RootsMagic 12 Software Bug Report

Technical Investigation: Multi-Tagged Media Failure & Orphaned MediaID = 0 Database Records

APPLICATION	ENVIRONMENT	REPORTER	SEVERITY
RootsMagic 12.1.0	**Windows 11 (64-bit)**	**kevync1985**	**High (DB Integrity / UI)**

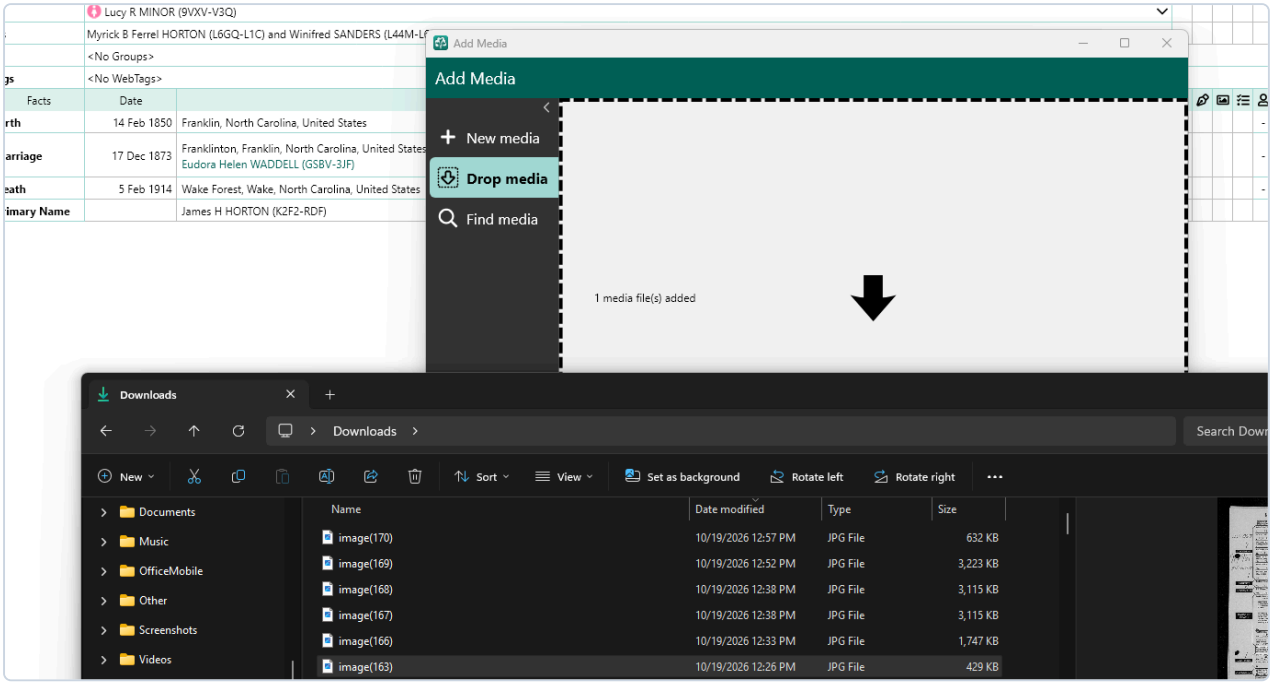
Executive Summary

In RootsMagic 12, attaching an existing media item to multiple people or facts via the Drag & Drop method systematically creates a blank "ghost" media entry in the edit UI. Database inspection confirms that while the `MultimediaTable` remains clean, the drag-and-drop handler generates an extra orphaned record with `MediaID = 0` in the `MediaLinkTable` for every secondary tag.

Step-by-Step Reproduction Procedure

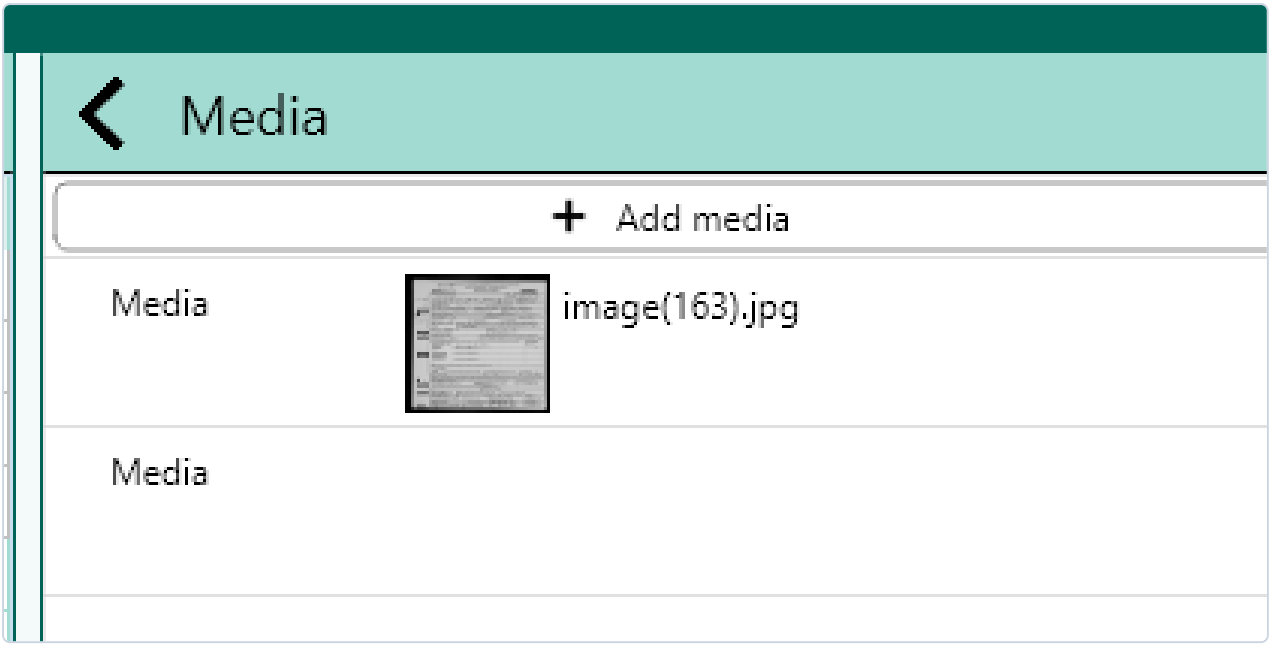
Step 1: Attach Media to Person #1

Select **Person #1** (e.g., Lucy R MINOR), open the Media edit panel for the Person or a Fact, select **Add Media > Drop Media**, and drag `image(163).jpg` from a local directory (e.g., `~\Downloads`). The file attaches cleanly with full thumbnail rendering.



Step 2: Attach Same Media to Person #2 & Observe "Ghost" UI Entry

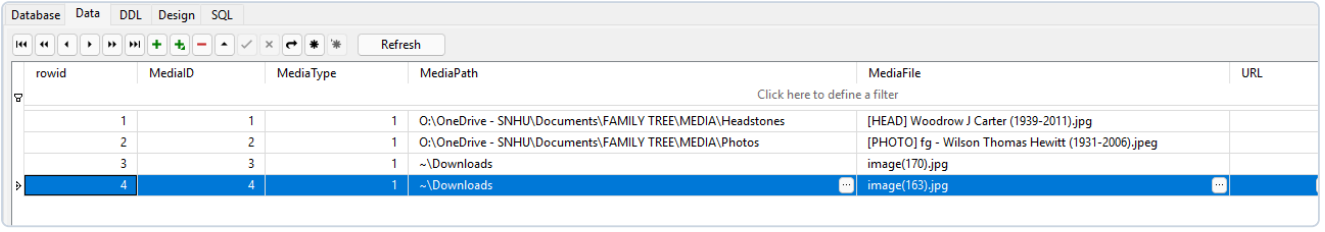
Navigate to **Person #2** (e.g., Spouse), open the Media panel, and drag-and-drop the same file (`image(163).jpg`). Immediately upon dropping, the UI renders two entries: one valid row and one blank **"Ghost" row** with no filename or metadata.



Database Inspection & SQL Technical Evidence

1. MultimediaTable (Clean — No File Duplication)

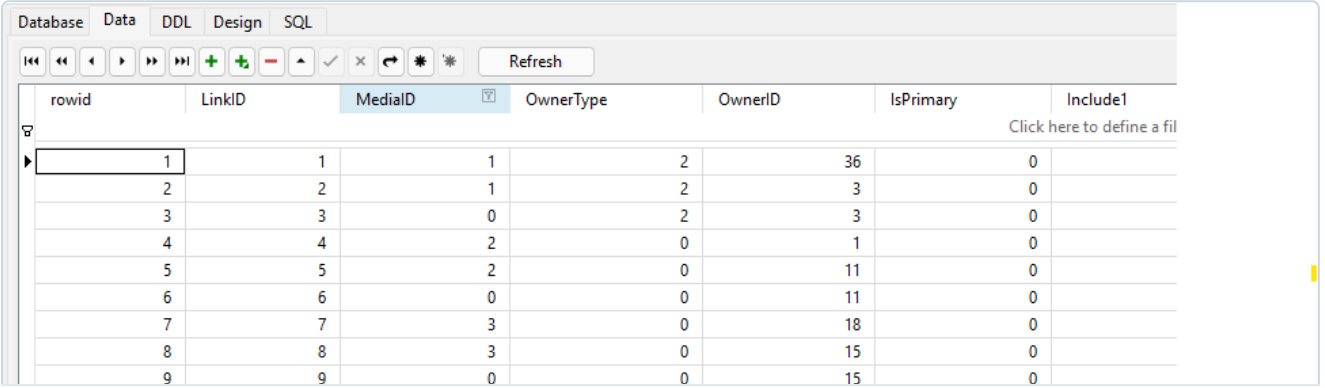
Inspection of `MultimediaTable` shows that `image(163).jpg` exists exactly once as `MediaID = 4`. The database is not duplicating media files.



rowid	MediaID	MediaType	MediaPath	MediaFile	URL
			Click here to define a filter		
1	1	1	O:\OneDrive - SNHU\Documents\FAMILY TREE\MEDIA\Headstones	[HEAD] Woodrow J Carter (1939-2011).jpg	
2	2	1	O:\OneDrive - SNHU\Documents\FAMILY TREE\MEDIA\Photos	[PHOTO] fg - Wilson Thomas Hewitt (1931-2006).jpeg	
3	3	1	~\Downloads	image(170).jpg	
4	4	1	~\Downloads	image(163).jpg	

2. MediaLinkTable (Root Cause — MediaID = 0 Injection)

Inspection of `MediaLinkTable` reveals that every multi-tag operation generates a valid link row alongside a corrupted row where **`MediaID = 0`** (e.g., LinkIDs 3, 6, 9, 12).



rowid	LinkID	MediaID	OwnerType	OwnerID	IsPrimary	Include1
				Click here to define a fil		
1	1	1	2	36	0	
2	2	1	2	3	0	
3	3	0	2	3	0	
4	4	2	0	1	0	
5	5	2	0	11	0	
6	6	0	0	11	0	
7	7	3	0	18	0	
8	8	3	0	15	0	
9	9	0	0	15	0	