



Merlin *One*

**We have not been “your father’s  
archive” for years!!!**

**SLA Conference, June 16, 2008**

**David Breslauer**

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**Started as a photo archive**

**Became a Picture Desk®**

**Adopted MS SQL**

**Added Text**

**Added searchable PDF and Graphics**

**Merlin MSync for Fault Tolerance/Disaster Recovery**

**Integrated with Production Systems**

**Last year we added support for MS Office documents**

**Today we are beginning our first Video installations and increasing our hosting initiative.**

## **Game Changer:**

**No capital burden**

**No upgrades to worry about**

**No IT department overhead**

**9 years Hosting Experience**

**Fault-Tolerance**

**24X7 support for users with 99.99% uptime**

**An excellent ROI**

# Merlin 5 in Development

SAVED PROJECTS

- ACME suit
- Demo project
- new project for demo
- QATest

SHARED SEARCHES

- Demo Searches
  - "Jack smith"
  - AP Tennis
  - ATLEAST 5 bush
  - bush
  - bush AND clinton Ph
  - bush not clinton
  - cage THEN malkovich
  - claus not santa

SERVER TARGETS

- CONVERT TO FLASH\_16X9
- CONVERT TO FLASH\_4X3
- FCP
- FTP NONVIDEO TO VIDEO 2
- FTP TO VIDEO 2
- SEND TO ALL WIRES
- SEND TO AP
- SEND TO METAMAPPER
- SEND TO PRODUCTION
- SEND TO REUTERS
- SEND TO YOU TUBE

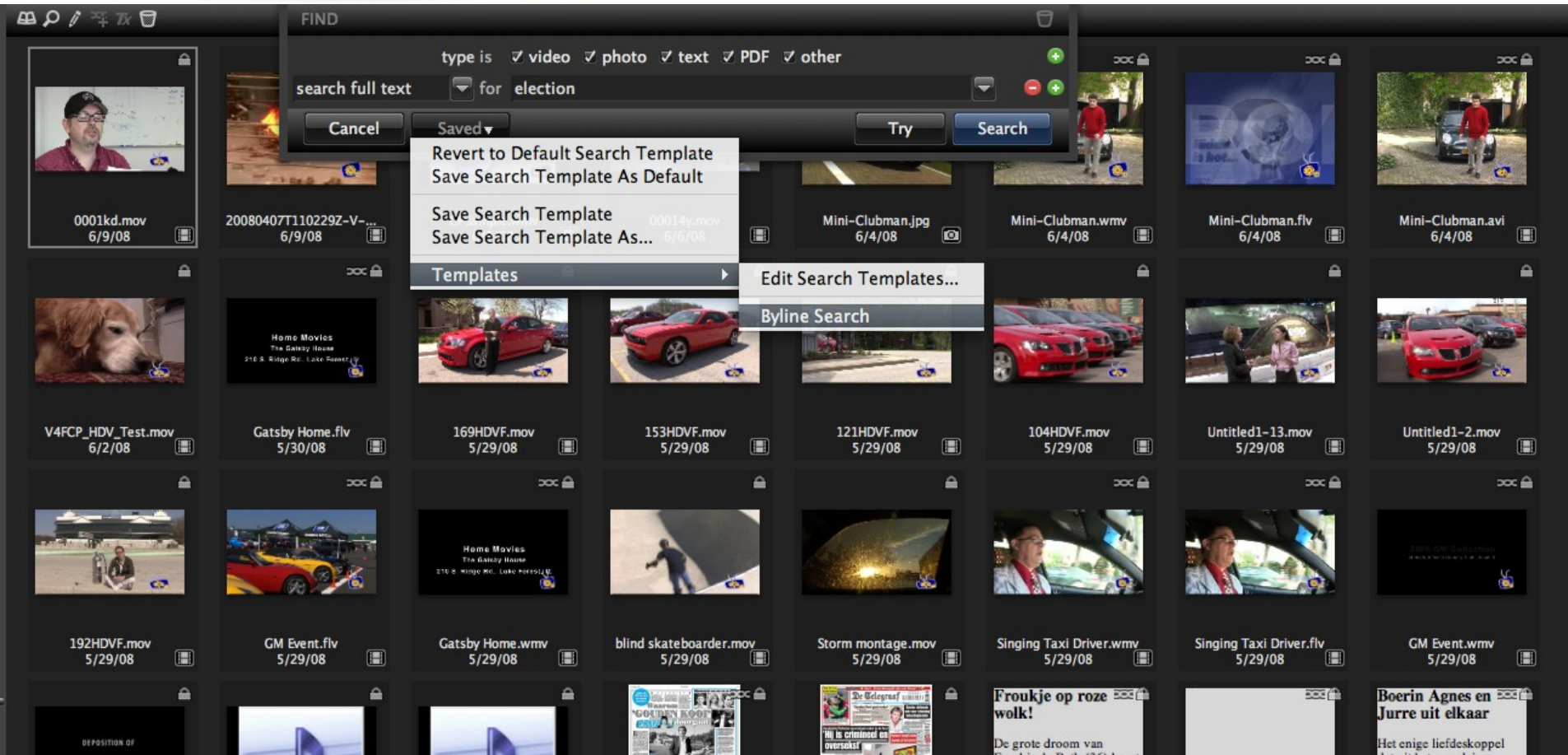
0001kd.mov 6/9/08	20080407T110229Z-V... 6/9/08	CPSample.wmv 6/9/08	00014y.mov 6/6/08	Mini-Clubman.jpg 6/4/08	Mini-Clubman.wmv 6/4/08	Mini-Clubman.flv 6/4/08	Mini-Clubman.avi 6/4/08
V4FCP_HDV_Test.mov 6/2/08	Gatsby Home.flv 5/30/08	169HDVF.mov 5/29/08	153HDVF.mov 5/29/08	121HDVF.mov 5/29/08	104HDVF.mov 5/29/08	Untitled1-13.mov 5/29/08	Untitled1-2.mov 5/29/08
192HDVF.mov 5/29/08	GM Event.flv 5/29/08	Gatsby Home.wmv 5/29/08	blind skateboarder.mov 5/29/08	Storm montage.mov 5/29/08	Singing Taxi Driver.wmv 5/29/08	Singing Taxi Driver.flv 5/29/08	GM Event.wmv 5/29/08
nealy.mpg 5/27/08	cp_sample2.wmv 5/27/08	cp_sample2.wmv 5/27/08	De Telegraaf 5/23/08	De Telegraaf 5/23/08	M33925945 5/23/08	M33925939 5/23/08	M33925936 5/23/08
Miljoenenprijs voor een van de vier! by foto: afp	De teleurstellende uitschakeling by foto: afp	Van der sar held United by foto: afp	Verdachte in de Puttense moordzaak vaker in de fout by Van onze verslaggevers	Boetes defensie ook voor rekening belastingbetaler by door Dennis Naaktgeboren en Louke Schaafsma	Gouden Kooi gaat verder by door Wilma Nanninga	Gemeente zwicht voor klacht moslims by door Pieter Buss	De Telegraaf.pdf 5/23/08
M33925931 5/23/08	M33926214 5/23/08	M33930064 5/23/08	M33926231 5/23/08	M33926212 5/23/08	M33926210 5/23/08	M33926208 5/23/08	De Telegraaf.pdf 5/23/08

Show: article text

Sure Schilling was always at the She said she became a serious this is for Iraq. Just recently Diagnosed six years ago with all, she made marathons a cripple critical part of her recovery running my first marathon Schilling said the White Red Sox pitcher Curt was



# New M5 Client Features



## Save Search Templates



# New M5 Client Features

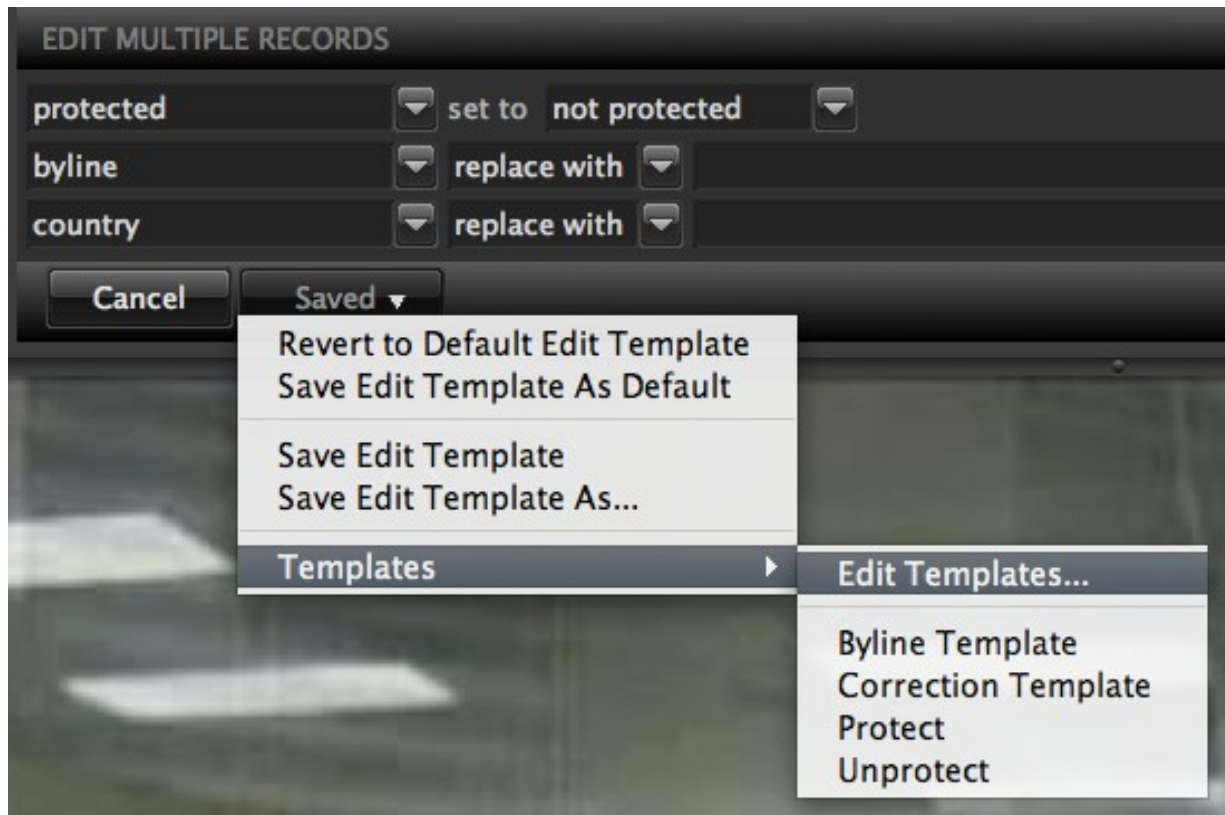
EDIT MULTIPLE RECORDS

protected	▼	set to	not protected	▼	+
correction	▼	append	▼	▼	- +
byline	▼	replace with	▼	▼	- +

Cancel    Saved ▼    Apply

**Batch Editing of Any Field**

# New M5 Client Features



**Save Batch Edit Templates**

# New WebMaster Templates

MerlinOne

Video  Photo  Story  Other  PDF

SEARCH

Advanced Search | Saved Searches | Projects

Hits: 1 to 9 of 9

MerlinOne


Logged In: tone

You are currently viewing project 'Demo Project'

[Combine Text Objects](#) [Delete it](#) [Printer Friendly](#)

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Byline: **Stefanie Seskin**  
Input: **May 6, 2008**  
Created: **June 7, 2006**



**Survivor\_headsallinone.qxd**

ARAS BASKAUSKAS TERRY DEITZ DANIELLE DILORENZO CIRIE FIELDS TINA SCHEER MELINDA HYDER MISTY GILES RUTH MARIE MILLIMAN FINAL FOUR: (In alphabetical order) CASTAWAYS: BOBBY MASON DAN BARRY NICK STANBURY AUSTIN CARTY SALLY SCHUMANN BRUCE KANEGAI COURTNEY MARIT SHANE POWERS

[Remove from 'Demo Project'](#)

---

Byline: **Tom Friend**  
Input: **August 17, 2005**  
Created: **May 5, 1996**  
Published: **May 5, 1996**  
Source: **New York Times Magazine Desk**  
Edition: **Late Edition - Final**  
Page: **62**  
Section: **6**


**Stupid Baseball Tricks**

THE MAN WHO WOULD SAVE baseball keeps Bazooka bubble gum in his front pocket. "Addicted," he says. He also has coins in his pocket, in case he stumbles upon an arcade. He isn't above racing with 14-year-olds to get to the best video games first, and he usually wins. "I kick kids out of the way," he says. He also keeps a pen in his pocket, in case he sees a napkin. Sometimes he writes ideas on these napkins and files them under B -- for Brainstorms. "But, mostly, I doodle on them," he says. ...

[Remove from 'Demo Project'](#)

---

Input: **May 6, 2008**  
Created: **January 11, 2006**




**Hi\_j0196.PSD**

[Remove from 'Demo Project'](#)

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Input: **May 6, 2008**  
Created: **October 9, 2006**



**M5Hi\_j0052.EPS**

Source: Medtronic Spinal Disk Treatment Under Review New stainless steel disks, currently under FDA review, can be inserted between vertebrae when natural cartilage disks have been damaged. If approved, the device could replace as many as half of the 250,000 bone fusion surgeries performed every year in the U.S. to treat degenerated disks. Normal disk Degenerated disk Dry, cracked appearan

[Remove from 'Demo Project'](#)

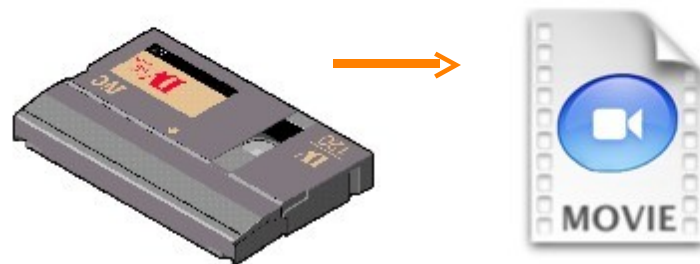
**What Else is New?**

Merlin*One*

# Merlin Video

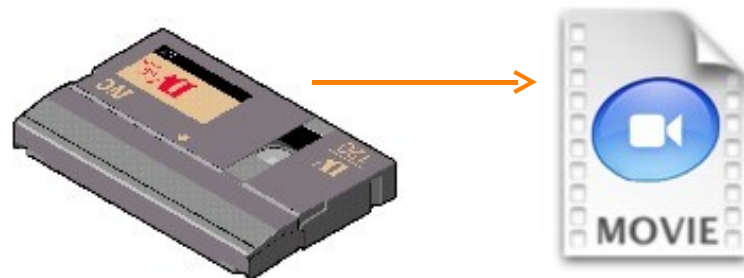
# Deja Vu all over again

**Film and video:  
transition issues are basically the same**



# Issues going from video tape to video file

- ✓ **Storage** • costs for space and moving large files
- ✓ **Encoding** • compression and quality
- Metadata** • data describing the content
- Management** • how to organize?





Set by industry association IPTC

Handled by most all photo software

The screenshot displays the Merlin 4 PPC software interface. On the left is a 'Collections' sidebar with a tree view including MerlinDemo, Subjects, Projects, Saved Queries, Output, Folder Targets, Program Targets, Server Targets, Printer, and Trash. The main window is titled 'Search for Ferrari' and shows a search result for a photo of a red Ferrari Formula 1 car. The metadata panel on the left of the main window lists the following IPTC fields:

- Protected
- Librarian
- Rights
- Date Created: 10/31/99
- Headline: m06
- Object: F1 2000 PREVIEW
- Service:
- Category: S
- Sup. Category: FILE
- City: SUZUKA
- State:
- Country: JPN
- Byline: KATSUHI KASAHARA
- Byline Title:
- Credit: AP
- Source: AP
- Caption By: HE DFV HY
- Instructions: ELECTRONIC IMAGE
- Reference: NY160
- EXPIRES:
- Locked By:
- Look Until:
- Keyword:
- Keyword:

The photo itself shows a red Ferrari F1 car in the foreground, with a yellow and blue McLaren-Mercedes car behind it. Below the photo, technical details are listed:

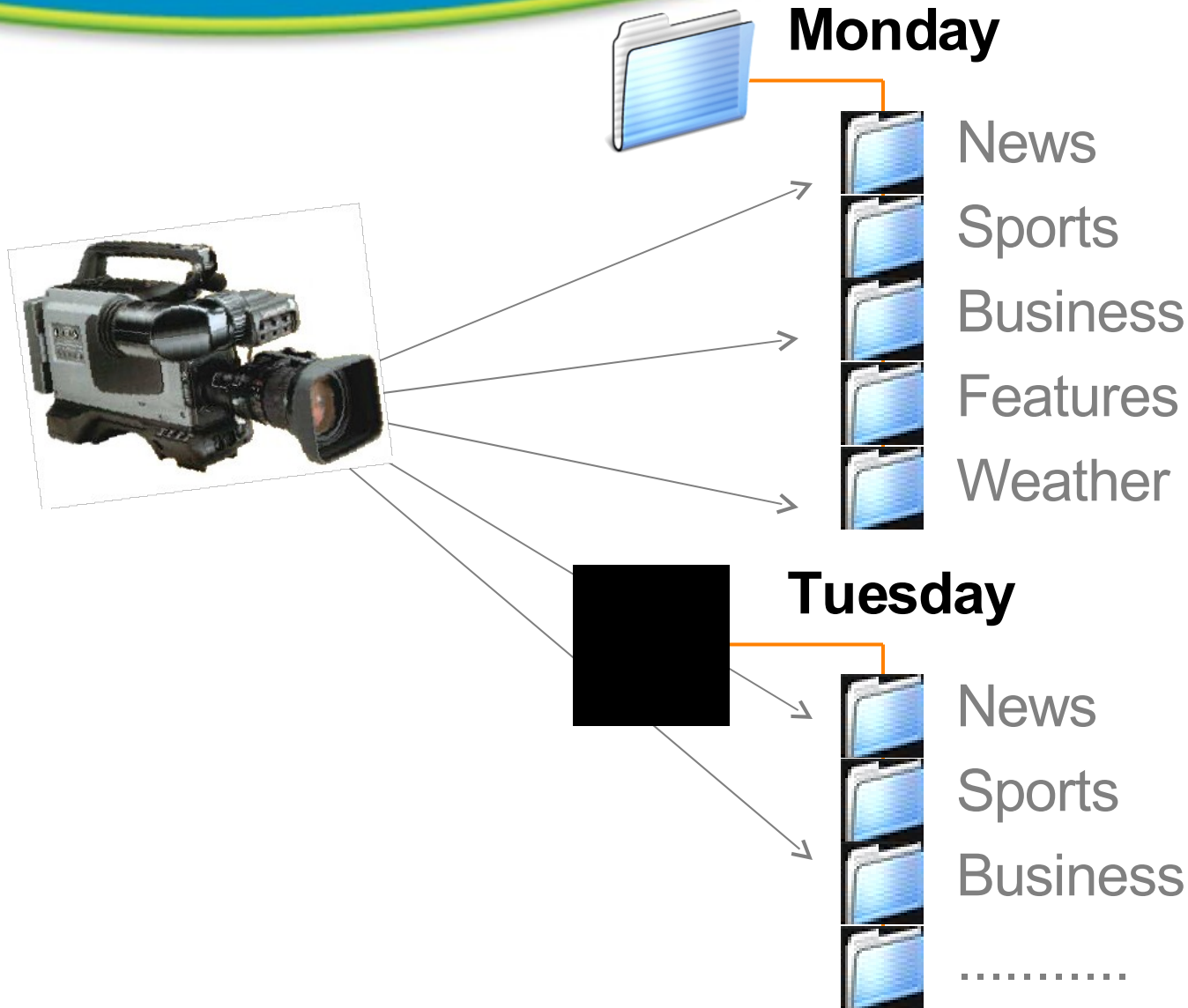
- Width X Height: 1524 x 1650
- File size: 7.52 MB
- Published Never
- Input: 7/27/00
- Page:
- Section:
- Edition:
- Zone:

At the bottom of the window, there is a small text block:

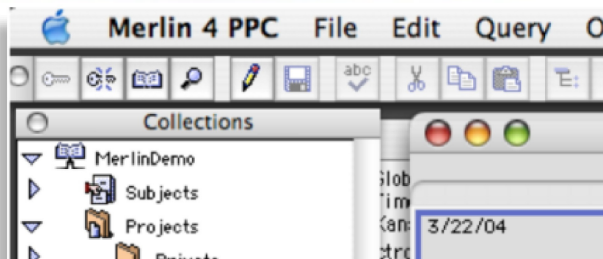
FOR USE WITH AUTO RACING PACKAGE--Finland's Mika Hakkinen, in a McLaren-Mercedes, takes an early lead against Michael Schumacher in a Ferrari, red, shortly after the start of the Japanese Grand Prix at Suzuka Circuit Sunday, Oct. 31, 1999, in Suzuka, Japan. Hakkinen aims to become only the second driver to win three straight Formula One championships, but Michael Schumacher thinks he has the car to spoil that dream. So, the story line again in F1 is McLaren vs. Ferrari. And Schumacher, also a two-time series champion, figures his Ferrari is at least on even ground at the start. (AP Photo/Katsuhi Kasahara)

At the very bottom of the window, status information is shown: Current Item: 9 of 25, Merlin ID: 13237, Selected: 1.

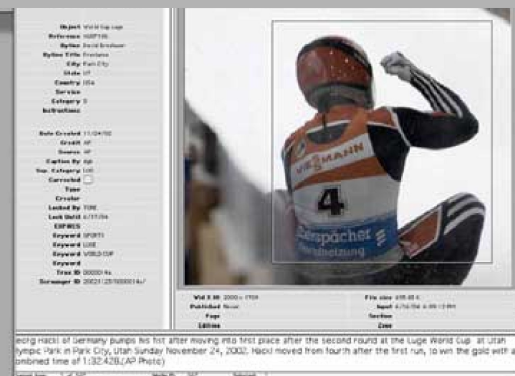
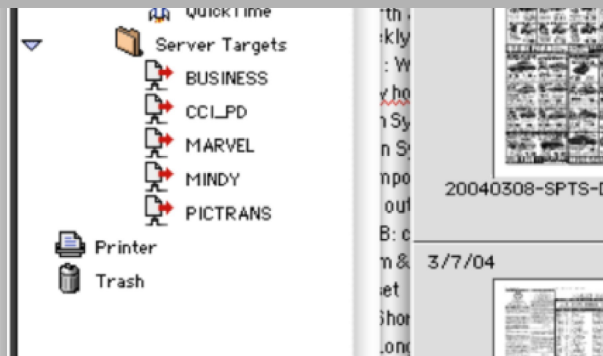
# Using folders to manage video



# Database workflow



No metadata. No workflow.

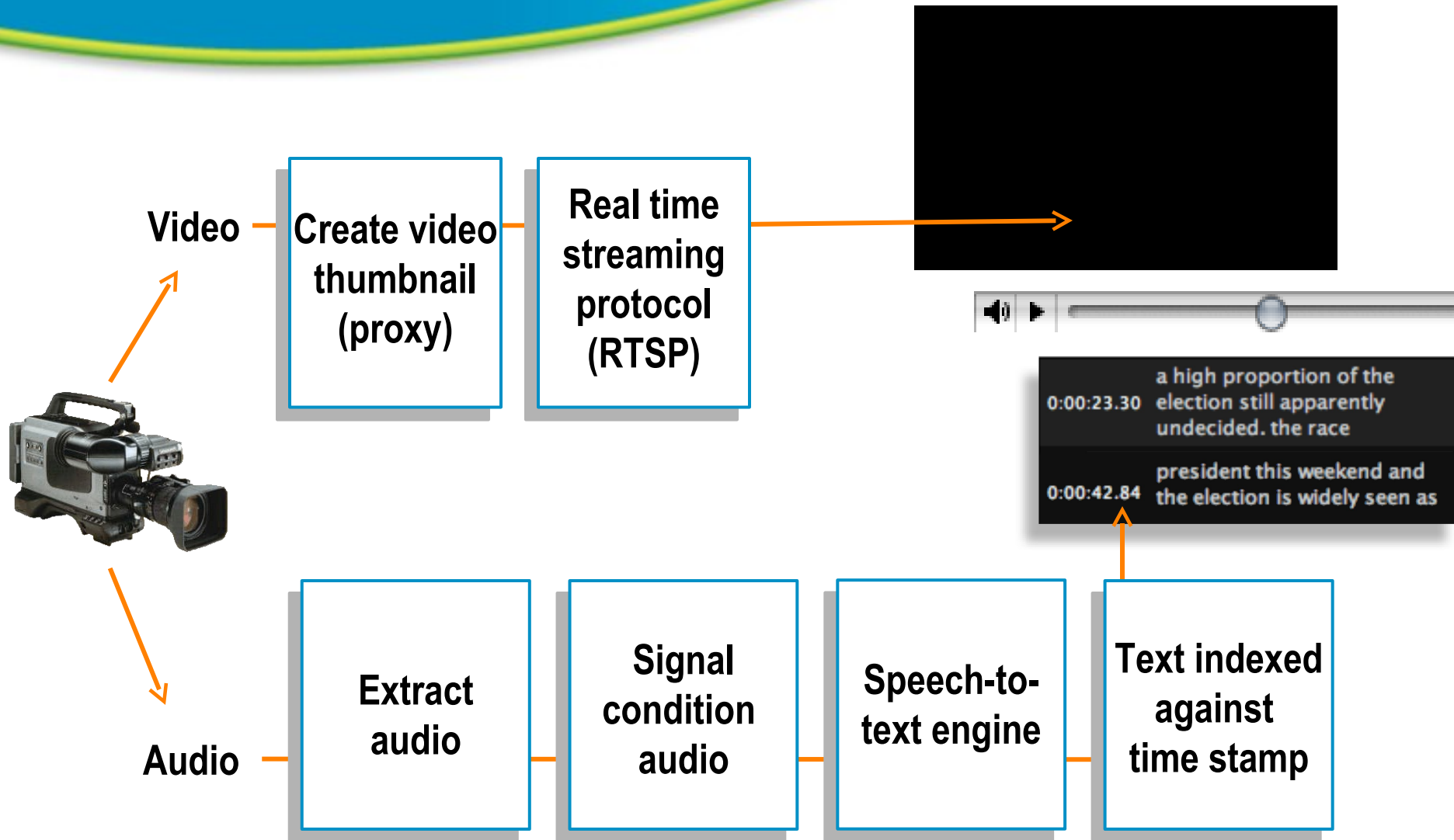


Being HASEL of Germany pumps his fist after moving into first place after the second round of the Luge World Cup at Utah Olympic Park in Park City, Utah Sunday November 24, 2003. HASEL moved from fourth after the first run, to win the gold with a combined time of 1:32.426.(AP Photo)

# **How to manage video as easy as text?**

**Search soundtrack for  
spoken words.**

# Merlin Video processing



# Click: playhead jumps to search term

The screenshot displays a video player interface with a search results list on the left and a video player on the right. The search results list contains three entries:

- 0:00:23.30 a high proportion of the election still apparently undecided. the race
- 0:00:30.94 final push the bites the election will bring the cut in
- 0:00:42.84 president this weekend and the election is widely seen as a

The video player on the right shows a woman in a white shirt speaking at a podium. The podium has a sign that reads "La France Présidente" and "desirs d'avenir". The video player's progress bar shows the current time as 0:23.30, which is circled in orange. The total duration of the video is -2:43.20. The video player also includes standard playback controls such as play/pause, stop, and volume.





20080505T212354Z-... 5/6/08

testfile.mp4 4/21/08

20080409T122345Z-... 4/12/08

20080408T181523Z-... 4/8/08

21976-Courant\_Main... 3/24/08 PDF

Duke podcast test.mp4 11/14/07

AutoWeek 10/29/07

The Professor in Public Law Research  
Great Lives in Law... 10/28/07

20070420T102700Z-... 10/26/07

Hillary Makes Her Fir... 10/23/07

Fresh Air Robert Reich... 10/8/07

0:01



Categories

- Final Edit
- Review
- Approved
- Needs Release

+ -

Markers

+ -

Clips

in	out	
0:00:03.5		
0:00:03.7	0:00:47.4	ing
0:00:23.3		

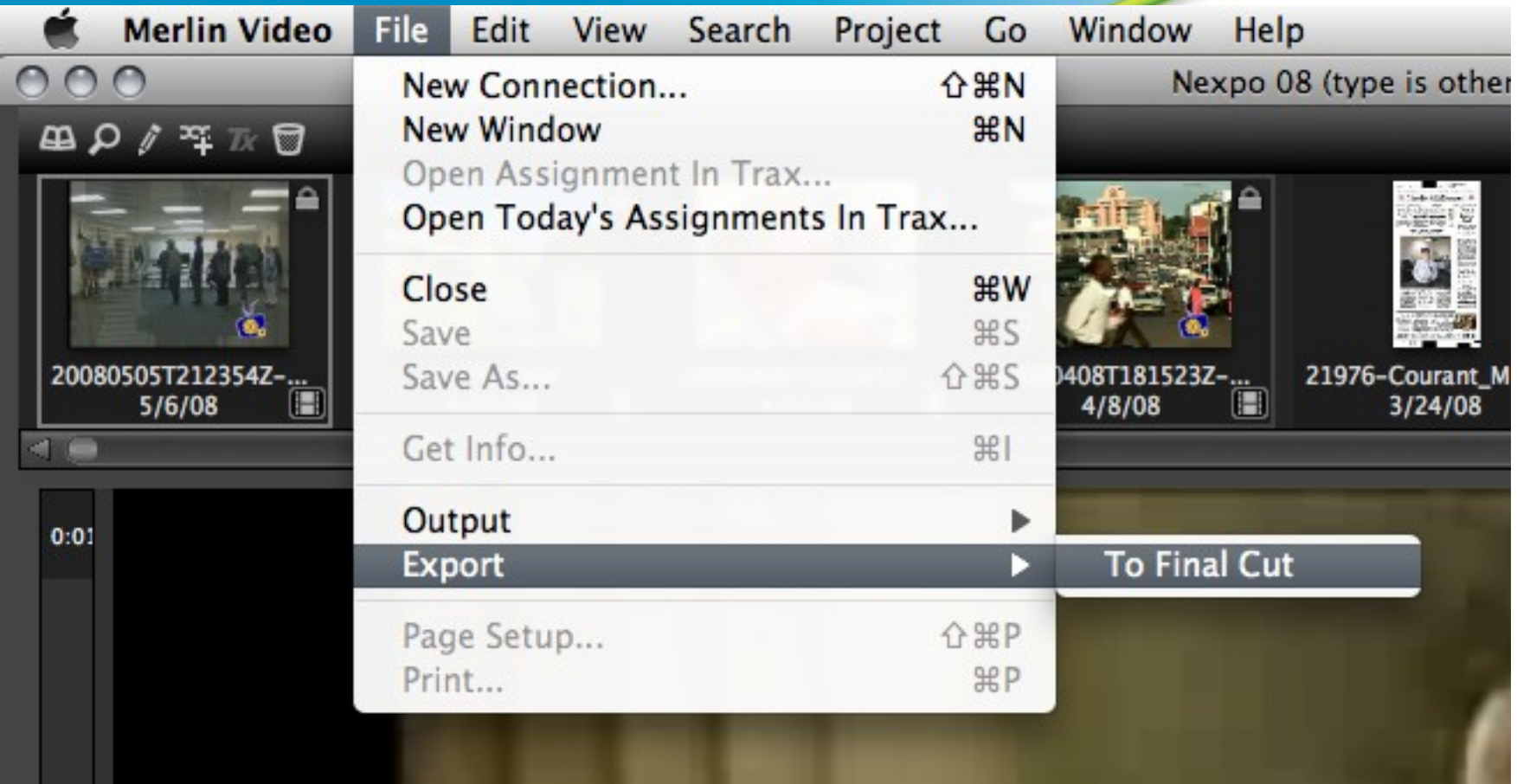
+ -

0:35.99 | 0:00:03.71 | 0:00:47.48 | -0:55.48

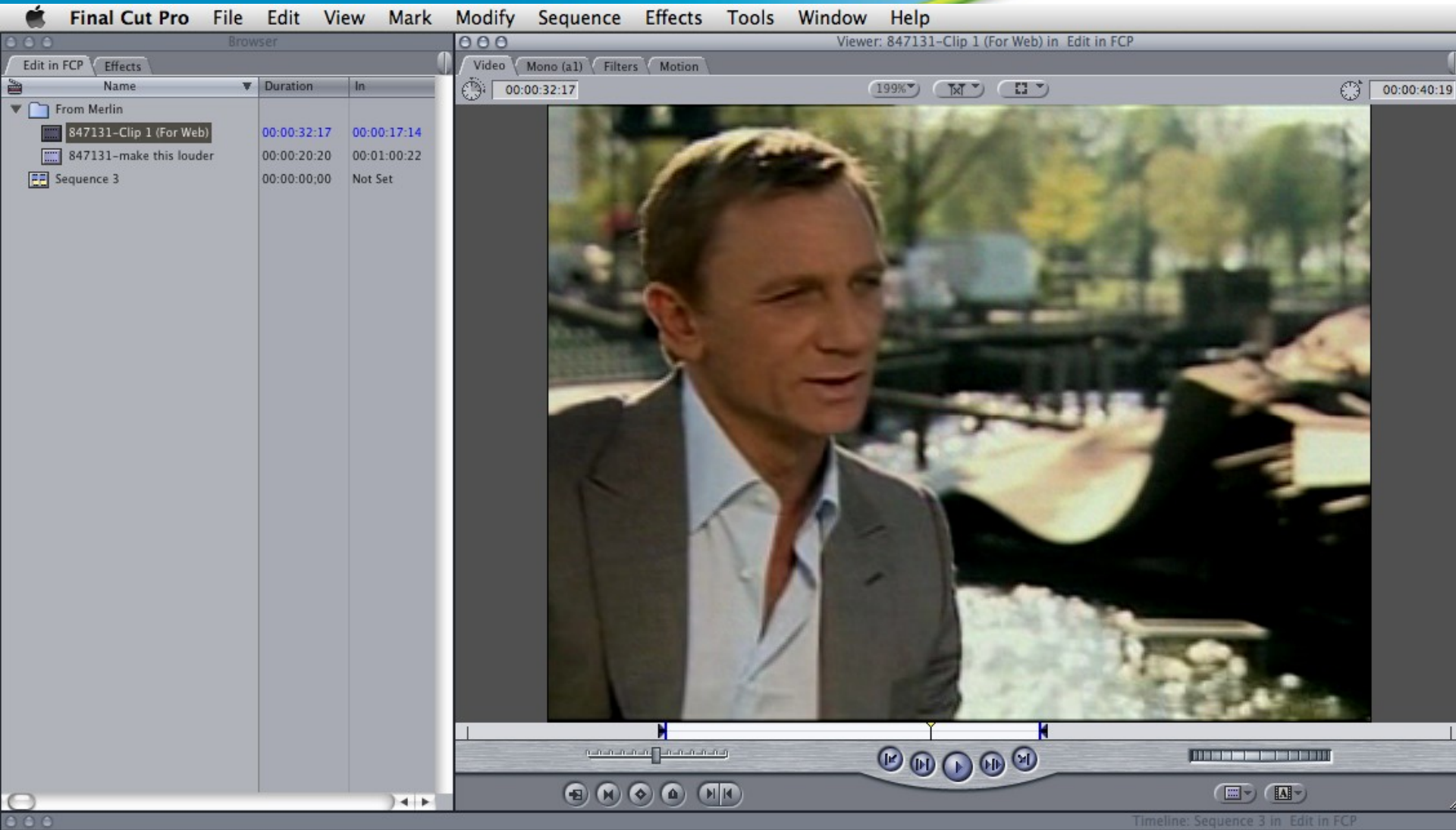
Volume icon

Show: article text

Obama Speaking  
description



**Pre-Edit in Merlin, Export to Non-Linear Editors**



**Clips Show Up in NLE with in/out points preset**



SHARED SEARCHES

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  - ⚙ "jack smith"
  - ⚙ AP Tennis
  - ⚙ ATLEAST 5 bush
  - ⚙ bush
  - ⚙ bush AND clinton Ph
  - ⚙ bush not clinton
  - ⚙ cage THEN malkovich
  - ⚙ claus not santa

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- 📁 **FTP TO VIDEO 2**
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- 📁 SEND TO METAMAPPER
- 📁 SEND TO PRODUCTION
- 📁 SEND TO REUTERS
- 📁 SEND TO YOU TUBE

0:36.66

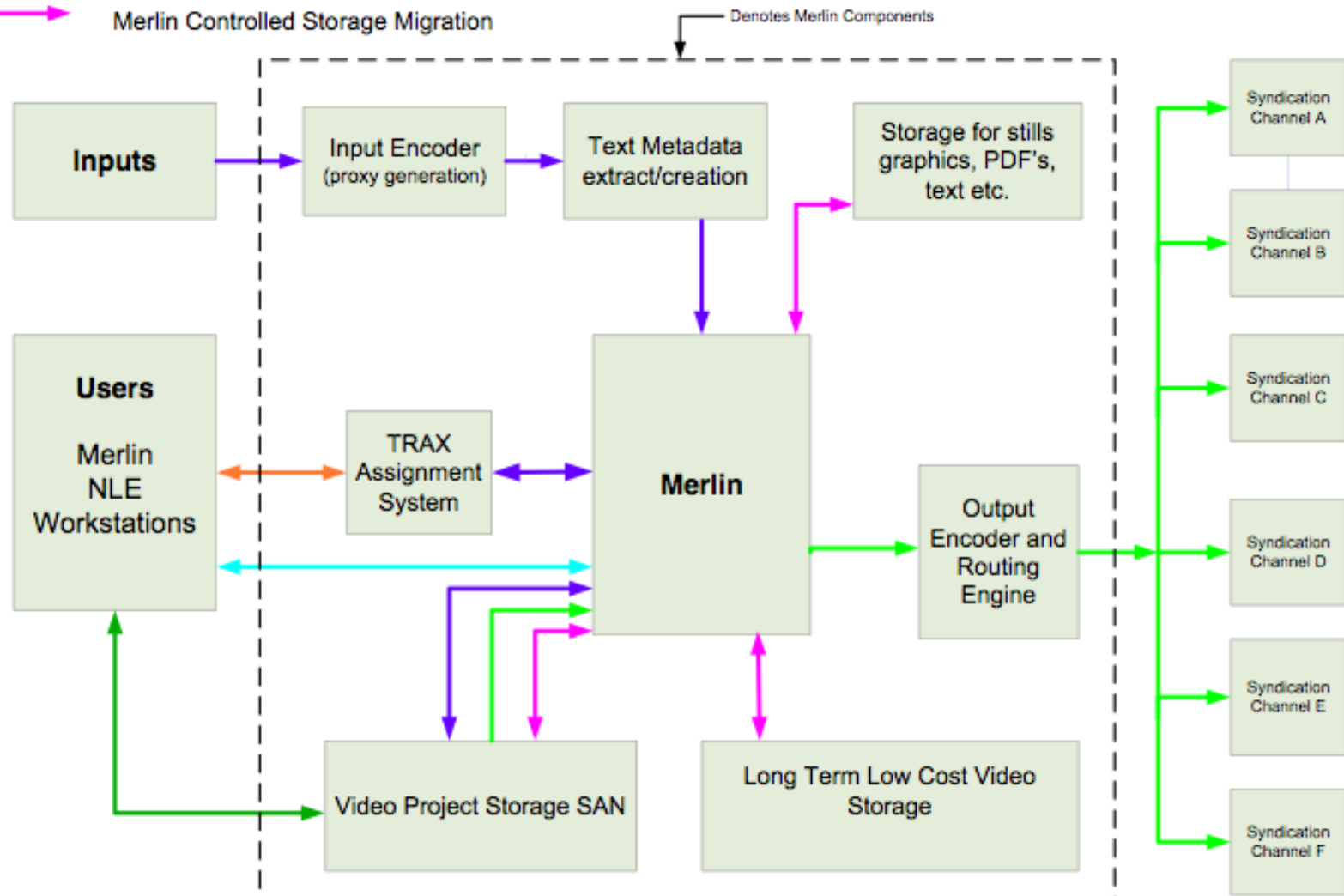
Show: **article text**

With Boulder is set to go to the polls in Indiana and North Carolina leading Iraq go, in the Democratic primary by a little over four would likely derail her bid for the Democratic nomination alter University is a mobile lot of fall off from losing both of those sta

# Merlin Video Workflow

4/8/2008 V2

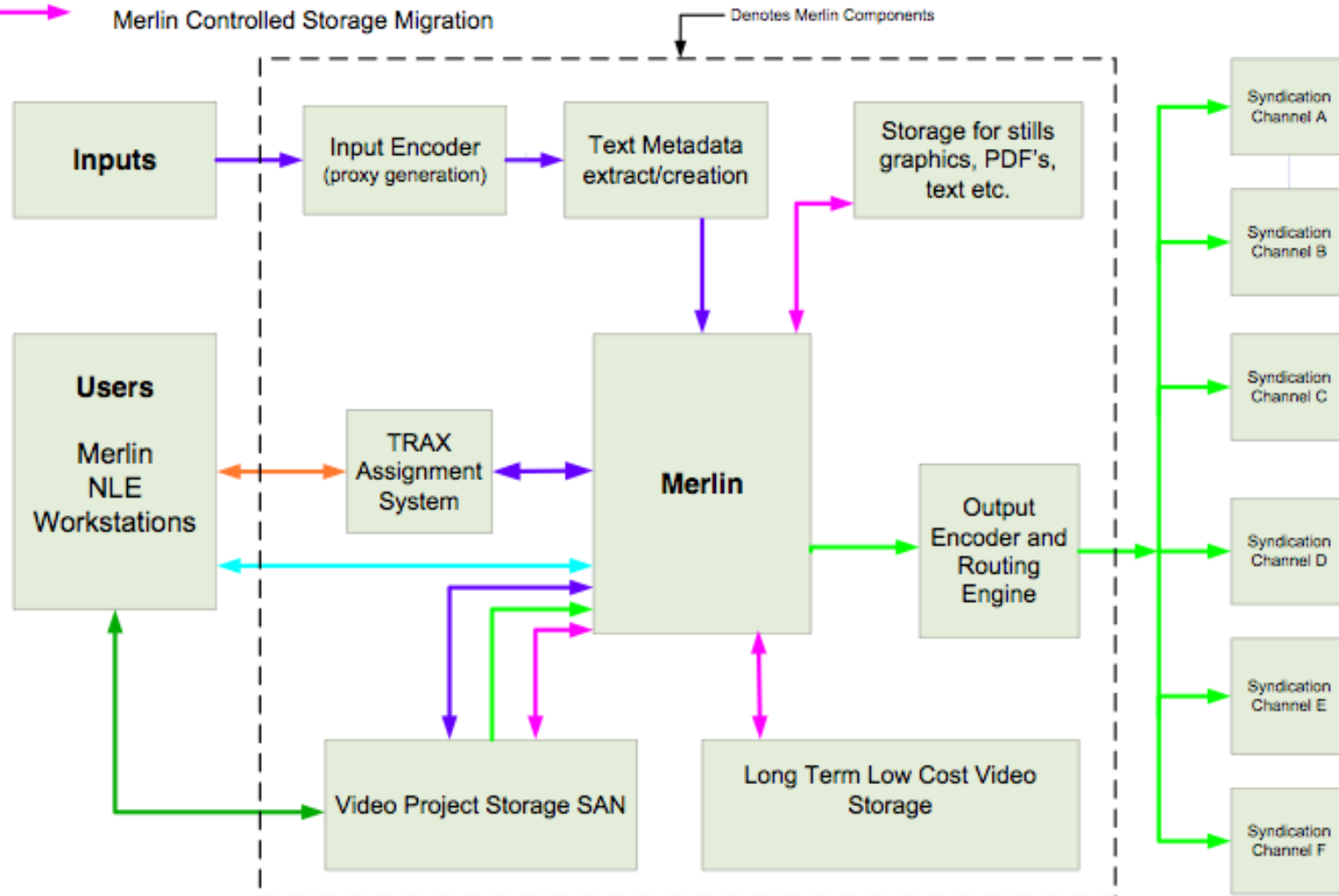
- Video Hi-res data access Path (fibre)
- Users Merlin Access (searches, etc.)
- User's TRAX access Path
- Data Input Flow
- Data Output Flow
- Merlin Controlled Storage Migration



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4/8/2008 V2

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**Thank You!**

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