

```
1 #!/bin/bash -l
2
3 # This script runs the arw2arl executable for each wrfoutput file in the directory and
4 # concatenates the result to a file which contains every output of the simulation,
5 # ready to be used with Hysplit
6
7 # Remove any .BIN and .CFG left over from previous runs with other domains
8 rm -f *.CFG
9 rm -f WRFRAIN.BIN
10 rm -f ARLDATA.BIN
11
12 echo "Input domain number (one-digit): "
13 read domain_num
14
15 # Determine the name of the output file, erase any other file with the same name in
16 # the directory and create empty file
17 filename="arl_domain0${domain_num}.BIN"
18 rm -f $filename
19 touch $filename
20
21 # For every wrfoutput run arw2arl and concatenate result to filename
22 for i in wrfout_d0${domain_num}*;do
23     ./arw2arl $i
24     cat ARLDATA.BIN >> $filename
25 done
26
```