"></itext>  
  <itext category="TAD" lang="de"  
    src="german.tdht"></itext>  
  <itext category="KTV" lang="jp"  
    src="japanese.smil"></itext>  
  <itext category="SUB" lang="fr"  
    src="translation_webservice/fr/caption.srt"></itext>  
</video>
```



Ogg Accessibility: Dependencies

- Libraries in use:
 - libogg, liboggz, liboggplay
 - ...
- Projects that depend on us:
 - Mozilla Firefox
 - ...



Ogg Accessibility: Next Steps

- OggSRT implementation, including OggText
- Mapping SRT & DFXP to HTML
- Full specification of <itext> element
- Implementation into Firefox by Chris Double

