Appendix A: Caitlin's Automated Instructions

To help save time, particularly for those with many modules to run a uicontrol script against, Caitlin wrote a script that allows writers to (mostly) automate it, and even run it on multiple modules at one time. It runs the check against existing reports without overwriting them—they just have to have the same name as the basename+module. The Darjeeling file checks the directory for the most recent XML file. It is okay to have multiple Darjeeling files in the directly; there would only be a problem if you're saving random XML files that are more recent than the Darjeeling file.

1. Open up Notepad, then copy and paste this code into it:

```
while($true) {

$CCDirectory = "W:\helpfiles\en\source\"
$basename = "WC_X-26_UIReport_"
$template = "log_template.xls"

$filter="*.xml"
$latest = Get-ChildItem -Filter $filter | Sort-Object LastAccessTime -Descending | Select-Object -First 1
$XML = $latest.name

$module = Read-Host 'Module Names'
$module = $module.Split()

foreach ($i in $module)
{
    $x = $basename + $i + ".xls"
    If (Test-Path $x) {
    Write-Host "Re-Checking $x"
    }
        Else {
        Write-Host "Checking $x"
        Copy-Item $template $x
    }
}

foreach ($i in $module)
{
    $command =   ".\uicontrol.pl " + (Join-Path $CCDirectory $i) + " $XML " + "$basename" + $i + ".xls"
    IEX $command
}
}
```

2. Change the following lines to match your environment:

   🖺 Do not remove the quotation marks.

   $CCDirectory = "W:\helpfiles\en\source\"—X-26 clearcase
   $basename= "WC_X-26_UIReport_"—Name format for the output files (you should only need to change this once per release).
   $template= "log_template.xls"—Your UI control log template name (you should only have to set this once)

3. Save the file to your C:\Perl directory. Set **Save as type** to **All Files**. Save it as a .ps1 file:
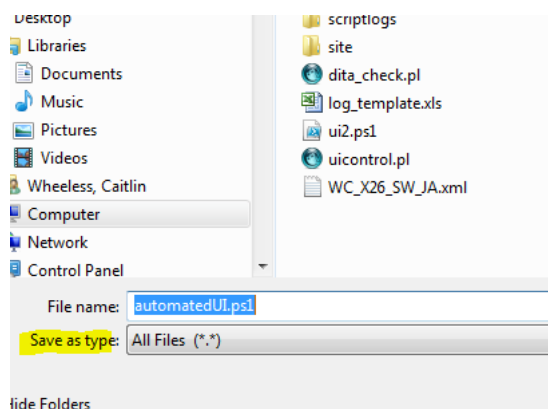
4. To run it, right-click and select **Run with PowerShell**:
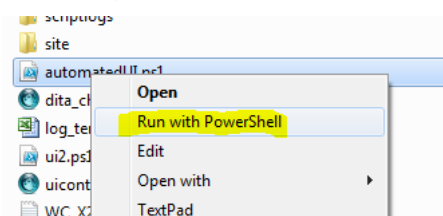
5. Enter the names of the modules you want to check. Separate multiple module names with a space:

```
C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe
Module Names: attachments calendar
```
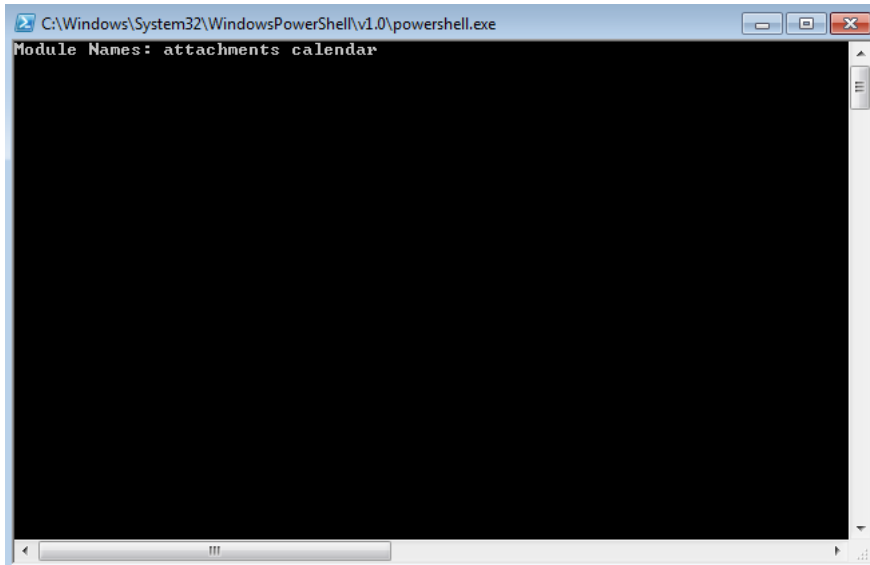
6. Press ENTER. When it's done, close the window or enter more module names.

```
C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe
Module Names: attachments calendar

W:\helpfiles\en\source\attachments/AttachmentAbout.dita...
W:\helpfiles\en\source\attachments/AttachmentDragDropAbout.dita...
W:\helpfiles\en\source\attachments/AttachmentEdit.dita...
W:\helpfiles\en\source\attachments/AttachmentFileDownload.dita...
W:\helpfiles\en\source\attachments/AttachmentLocalFileAttach.dita...
W:\helpfiles\en\source\attachments/AttachmentRemove.dita...
W:\helpfiles\en\source\attachments/AttachmentTableRef.dita...
W:\helpfiles\en\source\attachments/AttachmentURLOpen.dita...

Analyzing WC_X26_SW_JA.xml...done

Updating Excel tracking sheet: WC_X-26_UIReport_attachments.xls

WC_X-26_UIReport_attachments.xls updated
WC_X-26_UIReport_attachments_statistics.txt created
WC_X-26_UIReport_attachments_file_list.txt created

W:\helpfiles\en\source\calendar/CalAbout.dita...
W:\helpfiles\en\source\calendar/CalDelegWork.dita...
W:\helpfiles\en\source\calendar/CalDelegWorkSetProp.dita...
W:\helpfiles\en\source\calendar/CalFindUserOrg.dita...
W:\helpfiles\en\source\calendar/CalScheduleChange.dita...
W:\helpfiles\en\source\calendar/CalSettingManage.dita...

Analyzing WC_X26_SW_JA.xml...done

Updating Excel tracking sheet: WC_X-26_UIReport_calendar.xls

WC_X-26_UIReport_calendar.xls updated
WC_X-26_UIReport_calendar_statistics.txt created
WC_X-26_UIReport_calendar_file_list.txt created
Module Names:
```

automatedUI.ps1
dita_check.pl
log_template.xls
uicontrol.pl
WC_X26_SW_JA.xml
WC_X-26_UIReport_attachments.xls
WC_X-26_UIReport_attachments_file_list.txt
WC_X-26_UIReport_attachments_statistics.txt
WC_X-26_UIReport_calendar.xls
WC_X-26_UIReport_calendar_file_list.txt
WC_X-26_UIReport_calendar_statistics.txt