

Summary

(W10A)

Web-based Multimedia Tools for Integrating Sign Language Video and Web Content to Create Web-based Video Tutorials and Presentations

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Educators of the deaf have long been interested in the use of sign language content to supplement traditional textbooks, handouts and course readings. In the past, creating sign language content was limited by technology. Current desktop video technology, which lets users create sign language video clips quickly and inexpensively, has altered the equation. Web-based video technologies, such as streaming video and Web captions, have made the Web a viable platform for delivering video tutorials and presentations using sign language as the instructional medium of choice.

Unfortunately, there is a lack of easy-to-use tools enabling teachers of the deaf to take advantage of new Web-enabled video technologies. This presentation describes efforts at the National Technical Institute for the Deaf to develop Web-based multimedia tools that instructors can use to integrate sign language video and Web content to create Web-based video tutorials and presentations for delivery over the Web. These tools are an integral part of IdeaTools, an online course-building application also developed at NTID.