

# Extending the Annotator's Work

- o From EVIADA to CAMVA

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# History of EVIADA and CAMVA

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## Chronographic Video for Instruction and / Archive (started 2001)

- Extensive use of video from field collecting
- Desire to preserve this video
- Ability to annotate this video
- Networked access for research and instructor

## Central America and Mexico Video Arch (2005)

- Goal: Digitize, preserve, and make available h  
at-risk or deteriorating film and video footage f

# Partners for CAMVA

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Center for Latin American and Caribbean  
Studies

Digital Library Program

Center for the Study of History and Memory

IADA

# Central American Partners

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Salvador

MUPI: Museo de la Imagen y la Palabra

Paraguay

HNCA: Instituto de la Historia de Nicaragua

Centroamerica

Mexico

CIESAS: Centro de Investigaciones y Estudios Superiores en Antropología Social

# MVA Support

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Grant from the Technological Innovation  
operation for Foreign Information Acc  
rogram of the US Department of Educa

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Project Director: Jeff Gould, CLACS

Project Manager: Mike Grove, CLACS

ITS Personnel: Jon Dunn, Will Cowan

VIADA Support: Mike Durbin, Sheh Al

# MVA Overview

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**Goal:** Digitize, preserve, and make available hundreds of hours of at-risk or deteriorated video footage from three Central American

**Methodology:** Leverage tools and expertise from the MVA Digital Archive project as much as

# MVA Process

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Video digitized by Central American institutional vendors

Transmitted to IU via Internet or DVDs

Transcoded to delivery formats at IU; m

IU's streaming servers and stored in preservation repository

# MVA Software Development

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Starting points:

EVA Annotator's Workbench

EVA Web Search & Browse Interface

EVA Controlled Vocabulary Tool

operate within the larger technical enviro

lifornia University

customize to be more appropriate to ne

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# Some differences between EVIA and

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designed for multilingual interfaces for announcements

designed for multilingual metadata, controlled vocabularies

more varied genres of video

video being described by archivists or the original creator

less focus on preservation; more on access

# What we didn't want

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No tightly coupled

Need to meet the needs of CAMVA

No flexibility

Parallel Software Development

e.g. CAMVA takes existing EVIADA code

its own development

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# What we decided to do

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Extend the Annotator's Workbench

Multilingual - start with Spanish but co  
language

Flexible window layout - different winc  
different layouts for different workflows

Flexible data entry - different fields for

New XML Schema supports extended

Workbench

# rotator's Workbench B.C. (Before)

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# Design and Implementation:

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Internationalization

Modularize the Annotator's Workbench

Determine scope of customizability

- Fields
- Components
- Features

Create a means of expressing the cor

- Layout XML Schema

# Design Considerations: Fields

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User interface must gracefully accept an inclusion of fields

Largely manual process considering a combinations and looking at the user i

Entered metadata and annotation must be hidden when not exposed to the user in th

out

# Design Considerations: Component

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generalization of our component configuration  
minimally support the current EVIA layout  
proposed CAMVA layout

Components can be internal windows

Components can have relative sizes or  
fixed sizes

Components must fit into an arbitrarily  
sized container (the main application window)

# Design Considerations: Composer

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Unable to find standard solutions to ana  
matting problems

Predefined layouts for Java were unus

HTML doesn't deal with the same issu

Doesn't seem to be any standard mod  
f layout configuration

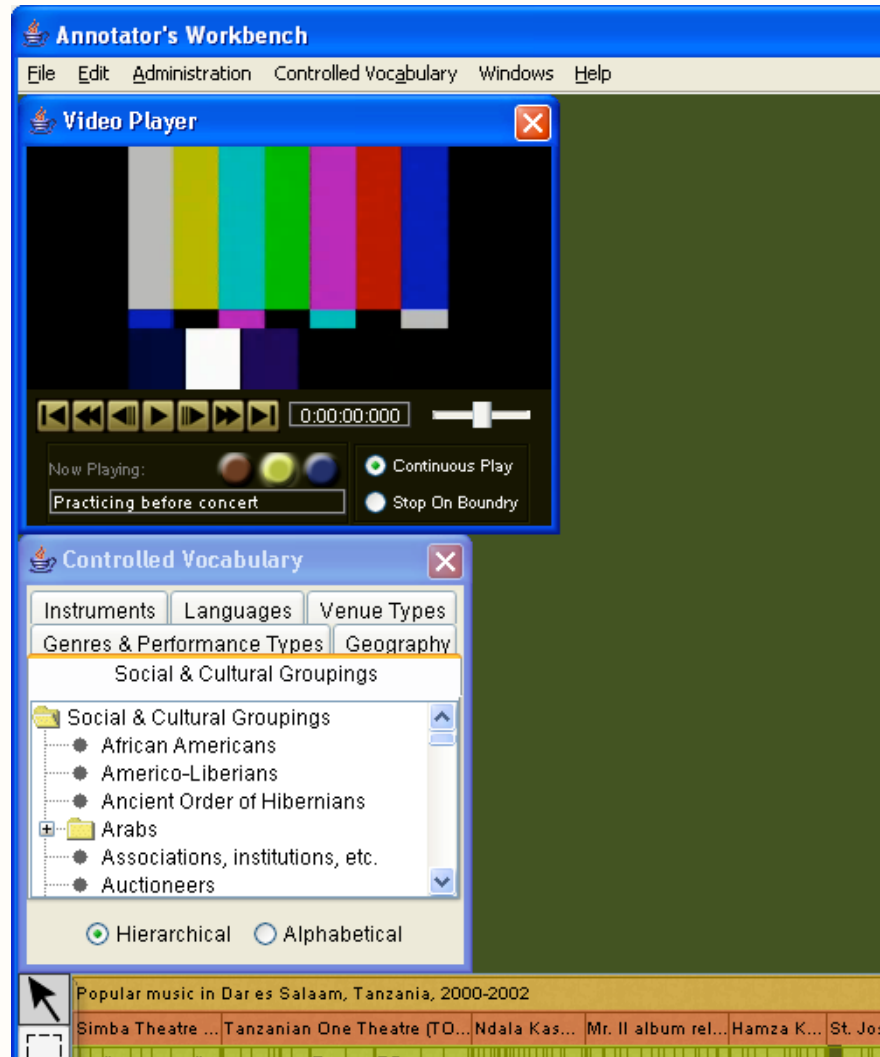
# Design Considerations: Composer

## Visual Design

anchored components are laid out sequentially in blocks that are anchored to the side of the remaining formatting area

floating components are placed in their percentage-based position

minimum sizes for floating component override layout specification



# no of Annotator's Workbench

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QuickTime™ and a  
H.264 decompressor  
are needed to see this picture.

# Current and future work

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Video standards defined

Developer hired (Gulshan Patil)

Work begun on making Annotator's Work  
Multilingual

Meeting with Member Institutions planned  
Summer 2007

Define user needs for Annotation Proc

Define user needs for Controlled Vocab