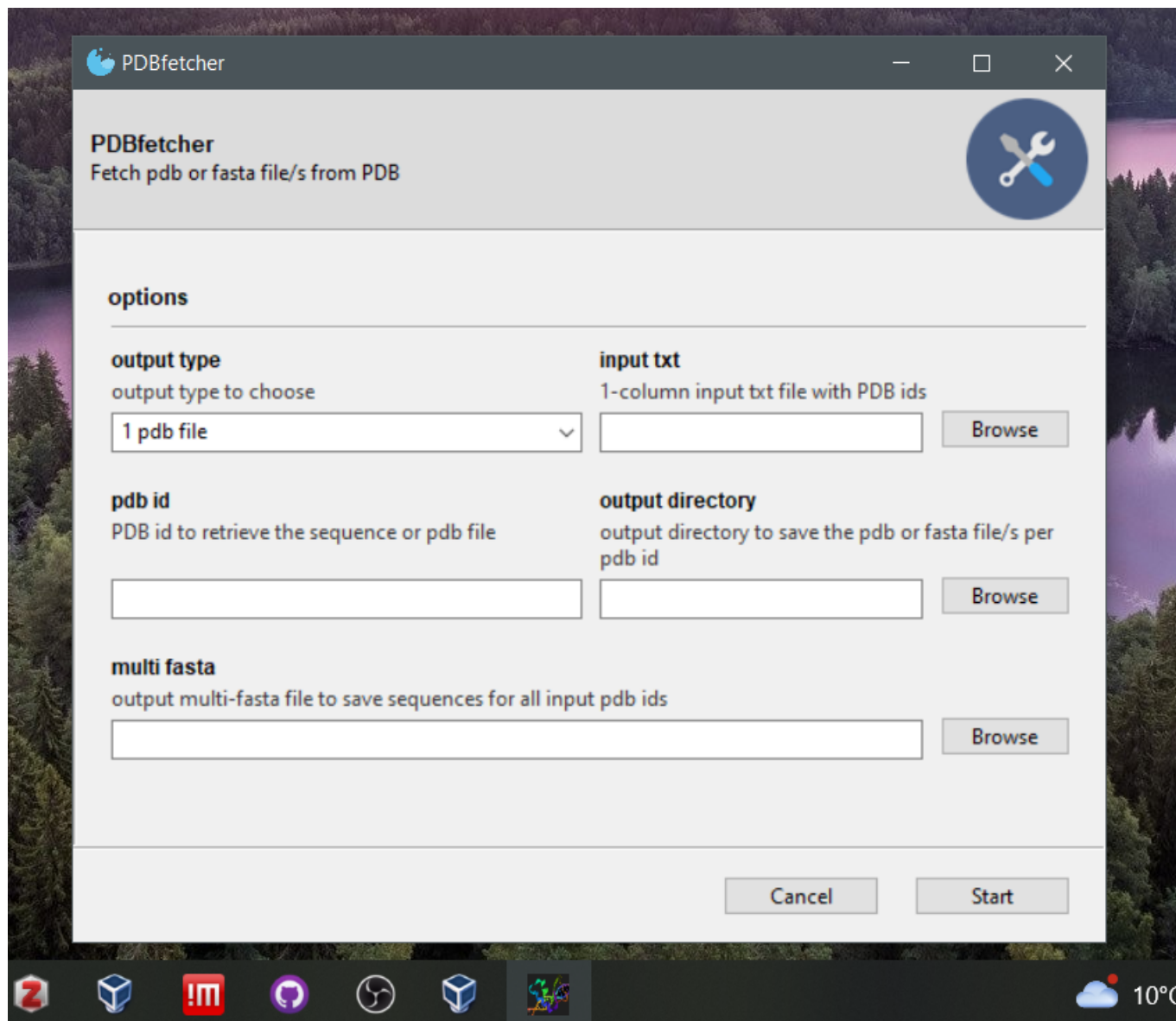


PDBfetcher

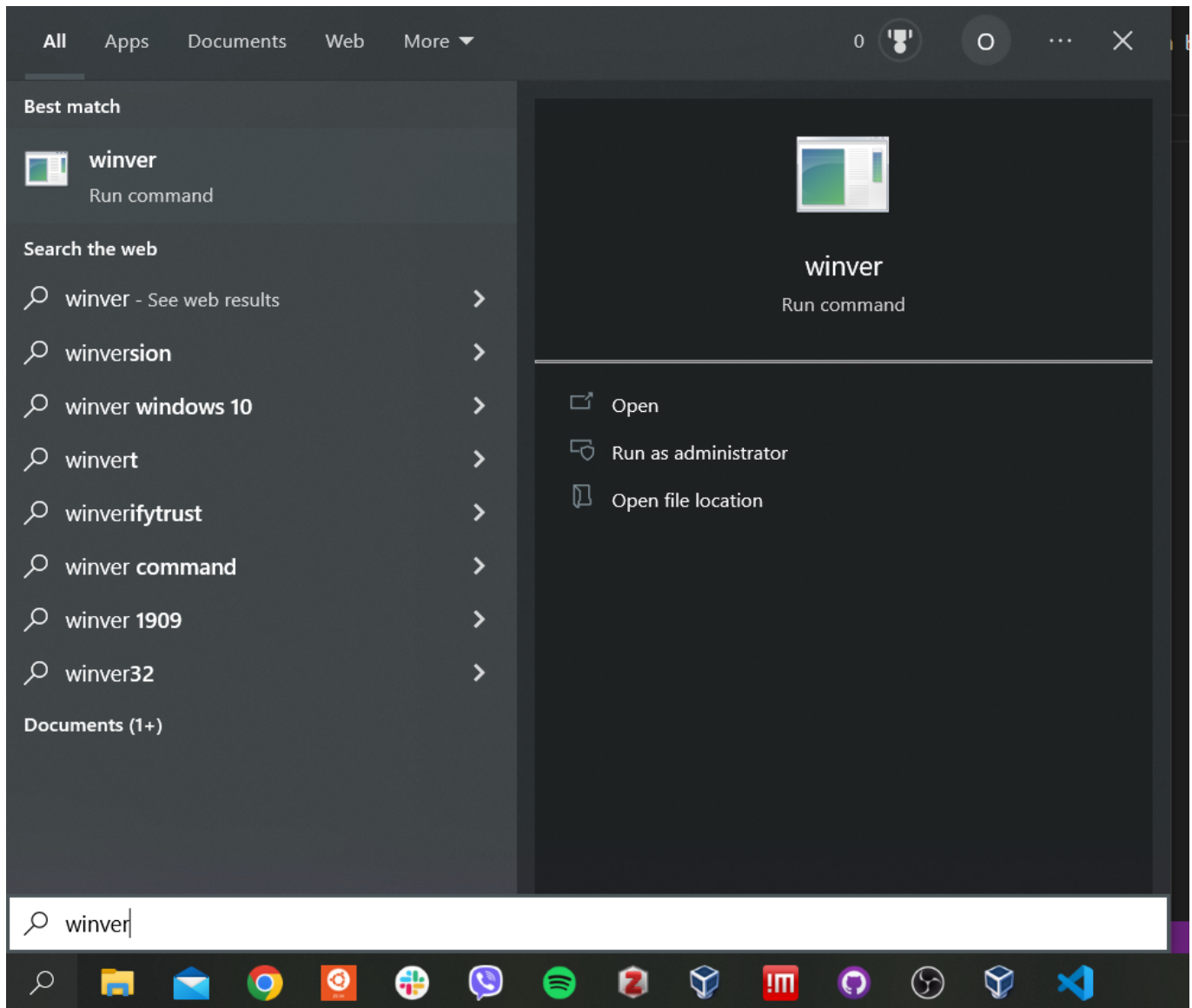
A cross platform GUI app for windows and linux to download pdb or fasta files from Protein Data Bank by using pdb identifiers



The GUI apps and input/output examples can be downloaded here: [DOI](#)

Windows Dependences

Windows 10 version 1803 or later To find the windows version of your machine go to the search bar and type:



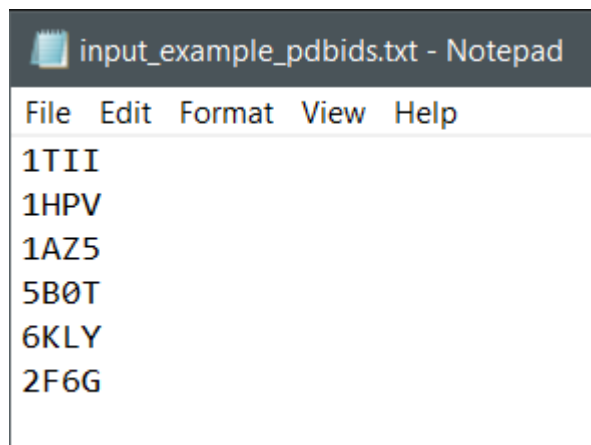
then click on the winver program to see which windows 10 version do you have

linux Dependences

Install the curl tool by opening the terminal and pasting the following:

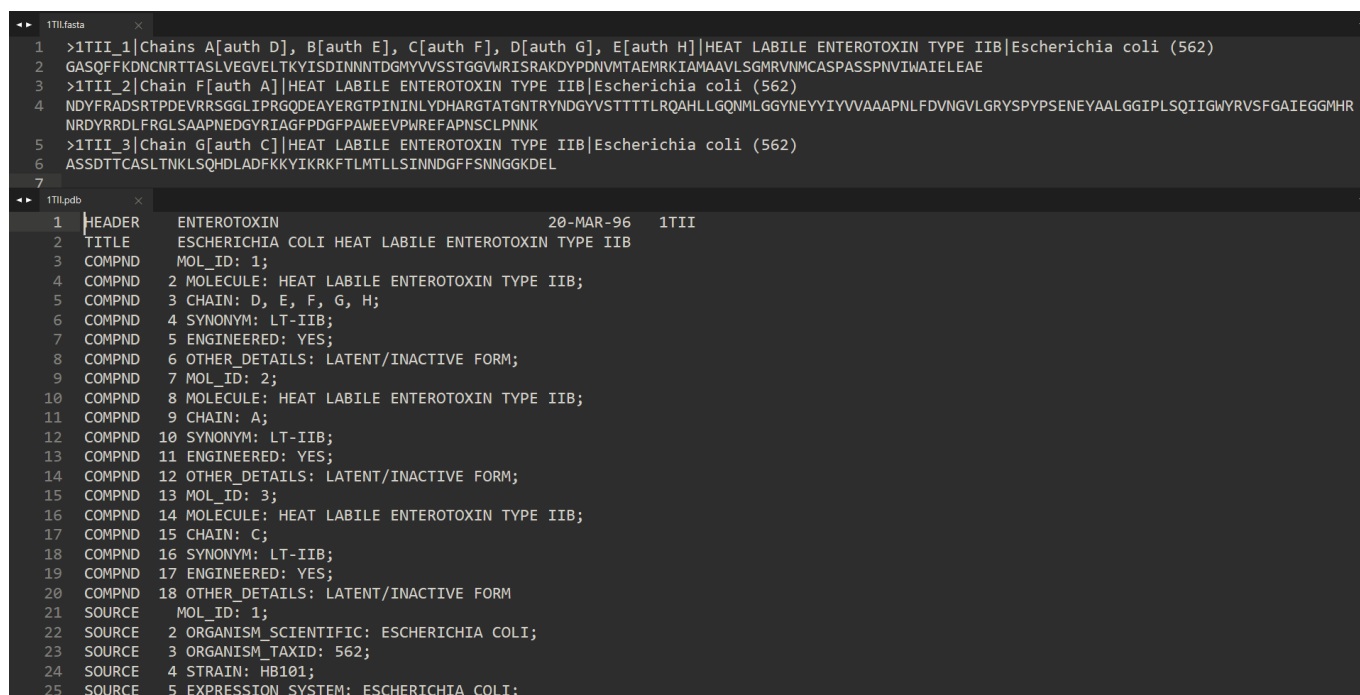
```
sudo apt update  
sudo apt install curl
```

the input can be only 1 pdb id or a list of pdb ids as seen here:

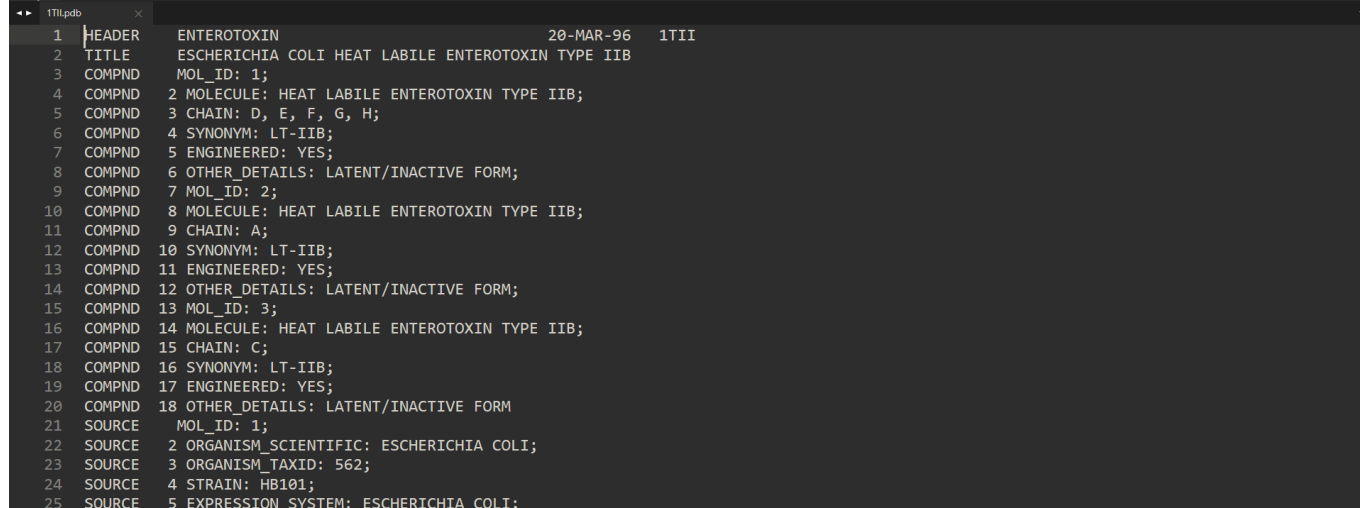


```
File Edit Format View Help
1TII
1HPV
1AZ5
5B0T
6KLY
2F6G
```

while the output data can look like this:



```
1 >1TII_1|Chains A[auth D], B[auth E], C[auth F], D[auth G], E[auth H]|HEAT LABILE ENTEROTOXIN TYPE IIB|Escherichia coli (562)
2 GASQFFKDNCRRTASLVEGVLTKEYISDINNNTDGMVVSSTGGVWRISRAKDYPDNVMTAEMRKIAMAAVLGMRVNMCA SPASSPNVIAIELEAE
3 >1TII_2|Chain F[auth A]|HEAT LABILE ENTEROTOXIN TYPE IIB|Escherichia coli (562)
4 NDYFRADSRTPDEVRRSGGLIPRGDEAYERGTPININLYDHARGTATGNTRYNDGYVSTTTTLRQAHLLGQNMLGGYNEYIYVVAAPNLFVDVNGVLGRYSPYPSENEYAALGGIPLSQIIGWYRVSFGAIEGGMHR
5 >1TII_3|Chain G[auth C]|HEAT LABILE ENTEROTOXIN TYPE IIB|Escherichia coli (562)
6 ASSDITCASLTNKLSQLADLADFKKYIKRKFTLMTLLSINNDGFFSNNGGKDEL
7
```

```
1 HEADER ENTEROTOXIN 20-MAR-96 1TII
2 TITLE ESCHERICHIA COLI HEAT LABILE ENTEROTOXIN TYPE IIB
3 COMPND MOL_ID: 1;
4 COMPND 2 MOLECULE: HEAT LABILE ENTEROTOXIN TYPE IIB;
5 COMPND 3 CHAIN: D, E, F, G, H;
6 COMPND 4 SYNONYM: LT-IIB;
7 COMPND 5 ENGINEERED: YES;
8 COMPND 6 OTHER_DETAILS: LATENT/INACTIVE FORM;
9 COMPND 7 MOL_ID: 2;
10 COMPND 8 MOLECULE: HEAT LABILE ENTEROTOXIN TYPE IIB;
11 COMPND 9 CHAIN: A;
12 COMPND 10 SYNONYM: LT-IIB;
13 COMPND 11 ENGINEERED: YES;
14 COMPND 12 OTHER_DETAILS: LATENT/INACTIVE FORM;
15 COMPND 13 MOL_ID: 3;
16 COMPND 14 MOLECULE: HEAT LABILE ENTEROTOXIN TYPE IIB;
17 COMPND 15 CHAIN: C;
18 COMPND 16 SYNONYM: LT-IIB;
19 COMPND 17 ENGINEERED: YES;
20 COMPND 18 OTHER_DETAILS: LATENT/INACTIVE FORM
21 SOURCE MOL_ID: 1;
22 SOURCE 2 ORGANISM_SCIENTIFIC: ESCHERICHIA COLI;
23 SOURCE 3 ORGANISM_TAXID: 562;
24 SOURCE 4 STRAIN: HB101;
25 SOURCE 5 EXPRESSION SYSTEM: ESCHERICHIA COLI;
```