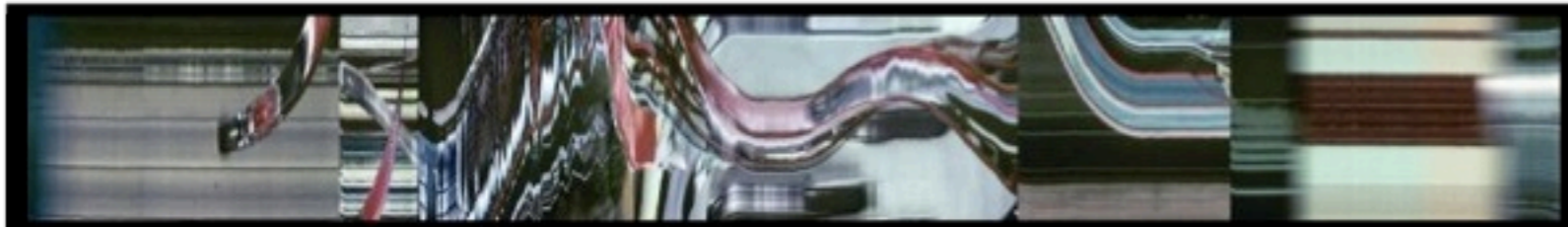


Video Analytics: From Keywords to Keyframes



Virginia Kuhn
vkuhn@cinema.usc.edu



Large Scale Video Analytics

PREMISES

- Epistemology + Pedagogy
- Oral > Literate > Digital
- Disciplines need rethinking

TK3 - Ways of Composing drafts.tk3

I. Visualizing Composition



Wassily Kandinsky: Composition VI

This image is featured in Cathy Flacey's keynote at the 2004 Conference on Elizabeth Daley's call for a new conception of literacy, one that is appropriate to what Emerson to compose. The keynote was then edited and published in the *Journal of New Media*. Flacey includes a running side bar that records the process of the two Power Point slide shows running on either side of the podium, as such, her

TK3 - Ways of Composing drafts.tk3

This student project by Jason Hart was created during the first semester (Spring 2004) that I taught with TK3 and my requirements for student work were less sophisticated. Jason took class with me again.

II. Is a Picture Really Worth 1000 Words?

If the print-based stance views word and image as comprising two separate semiotic systems—with verbal language being superior—the hybrid-based stance views word and image as components of the same symbolic system with the line between word and picture remaining unclear. Likewise the look of the printed word is not only emphasized by its page placement, along with its relationship to image, a real concern: there is an awareness of the ways in which visual features such as size, spacing, and use of white space impact the meaning as do the ideas invoked by the words. Conceptual work in this area comes from the area of Book Design, a somewhat marginalized field, and one typically not associated with composition, although certainly this is changing. Pedagogical work seen as both consumers and producers of visual-verbal communication is carried out using new media such as Power Point, web programs. The texts studied in the classroom tend to focus on fine arts and the focus is on the communicative function of their aesthetic dimension and possibilities. This is an

TK3 - Ways of Composing drafts.tk3



Walter Benjamin's 1936 treatise, "The Work of Art in the Age of Mechanical Reproduction," it would be negligent to ignore the implications of technological innovations whose cultural influence was anticipated by both Berger and Benjamin. Therefore, after comparing *Ways of Reading* to *Ways of Seeing*, I will examine both the video and book versions of *Ways of Seeing* in Chapter II; doing so affords a rare

Ways of Composing: Visual Literacy in the Digital Age (2005)

BASIC PREMISE: UBIQUITOUS VIDEO

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115 years of Cinema

YouTube

TED talks

Broadcast News

Vimeo

Incidental Video

Academic Video

Blip TV

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VIDEO IS THE
BIG DATA
ISSUE OF OUR TIME

BIG DATA

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SUE OF OUR TIME

digital technologies
endow filmic media
with book-like
qualities

Filmic Texts and the Rise of the Fifth Estate
Victoria Kuhn, Author

Introduction to Filmic Texts and the Rise of the Fifth Estate

Rethink Cinema



The digital article describes the use of a film as a textbook in undergraduate curricula. Based on the premise that digital technologies endow films with the same infinite patience that books possess—their segments, like pages, are constant and so can be analyzed in a sustained fashion—Filmic Texts maintains that in a highly mediated world, faculty with all of the available semantic resources is integral to the type of large scale literacy necessary for a flourishing democracy. This argument gains strength as its concepts are also enacted: it is created in Scalar, a platform that allows one to speak with rich media in addition to words.

The project contains three main paths which the reader may take. The first, Filmic Texts, is an overview of the background theory and the attendant pedagogy of film. The second, Digital Pedagogy, is a more practice-based path, describing the nuts and bolts of creating this type of progressive pedagogy and, in many cases, displaying student projects and interviews created in response to the course. The third path, The Structure of Filmic Texts and the Rise of the Fifth Estate, is an overview of the piece that includes details about the affordances of his existing new platform, Scalar, the content choices that informed it, and the ways that it chose to negotiate its functionality.

From Gallery to Webtext

Conference:

1. a meeting for consultation or discussion; a conference between a student and his [sic] adviser.
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INTRO



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PROFILES IN DIGITAL PEDAGOGY**



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screencube
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To afford that, many patients had to sell their houses, land, jewellery and today have no prospects.

IML420 HIV and the Law: Group 9

Peacemaker Alerts Facebook Twitter YouTube Email

DRAC NEW FOUNDATION PRESENTS

RETHINK Afghanistan

"To remain neutral in situations of injustice, is to be complicit in that injustice."
— Desmond Tutu

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Cracks in the Dam



10,000 IS NOT GOOD ENOUGH.
HELP US KEEP UP THE FIGHT TO
END THE WAR.

Share this with your friends:
Share 718 Tweet 176

The work of Rethink Afghanistan, our allies and supporters like you are the only reason any troops will come home from Afghanistan this year. With your financial support, we can drive public and insider opinion against the war until the administration brings our men, women, and tax dollars home.

The president's plan leaves more than 50 percent of the troops in Afghanistan this year. We must pressure Washington, D.C. to start a real withdrawal now that gets all our troops home.

Think of the president's announcement as the first crack in the dam; the whole disastrous policy hasn't yet come crashing down, but the strain of fighting public opinion

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Access Scholarship & Research Teacher Education Witnesses for Humanity Preservation About Support Us

USC Shoah Foundation Institute

To overcome prejudice, intolerance, and bigotry
—and the suffering they cause—
through the educational use of the Institute's visual history testimonies

Featured clips from the Institute's Visual History Archive



Erna Anolik
Jewish Survivor

On the topic of Camp Erna recalls arrival and intake procedures at Auschwitz-Birkenau. She describes the fate of newly arrived prisoners. Erna talks about volunteering for work, a measure she employed in vain to be reunited with her parents.

International Work

GA DE BR FR IN R
JP PE SK US

Student Voices at USC

View this year's submissions

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NEW ONLINE LESSON
One Man, Two Voices

Latest News

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THE IRAQI DOCTORS PROJECT: On the Front Lines of Education

Virginia Kuhn, PhD & DJ Johnson, MFA



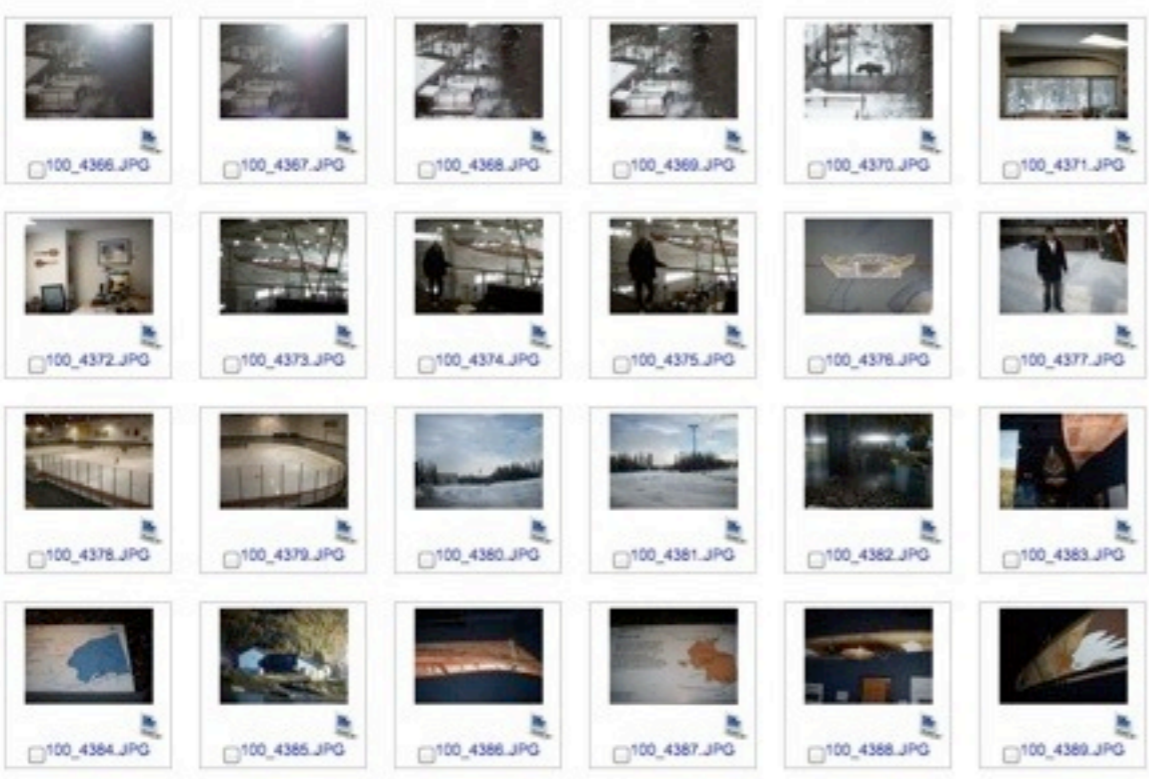
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Data 0 selected datasets Actions

Previous 1...4 5 6 7 8 9 10... 62 Next Sort by: Title: A-Z View: Grid Page Size: 24




Previous 1...4 5 6 7 8 9 10... 62 Next Sort by: Title: A-Z View: Grid Page Size: 24

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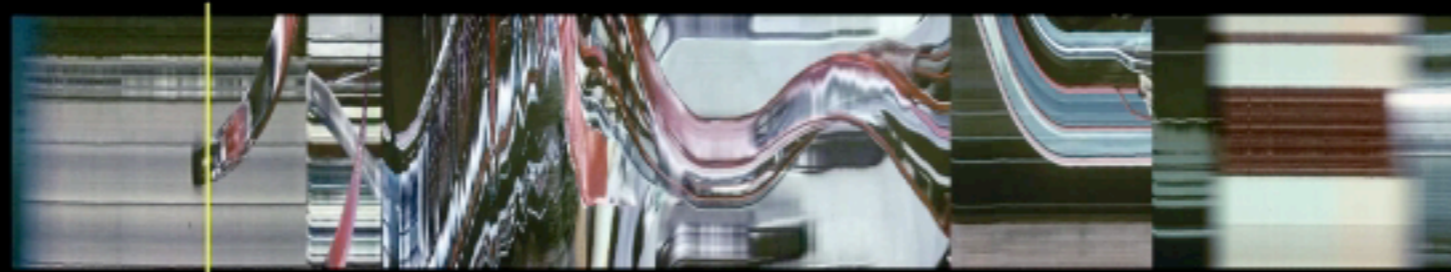
Location
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Set location

User Specified Information
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Extracted Information

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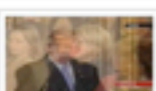
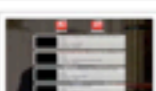


Movie Cube
Dave Bock NCSA

Medici Datasets Files Search Login

localhost:9000/datasets/513a01e64566900401ce191f

Shots

#	Thumbnail	Start Time	Find
1		0:03	Similar
2		0:11	Similar
3		0:29	Similar
4		0:35	Similar
5		0:52	Similar
6		0:58	Similar
7		1:05	Similar
8		1:55	Similar

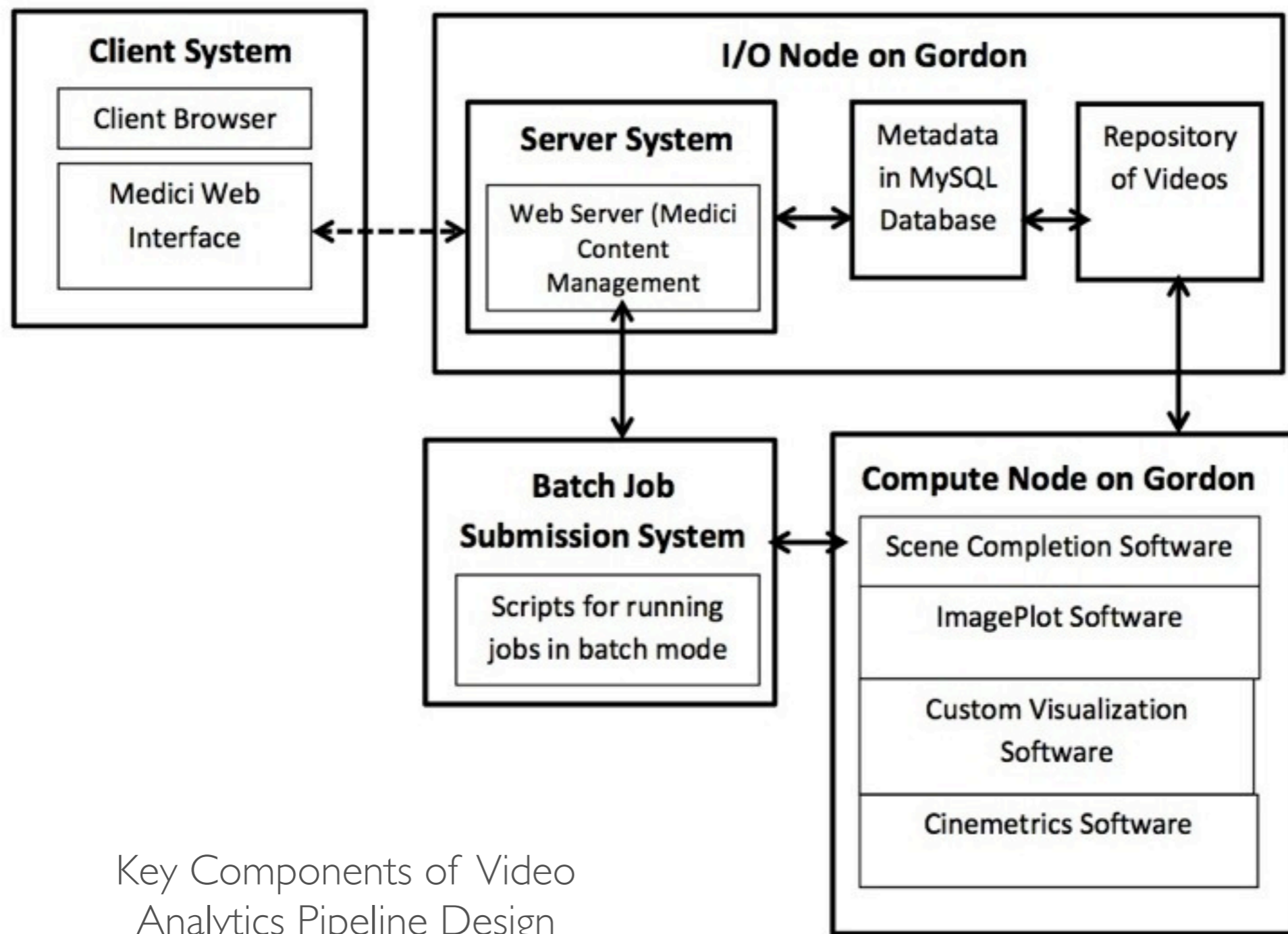
OBSTACLES

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 persistence

 workflow

 shared vocabulary



Key Components of Video Analytics Pipeline Design



- + mastery based
- + intrinsic motivation
- + many assessment opportunities
- + belief in success

Filmic Texts and the Rise of the Fifth Estate

Walter D. Mignolo, Author

Introduction to Filmic Texts and the Rise of the Fifth Estate

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TIME BASED
MEDIA

IMAGE BASED
MEDIA

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pedagogical use of reflective video

the “self-explanation
effect” (Lombrozo)

competent control of the available
semiotic resources
(New London Group)

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<http://kairos.technorhetoric.net/14.2/interviews/kuhn/index.html>

rubric:

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Conceptual Core

The project's controlling idea must be apparent.

The project must be productively aligned with one or more multimedia genres.

The project must effectively engage with the primary issue/s of the subject area into which it is intervening.

Research Component

The project must display evidence of substantive research and thoughtful engagement with its subject matter.

The project must use a variety of credible sources and cite them appropriately.

The project ought to deploy more than one approach to an issue.

Form & Content

The project's structural or formal elements must serve the conceptual core.

The project's design decisions must be deliberate, controlled, and defensible.

The project's efficacy must be unencumbered by technical problems.

Creative Realization

The project must approach the subject in a creative or innovative manner.

The project must use media and design principles effectively.

The project must achieve significant goals that could not be realized on paper.



students on a saturday at the IML

That's what Uncle Joe said
Speaking to his Uncle Sam
That got him called an
UNCLE TOM

video may be found at: <https://vimeo.com/24142859>

Jarrold Finley
IML340: The Praxis of New Media

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THANK YOU!

Virginia Kuhn
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