

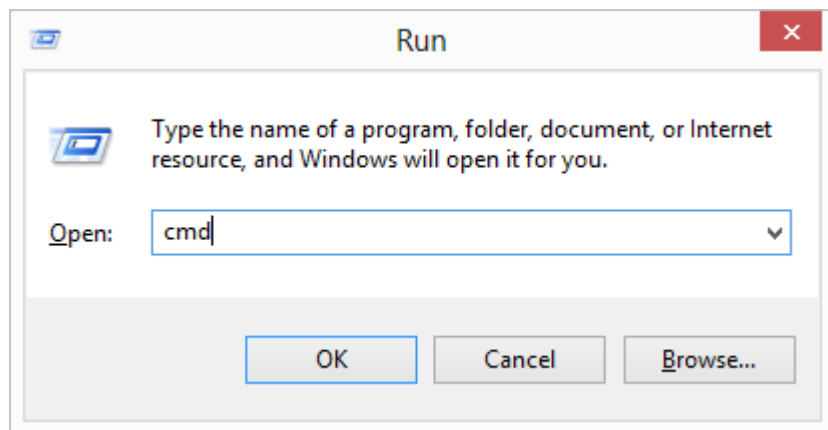
eCTD viewer 2013

This should work as a simple eCTD viewer. Given the path to the folder containing the eCTD sequences for a product, it should return an html document with a list of all documents that compose the current dossier, together with a list of all documents replaced or deleted during the lifecycle of the product.

Requires Python version 3 (for installation instructions, see <http://python.org>).

Windows instructions:

1. Open terminal (Windows-R, type "cmd"):



2. In the terminal, navigate to the folder containing the program (type: `cd path\to\folder`), for example:

```
C:\>cd Users\ThisUser\Downloads
```

3. In the folder containing the program, type "`python eCTD_viewer.py path\to\eCTD\folder`", for example, if all eCTD sequences for the product Propranolol tablets are on drive D, in the folder Dossiers\Propranolol\eCTD:

```
C:\Users\ThisUser\Downloads>python eCTD_viewer.py D:\Dossiers\Propranolol\eCTD
```

4. The list will be saved as an html file in the folder containing the eCTD sequences. In the example above: D:\Dossiers\Propranolol\eCTD\current-dossier.html. Open this file in browser to view the results.

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Update 2014-02-04

Minor modifications made to prevent leaf elements with no modified-file or xlink attributes causing errors and to exclude deleted elements from the count.

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Update 2015-07-15

Fixed error where files to be replaced were not removed in some instances.

Added functionality for generating a new baseline sequence. Use as above, adding the destination directory at the end of the command:

Windows:

```
C:\Users\ThisUser\Downloads>python eCTD_viewer_2015-07-14.py
```

```
D:\Dossiers\Propranolol\eCTD D:\Dossiers\Propranolol_new_baseline\0000
```

Linux:

```
yourname@yourcomputer:~/eCTD$ python3 eCTD_viewer_2015-07-14.py
```

```
/home/yourname/Dossiers/Propranolol/eCTD/
```

```
/home/yourname/Dossiers/Propranolol_new_baseline/0000
```

Warning: multiple valid files with the same name will overwrite each other in the new baseline dossier, e.g. if all sequences contain a common-cover.pdf document, only the one from the latest sequence will be included in the baseline.