

Title of Session: Streaming Video in the Classroom

Moderator: Leyla Bulcan

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Room: After School Online Room

BJ: we usually start discussions in Tapped In with brief introductions

BJ: I'm an art teacher in Pennsylvania and a helpdesk volunteer for Tapped In

BJ: I know our discussion leader, Leyla, has lots to show you! You're in for an exciting discussion.

CoriP: I'm a preservice teacher attending The University of Akron in Ohio

JulieF: I'm a 4th grade emints teacher in southwest Missouri

LeylaB: My name is Leyla Bulcan and I do work for an educational media company in Canada, our newest product being streaming video which I am going to demonstrate to you tonite

SusanR: I am a K to 8 Occasional Teacher from Ottawa, Ontario.

CynthiaGG: I'm a elementary gifted resource teacher in Louisiana

KatyGst5: I'm a 5th grade teacher in California

MichaelHo: I was a biology professor at Davidson College, and the founder of PersonalProfessors.com, an online learning community for math and science. I'm also a member of the Oregon Distance Learning Summit core group.

MichaelGE joined the room.

LeylaB: Hi Michael GE... we're just about to get started here. Would you like to introduce yourself before we begin?

BJ: Michael GE, can you please introduce yourself to the group?

BJ: and then you can get started, please, Leyla.

LeylaB: Ok.. I'll just begin...Thank you for joining me this evening for this session

LeylaB: How many people here are familiar with video streaming in the classroom?

MichaelGE: My name is Michael Elwood, I am interested in video streaming, UH student

CoriP: Not me

MichaelHo: I am.

JulieF: I'm not familiar with it

KatyGst5: I'm not

CynthiaGG: I am using video streaming

MichaelGE: I want to know more about it

LeylaB: Ok.. well for those of you who don't know what streaming video is, it's video that has been taken from traditional analog tapes as we know them and have been digitized to make them available online

LeylaB: Streaming video although similar to downloading very unique

LeylaB: Can anyone know the difference between the 2?

LeylaB: downloading vs. streaming video?

CoriP: You don't keep a copy?

BJ: bandwidth?

MichaelHo: Streaming comes across in real time...downloading brings the whole file down to you computer before playing.

CameronB: streaming=Real Networks,

LeylaB: Exactly, all the above mentioned responses are correct

CameronB: downloading is QuickTime

LeylaB: a copy of the video is not stored on your computer for various reasons - one being file sharing and another being minimal space on the hard drive

LeylaB: You need a high speed Internet connection in order to stream video's as well

KatyGst5 nods

CoriP: Is that available in many classrooms?

CynthiaGG: If several people are streaming at the same time in the same place, you can have a problem, right?

LeylaB: Cori - if the school is networked so that all classrooms have access to highspeed Internet, then there is not a problem accessing the streaming video

MichaelGE: How is that utilized in the classroom ..say 25 kids with 4 computers?

CoriP: OK

JeffC: bandwidth?

LeylaB: You're right Cynthia, it's typical that school at least in Canada are on a T1 network - when more then 5 people are streaming at the same time.. the network might experience some congestion and slow down the process

LeylaB: Michael - most companies that offer a streaming video service offer customized solutions in which the video server is actually put directly into the board - this alleviates the network congestion

CynthiaGG: That's what we were told when we were inserviced on video streaming. So I learned how to download

LeylaB: In essence, when a custom solution is provided an unlimited number of users can utilize the service at the same time.

CoriP: How expensive is the 'custom solution'?

SusanR: with a custom solution a lab of students would have ready access

KatyGst5: I know very little about this...can you "order" the streamlined video to appear at a certain time?

LeylaB: Cost is really dependent on the provider of the service- 2 servers are being installed into the school/board. If the school has old computers they can be configured and used as the servers bringing down the cost of implementing a custom solution

CoriP: OK

LeylaB: yes Susan, with a custom solution the entire lab would be able to access the video

JeffC: my question had to do with bandwidth issues... video streaming takes up quite a chunk

GlendaKM: Do you have to have a custom solution for several people to have ready access?

LeylaB: Katy - the service that I would like to introduce you to is based on simple keyword or curriculum subject searching

KatyGst5: Great!

CoriP: Yes. I'd like to hear more on that

LeylaB: I have set up a number of trial Id's for the group for a service called AIT Learning Source

LeylaB: Are any of you familiar with video provided by AIT?

CoriP: no

MichaelHo: No, I'm not.

GlendaKM: no

KatyGst5: no

MichaelGE: no

CynthiaGG: no

LeylaB: Ok..

LeylaB: AIT is the Agency for Instructional Technology

JeffC: <http://www.ait.net/>

LeylaB: thanks Jeff!

CoriP: are we going there now?

LeylaB: you'll notice that AIT non profit org

SusanR: o O (video on demand)

LeylaB: you don't need to if you don't want to.. just gives background information about the company

LeylaB: in order however to access the trial that I set up for everyone, please go to

<http://www.learningsource.net>

LeylaB: Once there, you will be prompted for a username and password. Please enter the following usernames:

MichaelHo: That takes me to a domain name sale site.

JeffC: oops... link doesn't work for me Leyla

JeffC: me too

LeylaB: let me try again.. sorry!

GlendaKM: me either

LeylaB: ah ha! sorry about that.. try this : <http://www.aitlearningsource.net/insite/>

JeffC: there ya go

MichaelHo: That's it.

JeffC: login info?

LeylaB: enter the following usernames: tappedin1 (through to 10) just pick a number randomly

LeylaB: the password is "magic"

LeylaB: is everyone able to get on ok?

CoriP: yes

MichaelHo: Yes

GlendaKM: Yes, I am

KatyGst5: Yes

SusanR: got it, Leyla

JeffC: yes

CynthiaGG: yes

LeylaB: Great!

LeylaB: Just so you know.. this trial is valid until about the second week of May. So you can continue exploring the site and the video until then

KatyGst5: Great!

LeylaB: You'll notice when conducting searches that you can search based on curriculum

MichaelGE: I am there

JeffC: ok... once in... where would you like us to go?

LeylaB: let's do a search on "literacy" based on curriculum keyword

KatyGst5: It appears there is nothing for California

GlendaKM: There is nothing for Texas that I could find

MichaelGE: Nothing for Texas

SusanR: any connections to Ontario, Leyla

CynthiaGG: I found 5 sites

GlendaKM: That is all I found also.

LeylaB: As content is being added to the learning source (currently there are over 450 video's) the intent is to match the content with all states

LeylaB: Susan - there is another product called InSite for Canadian users

CynthiaGG: When I clicked on my state, it came up with nothing

LeylaB: Please select literacy first without clicking on a state - just so that I can show you how the video's have been indexed

CynthiaGG: Well then, I got 5 sites

MichaelGE: ok I am on task

KatyGst5: I got the 5 sites too

CoriP: me 2

LeylaB: ok

LeylaB: now if you click on the first link and scroll down - you will notice small video clips

LeylaB: these are the indexed clips that we call in the eworld - video objects

LeylaB: click on one of the objects

LeylaB: and select play to see the video

CoriP: which is the first link?

LeylaB: Standard: 3; Benchmark: Grade Cluster Benchmark

KatyGst5: Very cool!!!!

CoriP: once you have it on full screen, how do you get out of it?

SusanR: wow!

LeylaB: it's pretty neat - you will have time to go through the site on your own. I just want to provide you with some of the features which I find fascinating

LeylaB: Cori - hit escape

MichaelGE: How do you make these video streams?- Know of a download or link?

CoriP: thank you

LeylaB: So currently the "learning source" has over 450 video's. With most of these video's you are also receiving a teachers guide in .pdf format that you can download and print off to help with lesson planning

GlendaKM: Can all of the students watch the videos at the same time?

CoriP: cool

LeylaB: well.. currently the way educators are using the service in the classroom is by hooking up a dataprojector up to a computer and then projecting the video on a screen

MichaelGE: but what process is to what we saw?

KatyGst5: That makes sense...

CoriP: I don't know of many classrooms in my area that even have data projectors...but I'm in Ohio

GlendaKM: That would save on the need for several computers in the classroom.

LeylaB: Since you can also build your own play lists - if you are doing some lesson planning - you can create a "playlist" similar to a "bookcart" and then seamlessly show a number of different objects that pertain to your area of study

CoriP: we're pretty underfunded

JeffC: what isn't in education?

LeylaB: that's true Jeff

LeylaB: Cori - do you have televisions in your school?

CynthiaGG: I have a computer set up to my TV and can show my students from the TV

KatyGst5: Are the playlists saved until you are ready to use them?

LeylaB: I was just going to say that Cynthia - you've got the right idea

CoriP: well, I'm preservice, but many of my field experiences have shown that most classrooms do.

LeylaB: Katy - the playlists are saved for as long as you want them

KatyGst5: Thanks!

JeffC: that's why I may sound pessimistic about streaming video... don't get me wrong... in theory I see real benefits (although I prefer text based chat for a variety of reasons)... but I don't see how the average K-12 school will be able to use it in the near future... because most of the computers can't handle it... the bandwidth issues... not to mention if they have to pay for the content.

SusanR: is there site licensing, Leyla

SusanR: or board licensing

LeylaB: Jeff - good points for sure - schools are slowly adapting as you can all imagine. There is no additional costs for content

GlendaKM: Almost everything has a cost. I think if a educator really likes the content then they will find a way to use it.

LeylaB: The Learning Source prices their product on a per teacher basis

KatyGst5: Lelyla, do you know how much it is?

LeylaB: I believe it's \$99.95 for 1 year. Let me just double check

CoriP: for the school? or one classroom/teacher?

LeylaB: yes... for an individual subscription the cost is \$99.95

KatyGst5: o.k....thanks

GlendaKM: Is that unlimited use?

LeylaB: yes it is.. also includes access from home or remote access

LeylaB: so planning for lesson(s) can be done from home as well

GlendaKM: That would be a tremendous help.

LeylaB: Another neat thing about the service is that you are able to use a copy link feature in order to reference 3rd party applications like Word or PowerPoint

CoriP: is The Learning Source the largest online library for streamlining?

LeylaB: No.. there is another company called United Streaming who offers streaming video as well - their content is good but I think that AIT's content is far more superior

CoriP: Ok thanks

CynthiaGG: We have United Streaming in Louisiana

LeylaB: How do you like United Streaming?

CynthiaGG: It is paid for by the state. Their videos are great but there are many curriculum areas that are pretty thin

CoriP: could these be funded, say, for an entire school system through the writing of grants?

GlendaKM: It is very easy to use the copy link feature?

LeylaB: Cori - I would have to look into that for you but I don't see why not

KatyGst5: Cori, that's a great idea!

CoriP: thank u

LeylaB: the copy link feature is very easy to use and convenient as well

CoriP: any major points I'm going to miss if I leave here pretty soon?

LeylaB: Cynthia - there are 1000 video's waiting to be uploaded in the next couple of months - it's a matter of indexing the video's to make them searchable - we are working on doing that right now so that the content is more robust

GlendaKM: Are there other features that are beneficial?

CynthiaGG: My kids are inserting video clips into Powerpoint presentations. They think they are really hot stuff to do this.

LeylaB: Glenda - I think I have been through most of the features

CoriP: Is it okay to do that...legally?

LeylaB: Cynthia - kids love the service

MichaelGE: Thanks Leyla for all your insights

LeylaB: Cori - it is legal because the producers have given permission to allow the copy link feature

CoriP: OK

LeylaB: they will not however allow for the downloading of their content - just to prevent it from showing up on kaza or something like that

LeylaB: Cori - you just reminded me of something - the video's all contain Public Performance Rights

KatyGst5: Thanks for the information Leyla...I'm going to go play with it for awhile!
Bye!

CoriP: I've been enlightened on a subject I knew nothing about...thank you Leyla

LeylaB: Thanks Katy - have fun with it!

LeylaB: You're welcome Cori

CoriP left the room (signed off).

LeylaB: Well - Just looking at the clock and it seems to be about that time

GlendaKM: Thank you for all of the information.

CynthiaGG: It's been very interesting to hear more about video streaming, thanks

LeylaB: Thanks everyone for coming out - if you need more information please feel free to get in touch with me

LeylaB: Otherwise - Have fun with the Video's!

SusanR: Thanks Leyla...an invaluable resource

SusanR: Can I experiment with students..I am going to be in a lab setup for the next two days, Leyla. I will pass the resource on.

LeylaB: Yes for sure Susan - since you're in Ottawa - I will provide you with the Canadian site - with Canadian curriculum match ups . I have your email address and will send the access information to you tomorrow

SusanR: Thanks, Leyla.

LeylaB: Goodnite

BJ waves goodnight. Thanks, Leyla, for presenting this discussion

LeylaB: thank you Bj anytime!