DIGITAL VISION

COMBOBULATOR

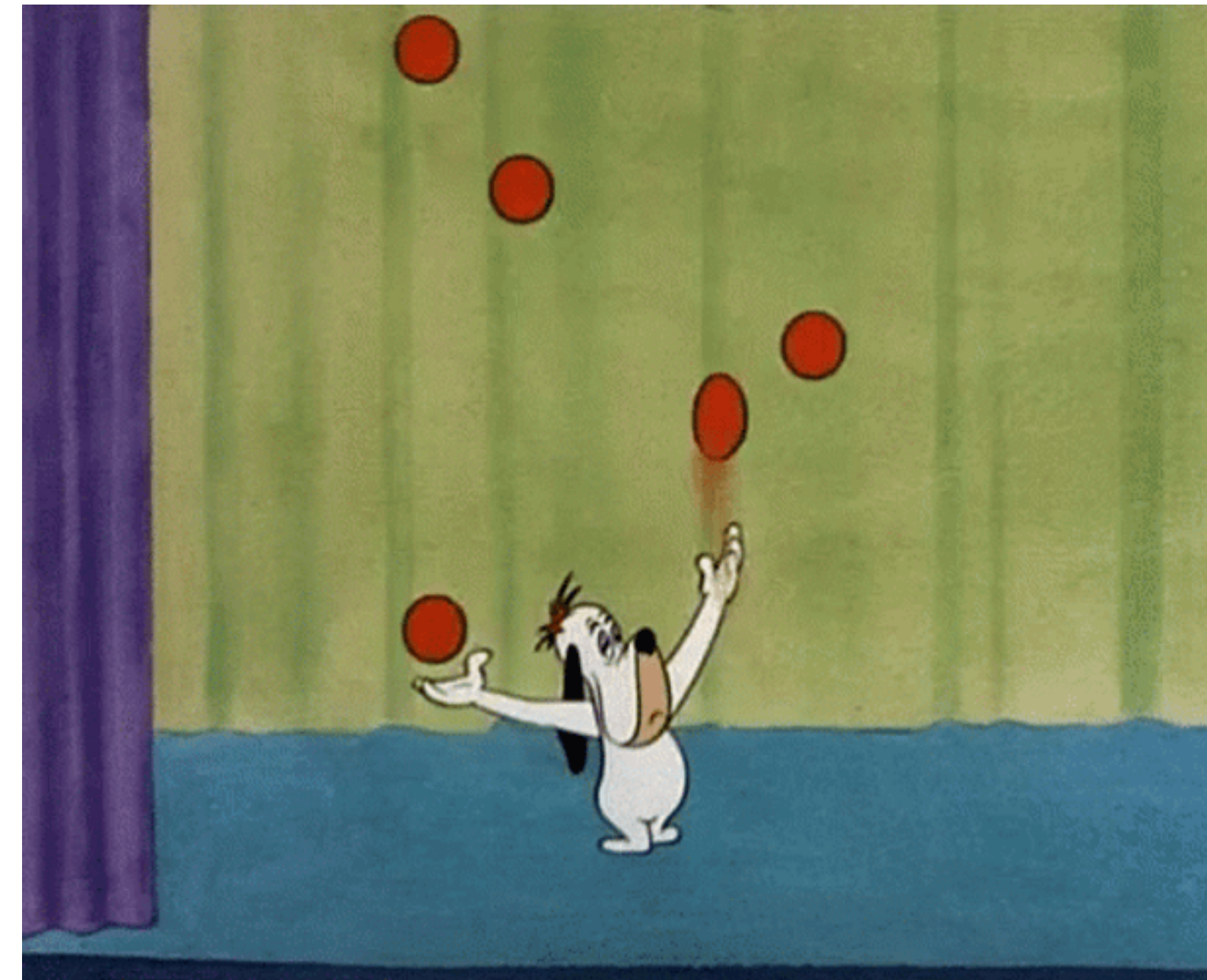Downloading and Management of Rx and Stock Orders ...and more!

Brian Biggs and Armando Montalban

SOFTWARE ENHANCEMENTS

What does the Combob do?

It's very busy beyond downloading orders:

✦ Digital Calculations

✦ Job Change Requests

✦ Short Orders

✦ Statuses

✦ Subcontracting

✦ Tray Management

SOFTWARE ENHANCEMENTS

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Multi-threaded Combobulator software[WSR]

- ✦ Prevents unresponsive digital surfacing servers from impacting other operations

- ✦ Improves performance by reducing wait times

- ✦ Multiple tasks performed simultaneously

WEB MIGRATION

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VISION

- ✦ DVI Enterprise

- ✦ Cloud based services

- ✦ More secure

- ✦ Robust

RECOMMENDED QUEUES

Standard features that should be implemented

- ✦ Consolidated Subcontracting

- ✦ Lens and Frame Short Orders

- ✦ Labels for Supplied Frame Jobs

- ✦ Auto-reprocess Frame Tracing

- ✦ Digital Surfacing Calculation Results

Name	Count	Age	Status
Customer Service	11	74:11:25	
Second Pair	0		
Digital Calc	0		
Failed Calc	0		
STOCK JOBS	1	6:11:56	
Review	27	27:14:25	
FTC Wait	16	44:14:47	
FTC Auto	0		% 0
Frame Order	0		
Frames Ordered	30	48:11:33	
Frames Received	0		
Subcon	6	27:14:55	
Subcon Sent	228	45:08:09	
Subcon Fail	0		
Lens order	46	31:11:54	
Lens on Order	159	255:08:54	
Lens Rcvd	0		% 0
FINISHED LENSES	2	27:09:42	
SEMI FINISHED	2	6:11:15	
Uncategorized	0		
Promoted Edits	0		
Rmt Rx Modified	0		
Edits	40	27:12:13	

RECOMMENDED QUEUES

✦ Consolidated Subcontracting

All vendors in one bucket when possible.

Setting it to Auto-Release will automate subcontracting

✦ Frame and Lens Short Orders

✦ Labels for Supplied Frame Jobs

RECOMMENDED QUEUES

✦ Auto-reprocess Frame Tracing

   - Saves paper and steps

✦ Digital Surfacing Calculation Results

   - Corrals jobs that can't be started yet

   - Front-ends calculation errors

Name	Count	Age	Status
Customer Service	11	74:11:25	
Review	27	27:14:2	
FTC Wait	16	44:14:47	
FTC Auto	0		%0
Frame Order	0		
Frame Order	0		
Frames Ordered	30	48:11:33	
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Subcon	6	27:14:55	
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SOFTWARE ENHANCEMENTS

DIGITAL VISION

Redesigned Queue Directory Interface

Defining custom file integrations more streamlined

✦ Allows downloading orders and uploading statuses from labs that require SSH File Transfer Protocol (SFTP).

✦ Traditional local order file pathing defined here as well

NEW SOFTWARE TOOLS

Recheck Queue Logic Against Jobs

New menu option to re-sort work on demand

- ✦ Jobs with new statuses may not be in currently appropriate queue

- ✦ Eliminates need to save a "change" to force re-sort

- ✦ Different from "Reprocess Rx's"

  - Recheck does not recalculate job in Rx program

- ✦ Commonly used after receiving lens orders, prior to creating new orders

NEW SOFTWARE TOOLS

Print Label / PDF option[WSR]

New menu option to print custom form

✦ Replaces traditional workticket when releasing job from queue

✦ Can have unique setup from queue to queue

✦ Label version uses non-standard Customized Workticket form

 - Label dimension definable for custom media (tags, stickers, different paper size, etc.)

✦ PDF version currently used with automated storage and retrieval systems (ASRS)

Service Code ☐ Stay in Combobulator

Max #Orders Releasable 0
modified 04/29/24 by @@

Printing Option
Label

Wktk Label: ALTLABEL

Frame Label

☐ Stock Order Queue

☐ Hold Queue

☐ Subcontract Queue   ☐ Assign FTC Bin

☐ Auto FTC Queue   Bin Range:

☐ Pinnable   FTC

OK

NEW SOFTWARE TOOLS

New Data Types!

- ✦ Hundreds of available data type options to sort work

- ✦ New fields available:

  - Stock Category

  - Frame Trace Source (Pattern vs. Frame)

  - Frame Division

  - Frame Comment

  - Frame UPC

  - Tint Description

  - Ultimate Vendor

  - Subcontactor Lab Status

  - "ASRS" options (Automatic Storage and Retrieval)

NEW SOFTWARE TOOLS

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Second Pair Detection[WSR]

✦ Option in DVI settings

- Used in tandem with duplicate order settings

✦ Activated when frame, lens style, material or colors differ

AR Transfer Version	D	AR Transfer vers
Mega Transfer File	WS24MEGA.XML	Mega Transfer fil
Mega Transfer Version	E	Mega Transfer ve
HIPAA Mega Transfer Option		Number of charac
Include Breakage Detail	Y	Y=Show breakag
Breakages for Brksum	3	Jobs with fewer th
Rx Duplicates: Rx Number	Y	Y=Use Rx Numbe
Rx Duplicates: Patient	N	Y=Use Patient in
Rx Duplicates: Soundex Patient	Y	Y=Use Soundex
Rx Duplicates: Account	Y	Y=Use Account in
Second Pair Detection	Y	Y=Enable secon
Rx Duplicate Days	60	Days to store Rx
Print Reports	N	Y=Print reports af
Email Reports	Y	Y=Email reports a
Rx Screen File	S	Jobs in rx screen

NEW SOFTWARE TOOLS

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Second Pair Detection

✦ Combobulator queue to capture potential second pairs

- "Second Pair" = TRUE

- Job no longer starts life as edit problem

- Second Pair orders now sorted into queue where a specialist can approve

- First pair can be in process or shipped within duplicate date range

NEW SOFTWARE TOOLS

Re-Combobulating from List File

✦ Useful for when many jobs are accidentally released, especially if worktickets aren't physically present

✦ Previously only manual reprocessing or typing/scanning trays

✦ Command line utility only

- Work with DVI

✦ Consider preventative measures:

- Hold Queue

- Limit amount releasable at once

Max #Orders Releasable 20

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Printi

Lab

Wktk CU

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THANK YOU

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