

# LT Copy Book v3.0 - Documentation

## Overview

LT Copy Book is a userscript that allows LibraryThing users to copy book metadata from existing book detail pages and automatically populate it into manual entry forms. This version (v3.0) has been completely rewritten to work with LibraryThing's new LT2.0 interface and includes support for many more fields.

## Supported Fields

The script now extracts and populates the following fields:

### Basic Information

- **Title:** Book title
- **Author:** Primary author (automatically formatted as "Last, First")
- **Tags:** User-applied tags
- **Collections:** Automatically selects "Your library" or "Wishlist"

### Publication Information

- **Publication Date:** Year or full date of publication
- **Publication:** Publisher and publication details
- **ISBN:** International Standard Book Number
- **Media Type:** Hardcover, Paperback, Ebook, etc.

### Physical Information

- **Pages:** Page count
- **Dewey Decimal:** Dewey Decimal Classification
- **LC Classification:** Library of Congress Classification

### Language Information

- **Primary Language:** Main language of the book
- **Secondary Language:** Secondary language (if applicable)
- **Original Language:** Original language (for translations)

### Additional Features

- **Smart Media Type Mapping:** Converts text like "Paper Book" to appropriate dropdown values
- **Language Code Mapping:** Maps language names to standard codes (e.g., "English" → "eng")
- **Multiple Extraction Methods:** Uses various techniques to find data on different page layouts

## Installation

1. Install a userscript manager (recommended: Tampermonkey)
2. Copy the userscript code
3. Create a new script in your userscript manager
4. Paste the code and save

## Usage

1. **Navigate to any LibraryThing book detail page**
2. **Look for the green "Copy to Library" and "Copy to Wishlist" buttons**
3. **Click the appropriate button**
4. **The script will automatically open the manual entry page in a new tab**
5. **The form will be populated with all available data**

## Technical Improvements in v3.0

### Enhanced Data Extraction

- **Multiple Extraction Methods:** The script tries several different approaches to find data
- **Section-Based Parsing:** Looks for data in specific sections like "Basics", "Publication", etc.
- **Table Structure Recognition:** Handles various table layouts used on detail pages
- **Fallback Mechanisms:** If one method fails, it tries alternative approaches

### Smart Field Mapping

- **Media Type Intelligence:** Maps various media descriptions to correct form values
- **Language Processing:** Converts language names to standard codes
- **Author Name Formatting:** Automatically formats author names correctly

### Improved Form Population

- **Dropdown Handling:** Properly selects values in dropdown menus
- **Special Field Support:** Handles complex fields like pages, dimensions, etc.
- **Error Recovery:** Gracefully handles missing or changed form fields

## Media Type Mappings

The script automatically maps common media types:

- "Paper Book" → Paper Book option
- "Paperback" → Paperback option
- "Hardcover" → Hardcover option
- "Ebook" → Ebook option
- "Audiobook" → Audiobook option

## Language Mappings

Common language mappings include:

- "English" → "eng"
- "French" → "fre"
- "German" → "ger"
- "Spanish" → "spa"
- "Italian" → "ita"
- And many more...

## Debugging

### Console Logging

The script includes extensive console logging. To debug:

1. Open browser developer tools (F12)
2. Go to the Console tab
3. Click a copy button
4. Check for debug messages showing what data was extracted

### Common Issues and Solutions

1. **No data extracted:** Check console for error messages
2. **Dropdown not selected:** Verify the mapping functions are working
3. **Form fields empty:** Ensure field names match current LibraryThing structure

## Customization

## Adding New Fields

To add support for new fields:

### 1. Add to FIELD\_MAPPINGS:

```
javascript  
  
newField: {  
  key: 'ltcb_new_field',  
  formField: 'form_new_field'  
}
```

2. **Update extraction logic** in `extractBookData()` or `extractFromSection()`

3. **Add loading logic** in `loadDataIntoForm()`

## Modifying Extraction Logic

The script uses multiple extraction methods in priority order:

1. Current layout extraction
2. Title/author pattern matching
3. Section-based extraction
4. Table structure parsing

## Browser Compatibility

- **Chrome:** Full support with Tampermonkey
- **Firefox:** Full support with Tampermonkey/Greasemonkey
- **Safari:** Limited support with Tampermonkey
- **Edge:** Full support with Tampermonkey

## Future Enhancements

Planned improvements include:

- **Additional Author Support:** Better handling of multiple authors
- **Series Information:** Extract and populate series data
- **Physical Dimensions:** Height, width, thickness extraction
- **Review Copying:** Copy existing reviews when available
- **Batch Operations:** Copy multiple books at once

## Contributing

To contribute to this script:

1. Test on various LibraryThing book detail pages
2. Ensure new features work with different book types
3. Add appropriate error handling
4. Update documentation for new features
5. Test collection selection (library vs wishlist)

## Version History

- **v3.0:** Complete rewrite for LT2.0 compatibility with enhanced field support
- **v2.0:** Original version for LT1.0 (by brightcopy)
- **v1.0:** Initial release

## License

This userscript is provided as-is for personal use. Feel free to modify and distribute according to your needs.