

# Subworkflow – Add Long Lost Fine

Creates a standardized WRLC Long Lost replacement fine in the patron's home Alma Institution Zone and returns the new fine ID and amount to the calling workflow.

## At a glance

- **Status:** Active
  - **Environment / Tags:** Network Zone, Live, CLS Long Lost Items
  - **Applies consortium-wide?:** Yes
  - **Runs on:** WRLC Alma Institution Zones (the patron's home Institution Zone)
  - **Trigger:** Executed by another workflow
  - **Primary outcome:** Creates a WRLC Long Lost replacement fine on a patron's Alma account and returns the fine ID and amount.
  - **Who receives results:** The calling workflow (no emails or reports are generated).
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## Why this exists

This subworkflow centralizes the logic to create WRLC Replacement Fines in different Institution Zones.

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## What it does

- **Required input:**
  - `home_primary_id` - Patron's primary identifier
  - `patron_home_institution_code` - Patron's home Alma institution code
  - `patron_home_institution` - Patron's home institution name
  - `owner_of_item` - Institution that owns the long lost item
  - `title` - Item title
  - `barcode` - Item barcode
  - `reformatted_loan_date` - Original loan date (MM-DD-YYYY)
  - `reformatted_due_date` - Original due date (MM-DD-YYYY)
- Connects to the patron's home Alma Institution Zone using the supplied institution code.
- Creates a **\$110** active WRLC Long Lost replacement fine on the patron's account using the Alma Create Fine/Fee API.
- Includes a standardized fine comment indicating:
  - the item is no longer eligible for return,
  - which institution paid the replacement cost,
  - which institution the patron now owes,

- the item title, loan date, due date, and barcode.
  - Retrieves the Alma-generated fine ID and amount after the fine is created.
  - **Returns:**
    - `fine_id` - Alma identifier for the newly created fine
    - `fine_amount` - Amount of the fine that was created
    - All original input fields
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## Where it runs

- **Alma IZ(s):** Any WRLC Institution Zone identified by the incoming `patron_home_institution_code`
  - **Systems touched:**
    - LibOW Alma Network node
    - Alma Users API (Create Fine/Fee)
  - **Reports / queries used:** None
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## How it works

### Logic overview

- The workflow is invoked by another workflow and receives the required patron and item information.
- The Alma Network node connects to the appropriate Institution Zone based on the patron's home institution.
- A request body is constructed containing:
  - Fine type
  - Active status
  - \$110 replacement amount
  - A standardized comment containing the institution names, title, loan date, due date, and barcode
- The Alma Create Fine/Fee API creates the fine on the patron's account.
- The workflow extracts the Alma-generated fine ID and amount.
- Those values are added to the original input and returned to the parent workflow.

### If results exist

- The newly created `fine_id` and `fine_amount` are returned to the calling workflow, along with all original input fields.

### If no results

- If the Alma API does not successfully create a fine, the API node is configured to continue returning data so that the calling workflow can inspect and handle the response rather than terminating unexpectedly.

## Artifacts produced

None. The workflow creates a fine directly in Alma and returns data to the calling workflow.

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