

# Basic AutoHotkey Automation

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## Delete Data

### Removes data in the CONTENTdm item level editor

```
^!d:: ; Ctrl + Alt + d (hotkey)
Loop ; begin loop
{
    Click 1870, 1000 ; click on metadata scroll bar (lower right)
    Sleep, 200 ; customize click coordinates for each machine with AutoIt Window Spy

    rightsStatement = This image is in the public domain and may be used freely. If publishing ...
    Clipboard = ; clear the clipboard

    Click 980, 715 ; click on use and reproduction field
    Sleep 200
    Send, ^c ; copy the data
    Clipwait ; wait for data on clipboard

    if (Clipboard == rightsStatement) ; if clipboard matches expected rights statement
    {
        Send, {Delete} ; delete use and reproduction
        Sleep 200
        Send, {Up 2} ; up arrow x 2 to repository field
        Sleep 100
        Send, {Delete} ; delete repository
        Sleep 100
        Send, {Up 4} ; up arrow x 4 to original collection field
        Sleep 100
        Send, {Delete} ; delete original collection
        Sleep 100
        Click 660, 1000 ; click on page scroll bar
        Sleep 100
        Click 490, 1025 ; click bottom of page navigation panel
        Sleep 200
        Send, {Down} ; down arrow to next page
        Sleep 200
    }
    else ; end loop if expected rights statement not found
        Break
}
```

## Copy Data

### Duplicates data from one field to another in the CONTENTdm spreadsheet

#NoEnv ; Recommended for performance and compatibility with future AutoHotkey releases.  
#Warn ; Enable warnings to assist with detecting common errors.  
SendMode Input ; Recommended for new scripts due to its superior speed and reliability.  
SetWorkingDir %A\_ScriptDir% ; Ensures a consistent starting directory.  
#SingleInstance, force ; Avoids dialog each time script is reloaded

```
pause::pause           ; Pause key pauses script at any time
^!m::                  ; Ctrl + Alt + m (hotkey)
Sleep, 100
Send, ^c                ; Ctrl + c (copy data)
Sleep, 100
Send, {Right 21}        ; Right arrow x 21 (move to transfer field)
Sleep, 500
Send, ^v                ; Ctrl + v (paste data)
Sleep, 500
Send, {Left 21}         ; Left arrow x 21 (move back to origin field)
```

## Type Repetitive Text

### Transforms <p>...</p> tags into <p style="text-align: center;"><strong>...</strong></p>

```
^!p::
Send, %A_Space%style="text-align: center;" ; add css styling to opening <p> tag
Send, {Right}<strong>                       ; add nested <strong> tag
Send, {End}{Left 4}</                      ; close </strong> tag with text editor's autocomplete
```

### Creates header row for CONTENTdm tab delimited upload file

```
::hdr::Title`Alternative Title`Creator (LCNAF)`Creator (HOT)`Creator (ULAN)`t ... (70+ fields)
; type "hdr" to activate
```

## Resources

<http://www.autohotkey.com> ; homepage Andrew Weidner  
<http://www.autohotkey.com/docs/> ; documentation [ajweidner@uh.edu](mailto:ajweidner@uh.edu)  
<http://www.autohotkey.com/board/> ; forum

Digital Curation Micro-Applications: <http://digital.library.unt.edu/ark:/67531/metadc159530/>

Workflow Automation with AutoHotkey: <http://digital.library.unt.edu/ark:/67531/metadc146569/>