

# Transkribus

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# How it works

- Handwriting Recognition (HWR) and Optical Character Recognition (OCR) systems to process documents and automatically transcribe

The screenshot shows the Transkribus v1.9.1 application interface. At the top, there's a toolbar with various icons for file operations like Open, Save, Print, and a magnifying glass for search. Below the toolbar is a menu bar with Server, Overview, Layout, Metadata, and Tools. The main area has several panes:

- Left pane:** A sidebar with "Recent documents..." and "Collections" (joe\_price@byu.edu Collection). It also includes sections for "Documents" and "Jobs".
- Middle-left pane:** A table view of documents with columns for ID, Title, Pages, Uploader, and Uploaded date.
- Middle-right pane:** A large preview window showing a scanned document titled "Attorneys" with handwritten names and numbers being processed by the system.
- Bottom pane:** A search results list with numbered items corresponding to the names in the preview window.

Annotations with red arrows and text:

- An arrow points from the text "Upload documents here" to the "Recent documents..." dropdown in the sidebar.
- An arrow points from the text "Export documents here" to the "Tools" tab in the menu bar.
- An arrow points from the text "Edit transcription here" to the bottom search results pane.

Annotations with blue text:

- "Logout joe\_price@byu.edu" is displayed above the sidebar.
- "Tools tab" is highlighted in blue.

Annotations with green text:

- "Search current document..." is highlighted in green.

Annotations with yellow text:

- "1 / 9" is highlighted in yellow.

Annotations with orange text:

- "Ground Truth" is highlighted in orange.

Annotations with purple text:

- "1-1 Attorneys" through "1-10 Alexander Vance J Jr Sterick BI-JA 5-0221" are listed in the bottom search results.

# Applications for HWR

- Journals, handwritten recipe books, letters, etc.

Transkribus v1.9.1 (25\_11\_2019\_0924), Loaded doc: mission\_images, ID: 276433, Page 1, file: IMG\_1484.jpg [Image]

Server Overview Layout Metadata Tools

**Layout Analysis**  
Method: CITab Advanced  
 Current page  Pages (3): 1-3  
 Find Text Regions  Find Lines in Text Regions  
Run Only use unsegmented pages

**Text Recognition**  
Method: HTR (CITab)  
 Models...  Train...  
Run...

**Compute Accuracy**  
Reference (Correct Text): 02.12.19 15:53:40 - joe\_price@byu.edu - In Progress - CITab HTR: English Writing M1 Use current  
Hypothesis (HTR Text): 02.12.19 16:02:40 - joe\_price@byu.edu - In Progress Use current  
Compare Text Versions  
Compare  
Compare Samples

**Other Tools**  
P2PaLA...  
Text2Image...  
 Current page  Pages (3): 1-3  
 Add Baselines to Polygons  
 Add Polygons to Baselines

Transkribus v1.9.1 (25\_11\_2019\_0924), Loaded doc: mission\_images, ID: 276433, Page 1, file: IMG\_1484.jpg [Image Meta Info: (Resolution:1.0, w:h: 837 \* 1116) [ current line: w:h: 673 \* 91 ]

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**Document Preview**  
An open notebook showing handwritten text. The text is transcribed below the image. A red oval highlights the 'Text Recognition' section of the left sidebar.

**Transcribed Text**

Date Mar 3, 1975  
Monday  
Time is just flying. Elders Stone and Merrill, the zone leaders, came down and traveled Elder Smith and I. It was a good and effective travel. This afternoon though was a highlight of my mission so far. We held a District Development meeting with the zone leaders Elders Carpenter and Bell and the Assistants to the President Elders Godfrey and Johnson. We sent the goal of nine baptisms for this month seven of those from Elder Smith and I. Mar 3, 1975

1-1 Mar 3, 1975  
1-2 Well this marks my seventh month in the field.  
1-3 Monday  
1-4 Time is just flying. Elders Stone and Merrill, the  
1-5 zone leaders came down and traveled Elder Smith and  
1-6 I. It was a good and effective travel. This afternoon  
1-7 though was a highlight of my mission so far. We  
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# Applications for OCR

- Printed paper documents  
(old newspapers, phone directories, etc.)

The screenshot displays three windows of the Transkribus application:

- Layout Analysis (Left Window):** Shows a preview of a document page with a red oval highlighting the "Text Recognition" section. The "Method" dropdown is set to "OCR (Abbyy FineReader)". Other sections include "Compute Accuracy" and "Other Tools".
- Metadata (Middle Window):** A file browser interface showing a list of documents. One document, "Memphis 1960", is selected. The list includes columns for ID, Title, Pages, Uploader, and Uploaded date.
- Ground Truth (Right Window):** A table titled "Attorneys" listing names and their corresponding codes. The table has columns for Name and Code. Some entries have a blue dashed border around them.

Attorneys	
Abramson Sorrell Sterick Bl-	JA 6-0697
Acklen T Robt Col Mutual Twrs Bl-	JA 6-1171
Adams Ben C Com Title Bl-	JA 5-5841
Adams James & Weldon	Col Mutual Twrs Bl- JA 7-5544
Adams W Harrison Col Mutual Twrs Bl-JA	JA 7-5544
Agee Grady W Col Mutual Twrs Bl-	JA 7-9326
Res 1239 Cherrydale Cove	GL 2-6765
Alexander Vance J Jr Sterick Bl-	JA 5-0221
Allan William L Exch Bl-	JA 5-6665
Res 2445 Madison Av	FA 4-1951
Allen James Seddon Com Title Bl-	JA 7-7361
Allen Newton P Com Title Bl-	JA 7-7361
Allen Richard H Com Title Bl-	JA 5-6665
Allen William L Exchange Bl-	FA 4-1951
Res 2445 Madison Av	JA 6-1913
Andrew Sam J Goodwyn Institute Bl-	JA 5-1711
Apperson Crump & Duzane Exch Bl-	JA 6-4249

# Why use Transkribus?

- Free
- Easy to use
- Fast
- Transcriptions become more accurate the more you use it

