

# Instructional Technology and Education of the Deaf



Supporting Learners, K — College  
An International Symposium

National Technical Institute for the Deaf  
Rochester Institute of Technology  
Rochester, NY

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## Captions

(W10A)

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

Simon Ting

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\par >> DENISE WELLEN}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0  
\fs26\insrsid10635949 G}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0  
\fs26\insrsid11273092 ood morning}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0  
\fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0

\fs26\insrsid11273092 If you could all take your seats for the  
presentation}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314  
. }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10635949

\par }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 Hi, I'm  
Denise Wellen, and I work in NTID admissions}{\rtlch\fcs1 \af2\afs26  
\ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0  
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Thank you, all, for coming}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0  
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\par }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 This is  
a large room, as you well know, so you are welcome to come up front,  
if you're brave enough}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0  
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\par }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 Today, we'll be hearing from Simon Ting and Rosemary Toscano, and I'm going to let them get started with their presentation}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{

\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 I do have have some handouts that when I leave the stage, I'll be coming around to give those to you, so you can write right on those papers}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0

\fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 And I do have evaluation forms}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092

If you'd just let me know if you need those as well}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10635949

\par }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 Our interpreters for this morning are Lisa Menard, Christina Shefal, and Gail MESISSIA}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0

\fs26\insrsid11273092 Thank you.

\par >> SIMON TING: Thank you for coming here for the presentation}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092

Today's presentation will provide a current overview of the way we use desktop video production}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 It's not too sophisticated}{

\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 Our goal is to keep things as simple as possible}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26

\ltrch\fcs0 \fs26\insrsid11273092 I provide a few sample tutorials today in order to show you the different ways in which we use our tools}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 .

}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0

\fs26\insrsid11273092 And then I'll demonstrate our multimedia production}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 There are three types this morning}{\rtlch\fcs1 \af2\afs26

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\par }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 I'm going to show you the demonstration of the tutorials that we have produced}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0

\fs26\insrsid11273092 P our hardware, software, and A.S.L. video production}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 Hardware is very simple}{\rtlch\fcs1 \af2\afs26

\ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 It consists of a PC, a mini video camcorder}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0

\fs26\insrsid11273092 It costs about \$400}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 We connect it using a Firewire cable and a Firewire cut}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0

\fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 And a cord}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092

Once you turn on the mini DVD camcorder, the software automatically opens}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 And then you're able to capture the video}{\rtlch\fcs1

\af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 The video then can be loaded into Microsoft windows, which is a free program}{\rtlch\fcs1 \af2\afs26



\ltrch\fcs0 \fs26\insrsid10296314 . }{

\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 There are two approaches}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092

Sometimes we can do it ourselves or work with an interpreter}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10635949

\par }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 It's done on an ad-hoc basis}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 By faculty who are comfortable using sign l

anguage themselves}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092

Others take a more planned approach in working with an interpreter, to develop a script, and then they record audio on a computer}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092

They save the audio recording to a CD-ROM, and then they start using it from there}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 The interpreter's in

front of the camera, and we'll tape the interpreting session}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 We can then transcribe the audio for a video captioning}{\rtlch\fcs1

\af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 So post-production consists of capturing the video and compressing the video}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{

\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 Then we edit the video or supplies the audio, if it's applicable, and encode the video for the web}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0

\fs26\insrsid11273092 Then we create tutorials with  
IdeaTools}\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 .  
}\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 Now my  
co\

presenters will provide us with some samples of how we use this.

\par >> R. TOSCANO: We thought we would show you a few demos  
first to give you an idea of what's the capabilities are and then  
get into more of the details, Simon will give into the details of how we  
actually produce the captioned videos}\rtlch\fcs1

\af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }\rtlch\fcs1 \af2\afs26  
\ltrch\fcs0 \fs26\insrsid11273092 We're going to start with some of  
the most simplest, or the simpler, kinds of captioning that are  
possible, things that you were very familiar with}

{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 .  
}\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 The first  
kind is just a plain, informational captioning}\rtlch\fcs1 \af2\afs26  
\ltrch\fcs0 \fs26\insrsid10296314 . }\rtlch\fcs1

\af2\afs26 \ltrch\fcs0 \fs26\insrsid10635949

\par }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 We're  
beginning here just to show you what's possible, using\~\\_\  
[Inaudible] \\_ caption as you would normally, and you can  
self\\_edit}\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314

. }\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 The  
captions just go right below the actual screen}\rtlch\fcs1 \af2\afs26  
\ltrch\fcs0 \fs26\insrsid10296314 . }\rtlch\fcs1 \af2\afs26 \ltrch\fcs0  
\fs26\insrsid11273092

This particular example is from just an online production that Simon  
did}\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 .  
}\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 You can  
also create self\\_

tutorial kinds of captioning, where the video and the captions can be  
formatted to help students develop projects, prepare for  
class}\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 .  
}\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 So

we're going to show you this example, which is from a deaf lit class}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10635949

\par }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 It's a poem, and you can see that in this type of captioning, there's a more interesting overall design to the page}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1

\af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 There's more visual interest}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 And the student can be led to do somet

hing on his own, her own, through the use of the captioning and the video}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092

I'll give you a few minutes just to read what the poem says, and then what the instructions are.

\par >> VIDEO: The next poem, Mushroom, is structured in an intentionally obscure manner}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092

I'd like you to search for the ways the effect of obscurity is created}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 You'll need to look closely.

\par >> R. TOSCANO: So this is a type of self\\_tutorial, where the student actually had to look for something particular the instructor wanted and then had the video after that}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1

\af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 The second example I'm going to show you\~\\_ \\_

\par >> VIDEO: Did you notice the mushroom was personified, taking on life\\_like characteristics}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 ? }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10635949

\par }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 >> R. TOSCANO the second example is a self\\_tutorial that's being used for some vocabulary development}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26

\ltrch\fcs0 \fs26\insrsid11273092 This is created for an English course}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092

And, again, it's the use of captioning and video to develop some root understanding and pronunciation possibilities.

\par [ticking noises]

\par Students can click on vocabulary that comes from the root word and get an understanding of the meaning.

\par [ticking noises]

\par The last self\\_tutorial I want to show is for a business English class}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 Same concept}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0

\fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 This is used by Mr.\~ORTELANI, who is sitting in the back}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0

\fs26\insrsid11273092 And, again, students read the captioning, watch the video, and are able to understand the content of what they have to do}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0

\fs26\insrsid11273092 OK, so we saw a very simple form of just traditional captioning, more of the self\\_tutorial types of captioning}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092

The next type that we're going to show you is an interactive captioning video format}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 The captions act as a link to the video segments}{

\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 OK, in this type, the students interact and have more control over the signed and written content}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0

\fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 They don't have to go through the whole video in order to understand what it is that the teacher wants them to know}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0

\fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10635949

\par }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 So they can click on and then get the video that is attached to that specific type of information}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0

\fs26\insrsid11273092 This is being used in the sign language training programs}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092

Students who are learning how to sign can try it on their own, and then when they are lost, can click on and see how an expert signer might sign that same information}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26

\ltrch\fcs0 \fs26\insrsid11273092 The last type of video captioning sample that we want to show you gets more sophisticated}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092

It's a multimedia kind of tutorial, where the video is synchronized with text and graphic}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10635949 s}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0

\fs26\insrsid11273092 And teachers have been using this in a variety of ways}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10635949

\par }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 The first example I'm going to show you actually is being used by

Dr.~Judy Eggleston~

Dodd, who is sitting in the audience, with a lab project, so the students are able to follow the entire project with video and text and captioning} {\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . } {\rtlch\fcs1 \af2\afs26 \ltrch\fcs0

\fs26\insrsid11273092 And we'll show you this example from the astronomy class} {\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . } {\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 So they're getting their objectives first} {\rtlch\fcs1

\af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . } {\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 Them they get a sample worksheet which they can also print out, and that will serve as their homework assignment} {\rtlch\fcs1 \af2\afs26

\ltrch\fcs0 \fs26\insrsid10296314 . } {\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 Notice that there's a pause, too, giving them time to reflect and to figure out what it is that they have to do} {\rtlch\fcs1 \af2\afs26 \ltrch\fcs0

\fs26\insrsid10296314 . } {\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10635949

\par } {\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 They get Judy's sample moon journal, in case they were completely confused by the sample before} {\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . } {\rtlch\fcs1 \af2\afs26 \ltrch\fcs0

\fs26\insrsid11273092 And now they get their assignment} {\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . } {\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 One of the feat

ure that we wanted to mention about the multimedia tutorial is the ability for the student to go to different topics} {\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . } {\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092

They are not locked into starting from A and going to Z} {\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . } {\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 We're going to show also from

Dr. ~Dodd's class a unit on constellations}{

\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1  
\af2\afs26 \ltrch\fcs0 \fs26\insrsid10635949

\par }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 And  
you can see here that, again, it's a mixture of video and  
graphics}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 .  
}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092

And then they can get up their little dialogue box and go directly to  
what it is that they want to focus on. So maybe they want to say  
haleocentric model of the zodiac}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0  
\fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26

\ltrch\fcs0 \fs26\insrsid11273092 OK}{\rtlch\fcs1 \af2\afs26  
\ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0  
\fs26\insrsid11273092 I think I'll stop

now, and Simon will continue with sort of more technical descriptions  
of how to get to some of these either simple, traditional captioning, or  
the more complex, multimedia ones.

\par >> SIMON TING: All the tutorials you've just seen were produced  
with our three multimedia products}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0  
\fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0  
\fs26\insrsid11273092 One is called captioning builder}{

\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1  
\af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 It helps us to create  
captions for web\_based video}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0  
\fs26\insrsid10296314 . }{\rtlch\fcs1

\af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 Then the presentation  
builder, pretty much creates HTML slideshows}{\rtlch\fcs1 \af2\afs26  
\ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0  
\fs26\insrsid11273092

And, thirdly, is IdeaTools studio}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0  
\fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0  
\fs26\insrsid11273092 You can splice videos and put them together

and synchronize them so that they can work in parallel to create the  
tutorials that you've just seen}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0

\fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0  
\fs26\insrsid10635949

\par }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 Now,  
I'll do a step\\_by\\_step demonstration}{\rtlch\fcs1 \af2\afs26  
\ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0  
\fs26\insrsid11273092

I hope you'll be patient throughout this process}{\rtlch\fcs1 \af2\afs26  
\ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0  
\fs26\insrsid11273092 I'll show you how I created this  
project}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0

\fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0  
\fs26\insrsid10635949

\par }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 This is  
a simple captioning project}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0  
\fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0  
\fs26\insrsid11273092

The same captioned video can be used in other ways also, such as so  
we created something that looks kind of like an interactive CD, and  
this is how we can teach some A.S.L. vocabulary}{\rtlch\fcs1  
\af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{

\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10635949

\par }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 First of  
all, you select which video you'd like to caption}{\rtlch\fcs1 \af2\afs26  
\ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0  
\fs26\insrsid11273092

And then you can create a statement here}{\rtlch\fcs1 \af2\afs26  
\ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0  
\fs26\insrsid11273092 You have to mark where you'd like the video to  
start}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0

\fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0  
\fs26\insrsid11273092 So you mark out where that red dot is exactly  
where you want the statement to begin in the video}{\rtlch\fcs1  
\af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{



\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10635949

\par }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 There's also an option for you to upload a file, and you can automatically select one word or a group of words, and then just upload them automatically to the video}{\rtlch\fcs1 \af2\afs26

\ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 So this is the second segment}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092

And you can mark new segments}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 You can also edit the caption style}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{

\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 I'll use a black\~\\_ white caption on black background}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092

There's also an option for you to be able to preview the captioned segments}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092

After you've captioned the video, you can also put it in a webpage}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 Hold on one moment}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0

\fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 This is our project number one}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092

I want the video to load online}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 And then you can kind of allow the user to decide when it would start and stop}{\rtlch\fcs1 \af2\afs26

\ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 But I want to show you one segment of the video, so I want you to see how we end up showing the captioned

boxes before it goes}{\rtlch\fcs1 \af2\afs26

\ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0  
\fs26\insrsid11273092 So this is the video with the  
captioning}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 .  
}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0

\fs26\insrsid10635949

\par }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 You  
can also do a continuous narrative}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0  
\fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0  
\fs26\insrsid11273092

These captions are a continuous narrative, and I'll show you the  
results}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 .  
}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 There it  
is}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0

\fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0  
\fs26\insrsid11273092 These are real simple captioning  
projects}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 .  
}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092

Now I'll show you how to create an interactive project}{\rtlch\fcs1  
\af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26  
\ltrch\fcs0 \fs26\insrsid11273092 We'll be working with the same  
captioned video that we were just showing you}{

\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1  
\af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 The only differences that  
you'll notice will be selecting different options here.

\par }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10635949  
T}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 his is the  
captioned choices that we have here, to make it  
interactive}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 .  
}{

\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 We need to  
use an external captionist}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0  
\fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0  
\fs26\insrsid11273092 We use an external captioning file,

and the benefit is that I can edit the captioning tonight, and the changes are automatically reflected in the finished project}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092

I don't have to start the project all over from scratch}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 So that finishes the first part of our demonstration}{\rtlch\fcs1 \af2\afs26

\ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10635949

\par }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 We captioned a short movie}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092

So then you start with that simple caption movie, and you can make that also into an interactive captioned movie}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092

The next part, I'd like to show you how to create a type of video tutorial that Rosemary just created}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 There are two steps}{\rtlch\fcs1

\af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 One is you create a series of Websites using HTML, which is basically what we're using, small pages to use as a series of slices}{\rtlch\fcs1

\af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 And then we synchronize those slices so that they play in time with our video}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1

\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 This is an example of our webpages and all of the different sites}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092

This project goes like this}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0

\fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0  
\fs26\insrsid10635949

\par }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092  
Instructors are assigned\~\\_ are assigned a few chapters a week,  
and every week they pick maybe ten to 15

new vocabulary terms that they'd like the students to develop, and  
then they can develop tutorials to aid in the instruction}{\rtlch\fcs1  
\af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26  
\ltrch\fcs0 \fs26\insrsid11273092

First they provide definitions of the words, maybe not a dictionary  
definitions}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 .  
}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092

The kind of definition that you would just tell a student if they came up  
to you and asked you a question about the word}{\rtlch\fcs1  
\af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26  
\ltrch\fcs0 \fs26\insrsid10635949

\par }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 It's  
more of an informal type of definition to the word}{\rtlch\fcs1  
\af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26  
\ltrch\fcs0 \fs26\insrsid11273092

And then the teacher can pick a word or a phrase in the book and  
expect the student to then understand it}{\rtlch\fcs1 \af2\afs26  
\ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0  
\fs26\insrsid11273092

Then the student can develop a sentence on their own, using that  
same vocabulary word to show that they know and understand the  
term now}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 .  
}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0

\fs26\insrsid11273092 So this would be a sentence from the  
book}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 .  
}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 This is a  
sentence that the teacher wrote}{\rtlch\fcs1 \af2\afs26

\ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0  
\fs26\insrsid11273092 The finished tutorial looks like this}{\rtlch\fcs1  
\af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26

\ltrch\fcs0 \fs26\insrsid11273092

You also have the option of watching the tutorials in the beginning to the end, or you can actually jump ahead to whatever part you'd like to watch first}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0

\fs26\insrsid11273092 So I'll try and walk through these steps that it takes to create the tutorials}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10635949

\par }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 We've chosen the same presentation that we created beforehand and are uploading the video that we had created also beforehand}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{

\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 These are the webpages that we created}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092

We specified what position the video should start at in the tutorial}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092

Normally you would watch the video as it plays, and when it reaches a statement that you want, you would stop it there}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092

But we are able to actually know when to stop it and do it manually}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 So it's compiling the project at the moment}{\rtlch\fcs1

\af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10635949

\par }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 What happens when you're online, you don't need the software on your desktop}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0

\fs26\insrsid11273092 You just need to be able to access our server}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 Well, we made a mistake here somewhere}{\rtlch\fcs1 \af2\afs26

\ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 Sorry about that}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 Yes}{\rtlch\fcs1

\af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 Just take a look at this, and then we'll end}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0

\fs26\insrsid11273092 Both Rosemary and I both recently received a small grant, and we\~\\_ in order to be able to place the project on a Website, use the tools we've just shown, but trying to integrate a more simple tool for R.I.T. faculty and staff}{

\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092

We hope to develop our own online training and material, and provide the steps it takes in order to create these tutorials that you've just seen today, and then hopefully, the faculty and staff will be able to do their own creation

of captioned videos or tutorials}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092

Well, if any of you are interested in possibly working together on this project, maybe, you know, a segment on tools outside of R.I.T.

\par That's it}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 So if you have any questions, please, Rosemary and I, would be happy to answer them.

\par >> AUDIENCE MEMBER: Good morning. }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10635949

\par }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 Could

you tell us a little bit about the structure of the product itself} {\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . } {\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092

What's it built in} {\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 ? } {\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 You said it's on the server and the operating system, and a little bit about the technical aspects of it.

\par >> SIMON TING: OK, there are two parts} {\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . } {\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 One is the server script, the other is browser script} {\rtlch\fcs1 \af2\afs26 \ltrch\fcs0

\fs26\insrsid10296314 . } {\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 On the server, the script\~\\_ well, the captioning takes a certain amount of timing} {\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . } {\rtlch\fcs1

\af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 You save the project, and you send it back to the server} {\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . } {\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 You use AAFP script} {\rtlch\fcs1

\af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . } {\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 When you look at Internet explorer, we download a series of JAVA scripts, program scripts, JAVA script play as video} {\rtlch\fcs1 \af2\afs26

\ltrch\fcs0 \fs26\insrsid10296314 . } {\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 And then we synchronize the video using HTML information} {\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . } {\rtlch\fcs1 \af2\afs26 \ltrch\fcs0

\fs26\insrsid11273092 That's about it} {\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . } {\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10635949

\par } {\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 The technology's not very sophisticated} {\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . } {\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 A lot of people know Java

script, so it's not technology people are unaware of} {\rtlch\fcs1

\af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26  
\ltrch\fcs0 \fs26\insrsid11273092 Does that answer your  
question}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0

\fs26\insrsid10296314 ? }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0  
\fs26\insrsid10635949

\par }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 The  
main thing is you don't need to know Java script programming or ASP  
programming to be able to use the applications we've shown you  
today}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0

\fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0  
\fs26\insrsid11273092 You just need a browser that allows you to look  
at webpages and type the information in that you need and save  
it}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0

\fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0  
\fs26\insrsid10635949

\par }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 The  
tools are made for R.I.T., NTID, faculty, staff to use}{\rtlch\fcs1  
\af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26  
\ltrch\fcs0 \fs26\insrsid11273092

So people outside this university cannot upload videos}{\rtlch\fcs1  
\af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26  
\ltrch\fcs0 \fs26\insrsid11273092 But it's possible for you to upload  
your video, to pu

t it on a server, and then work with that, the video with that server,  
you're uploading it too}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0  
\fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0  
\fs26\insrsid11273092 Another word about video streaming}{

\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1  
\af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 We use an  
all\\_progressive streaming or H.T.P. streaming, to bring it up to the  
server, and then we're able to use our tools from there}

{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 .  
}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10635949

\par }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 You



upload the video a web server, and then you use our tools to do the captioning}}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0

\fs26\insrsid11273092 The finished project can become a link to any webpage, so the user then clicks on the link, and the video's streaming from your server and the HTML pages will l

oad it from our server, and the Java script on the user's browser will synchronize the information there, and then will be shown parallel.

\par >> Thank you, Simon and Rosemary, for the presentation today}}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 We appreciate it very much}}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0

\fs26\insrsid10296314 . }{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 [Applause]

\par And I encourage the audience members, if you haven't had a chance to ask your questions, I'm sure Rosemary and Simon would be able after the presentation out in our lobby or street area}}{\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid10296314 . }{\

\rtlch\fcs1 \af2\afs26 \ltrch\fcs0 \fs26\insrsid11273092 Thank you, and have a good day.

\par }}{\rtlch\fcs1 \af2 \ltrch\fcs0 \insrsid11273092

\par }}

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