

Subworkflow – Remove WRLC Retention

This subworkflow removes WRLC retention commitments from a specified item by clearing retention-related fields in Alma for a given barcode and institution.

At a glance

- **Status:** Inactive ([parent workflows](#) are Active)
 - **Applies consortium-wide?:** Yes (
 - **Runs on:** Alma Institution Zones via Network routing
 - **Trigger:** Executed by another workflow (subworkflow only; no independent trigger)
 - **Primary outcome:** Clears WRLC retention indicators from an item record in Alma.
 - **Who receives results:** No direct output; results are returned to the calling workflow.
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Why this exists

WRLC retention commitments are recorded at the item level in Alma. When a retention commitment needs to be removed (for example, as part of a broader retention management process), this subworkflow standardizes how those fields are cleared.

By isolating this logic into a reusable subworkflow, parent workflows can remove retention data consistently across institutions without duplicating code.

What it does

- Receives input from a [parent workflow](#).
 - Preserves the incoming barcode and institution code for error reporting.
 - Routes the API call to the correct Alma Institution Zone.
 - Retrieves the item by barcode.
 - Clears WRLC retention-related fields.
 - Writes the updated item back to Alma.
 - Returns the updated item data to the calling workflow.
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Where it runs

- **Alma IZ(s):**
 - Dynamically determined via `_institutionCode` passed from the parent workflow.
- **Systems touched:**

- Alma APIs (item retrieval and update)
 - Alma Network routing node
 - **Reports / queries used:** None
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How it works

Logic overview

1. Trigger (Subworkflow Execution)

- Starts via **“When Executed by Another Workflow.”**
- Requires input fields:
 - Barcode
 - Institution Code

If these fields are missing, the workflow will fail or route incorrectly.

2. Preserve Input

The **“Stash barcode”** code node:

- Copies:
 - Barcode
 - Institution Code
- Stores them internally as:
 - `_inputBarcode`
 - `_institutionCode`

This ensures error reporting in the parent workflow can reference the original input values.

3. Route to Correct Institution

The **Alma Network** node:

- Uses `_institutionCode` to dynamically select the appropriate Institution Zone.
- Does not target all network members.

△ If `_institutionCode` is incorrect or missing, the update may fail or affect the wrong IZ.

4. Retrieve Item

- Calls Alma API:
 - `GET /almaws/v1/items`
 - Uses the provided barcode.

- Always outputs data (even on error), allowing parent workflow error handling.
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5. Remove WRLC Retention Fields

The **“Remove WRLC Retention Code”** node modifies:

- `item_data.committed_to_retain`
 - Sets `value = false`
 - Sets `desc = "No"`
- `item_data.retention_reason`
 - Clears value and description
- `item_data.retention_note`
 - Clears value

⚠ Important behaviors:

- This workflow **does not validate** whether the item is currently marked as WRLC retention.
- It forcibly clears the fields.
- It assumes the Alma item structure includes:
 - `item_data.committed_to_retain`
 - `item_data.retention_reason`

If Alma’s API structure changes, this logic may break.

6. Update Item

- Calls Alma API:
 - `PUT /almaws/v1/bibs/{mms_id}/holdings/{holding_id}/items/{item_pid}`
 - Writes the modified item back to Alma.
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If results exist

- The item’s retention fields are cleared.
- The updated item JSON is returned to the parent workflow.
- No independent notification is sent.

If no results

- If the barcode is invalid or the item cannot be retrieved:
 - The workflow still outputs data (due to `continueRegularOutput` settings).
 - Error handling must be managed by the parent workflow.
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Artifacts produced

- Updated Alma item record.
 - No files, sets, reports, or email notifications.
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