Batch Metadata Modifier Toolbar

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Problems Tool Addresses

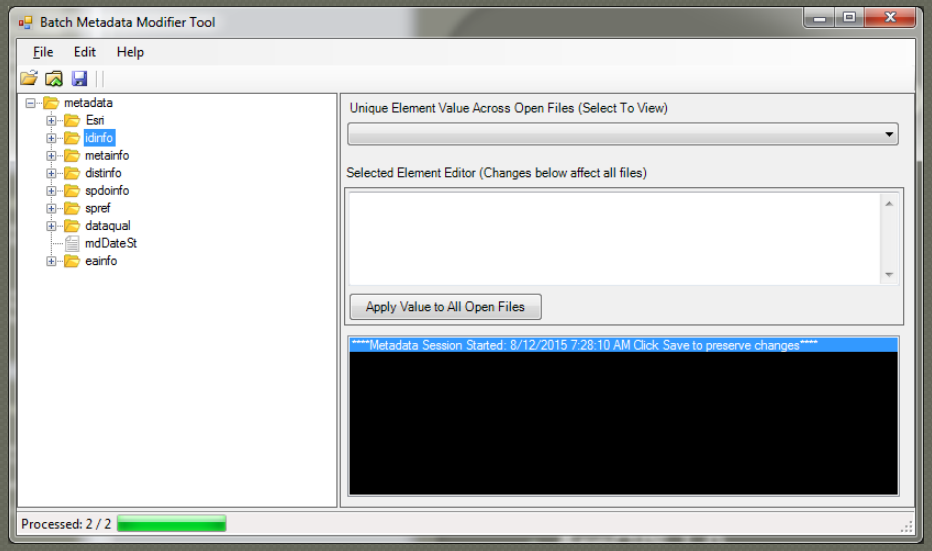
- Not very easy to make batch changes to many metadata records in ArcGIS for Desktop
  - XSLT
  - Python
  - GUI - would be nice to make quick changes
- Not very easy to batch create thumbnails for many metadata records in ArcGIS for Desktop

Toolbar Overview

- Batch Metadata Modifier Tool
  - Make batch changes content/structure (Search/Replace, Edit, Delete, Import)
  - Works in ArcGIS for Desktop 10.2/10.3
  - Works as a stand-alone executable
- Batch Metadata Thumbnail Creator Tool
  - Batch create thumbnail
  - Works in ArcGIS for Desktop 10.2/10.3

Toolbar Overview

- Current metadata schemas supported
  - ArcGIS 1.0
  - FGDC CSDGM
  - ISO 19115
- Designed for those familiar with XML metadata structures and schemas
- Designed for bulk editing vs. an editor like EME or ArcCatalog
- Have a bulk edit plan and test results!

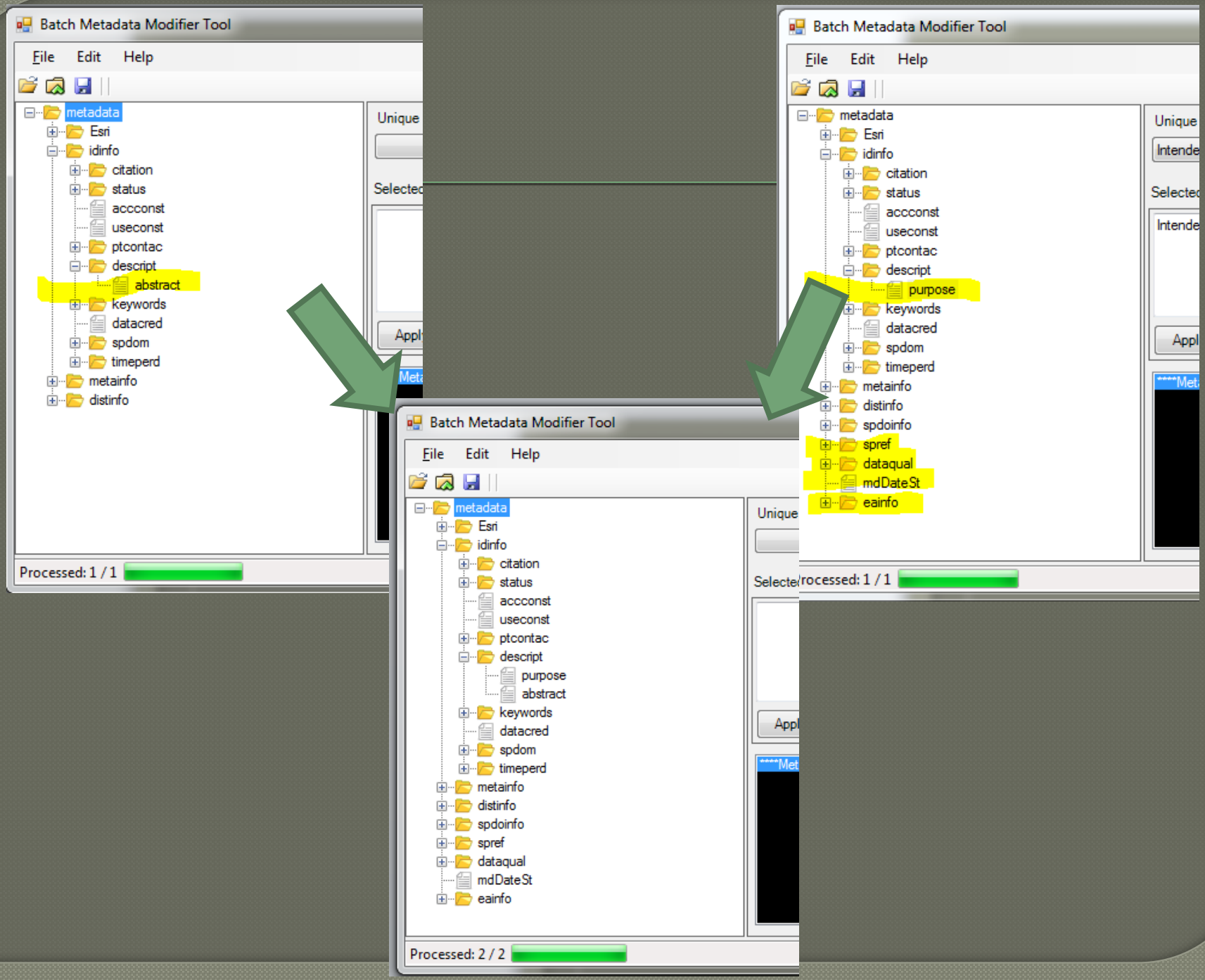


Get the Tool

- Download and install Add-In:
  - http://insideidaho.org/helpdocs/batch_metadata_modifier_tool.html

Demonstration

- Install
- Element Tree Construction
- Find-and-replace
  - Targets single elements
  - Search limited to child elements of tree selection
- Main Editor Window = Global changes
- Delete element = Global changes
- Import metadata from external file
- Batch thumbnail creation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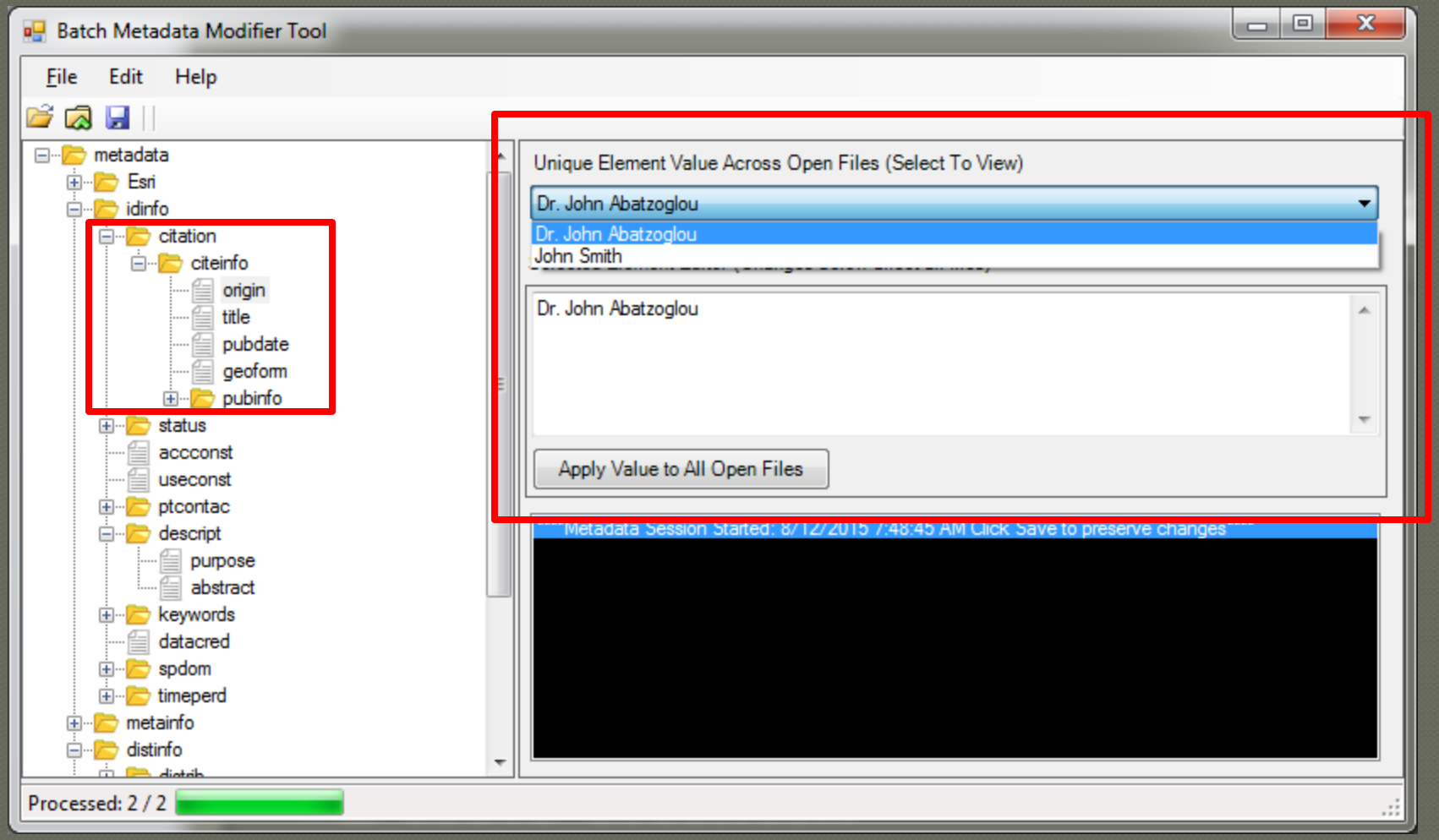
Search/Replace vs Editor Window



Additional Informaiton

- ArcUser [Winter 2015]
  - Updating Your Metadata Just Got a Little Easier
- Code4Lib [Issue 29, 2015-07-15]
  - The Geospatial Metadata Manager's Toolbox: Three Techniques for Maintaining Records

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