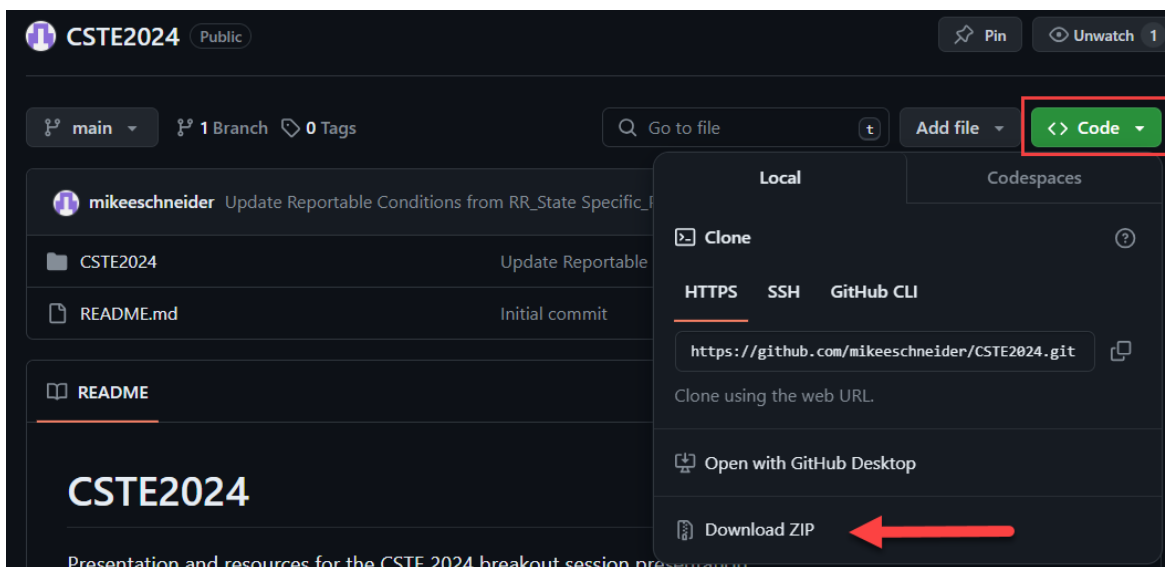


## Descriptions of GitHub Scripts

The GitHub folders are made to be downloaded together partly because the PowerShell scripts reference the folder structure, and the other part is to maintain segregation between the “Script Folders” and “Working Folders”. This helps to avoid accidental deletion of scripts when deleting used XML outputs, since these scripts are siblings and not children of where XML outputs are stored.

## How to Download the Folders from GitHub

Navigate to the parent folder, “CSTE2024”, find the green “Code” button. Use the arrow on the “Code” button to download a zip file of all the folders.



## Assumptions

1. eCR XMLs are contained in zipped folders.
2. eCR XMLs have the name “\*CR.xml” (eCR.xml, CDA\_eICR.xml, eICR.xml)

## How to use the scripts

1. Update the location of the working directory (\$WD item) of the downloaded, unzipped folder from GitHub and update the folders you would like to search for eCRs.

```
## Multiple Folders Grab
$folders = "Z:\eCR Storage Folder\2024-03-12",
           "Z:\eCR Storage Folder\2024-03-13"

# Working Directory. This is the location you saved the CSTE2024 Folder from GitHub.
$WD = "C:\Users\user\Downloads"
```

2. Insert the paths to the files that need to be searched for zipped folders (\$folders item)
3. Change the name of the CSV file (\$csv\_name)
4. Run the whole script. I use PowerShell ISE, a scripting environment, to run scripts.

## The Processes

“Reportable Conditions from RR\_State Specific” uses the process outlined below (and in Diagram 1).

1. Find eCR zip
2. Unzip the eCR into the \$expand\_folder
3. Find the RR XML in the \$expand\_folder
4. Get the RR XML document ID and assign to \$NameRR
5. Rename the RR XML to the RR document ID
6. Transform the RR XML and place the new file in the \$transform\_folder
7. Remove leftover XML and HTML documents from the \$expand\_folder
8. Parse the information out of the transformed RR XML using PowerShell
9. Write the information to the CSV file in the \$output\_folder ( Export-Csv (-join(\$output\_folder,"\"),\$csv\_name,\$csvExt)) -Append )
10. Removed the transformed RR XML from the \$transform\_folder
11. Record any errors in another CSV file in the \$output\_folder
12. Loop starts from beginning

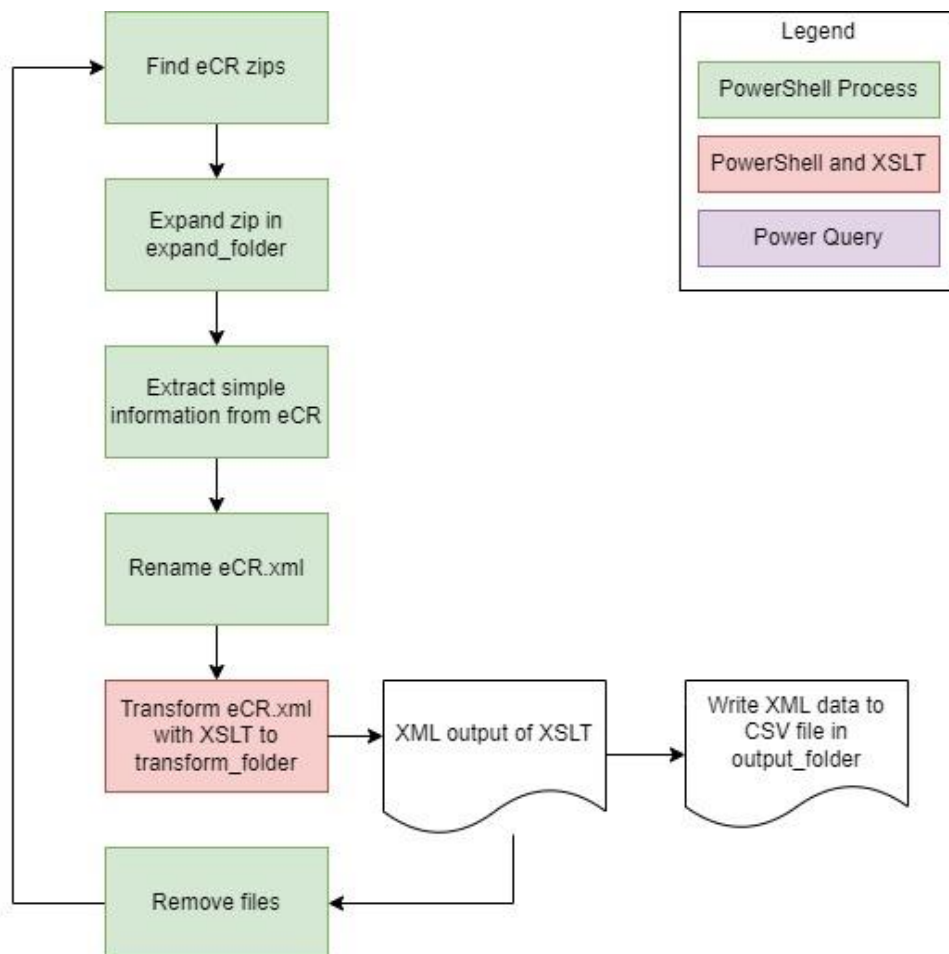
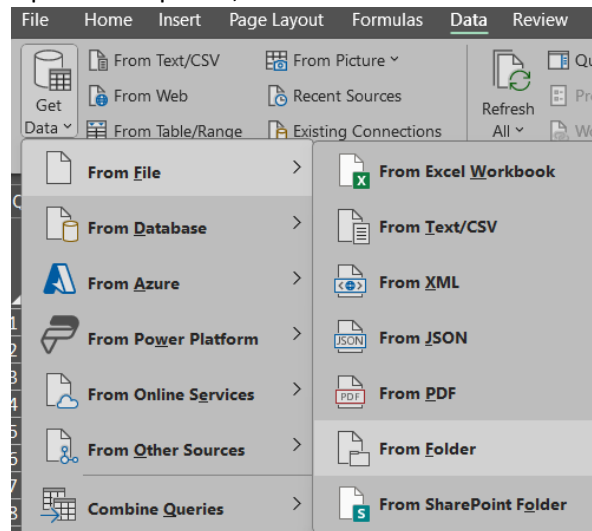


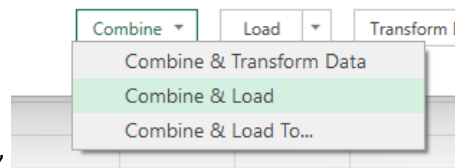
Diagram 1

“Pull valueSet valueSetVersion and Trigger Codes from eCR” follows the steps below (and in Diagram 2).

1. Find the eCR Zip
2. Unzip the compressed folder into \$expand\_folder
3. Find the eCR XML
4. Get the document ID extension and root attributes
5. Rename the eCR XML with document ID extension and root attributes
6. Transform the eCR XML and place the new file into the \$transform\_folder\_Valueset folder
7. Remove leftover XMLs and HTMLs from the \$example\_folder
8. Loop starts from beginning
9. After script is done, use power query to combine all XMLs from the folder  
\$transform\_folder\_Valueset using the directions below
  - a. Open MS Excel
  - b. Go to the Data tab
  - c. Select “Get Data”
  - d. Choose “From File”
  - e. From the provided options, select “From Folder”



- i. Select the folder transform\_folder\_Valueset
- f. Select the folder transform\_folder\_Valueset



- g. Select “Combine and Load”
- h. Choose the first sample record provided and click “OK”
- i. Data should now be combined into MS Excel

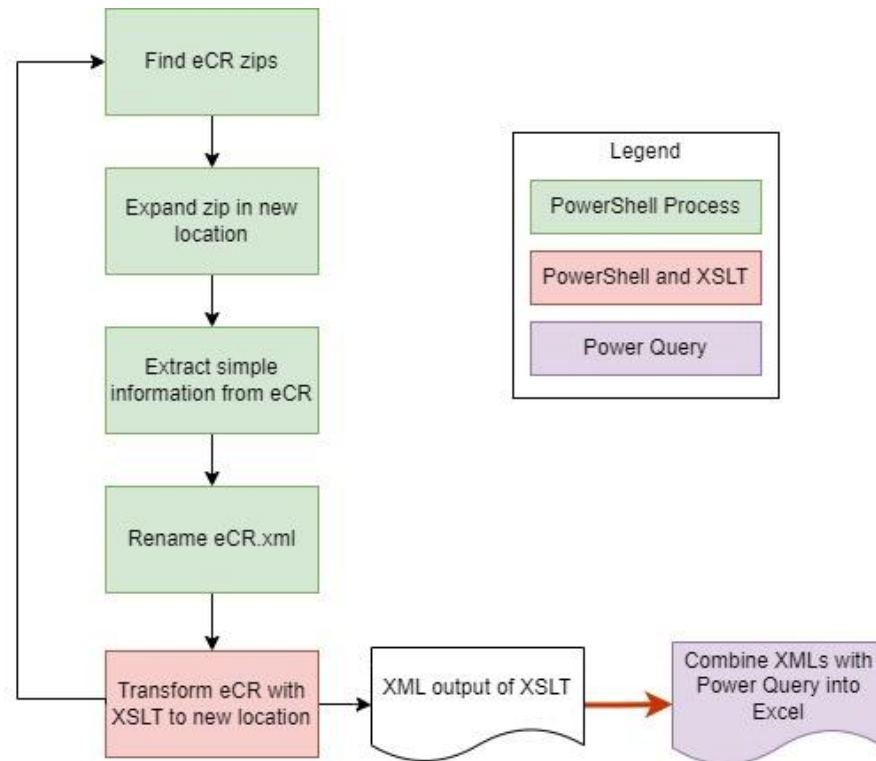


Diagram 2