

```

1 %macro makeAEshell();
2 options validvarname=v7;
3 filename reffile '/home/dimplepatelch0/5457c/sdtmdata/DimpleCode/PRJ5457C_SDTM_Domain_Specs.xls';
4 proc import datafile=reffile
5     out=tempemptyAE(rename=(Controlled_Terms__CodeList_or_Fo=CodeList))
6     replace
7     dbms=xls;
8     sheet="AE";
9     namerow=8;
10    datarow=9;
11
12 proc sort data=tempemptyAE;
13 by Target_Order;
14 run;
15 /* %macro makeaeshell(); */
16 /* %mend makeaeshell(); */
17
18 data _null_;
19     set tempemptyAE nobs=nobs end=eof;
20     if _n_=1 then
21         call symputx("vars",compress(put(nobs,3.)));
22         call symputx("var"||compress(put(_n_,3.)),variable_name);
23         call symputx("length"||compress(put(_n_,3.)),length);
24         call symputx("label"||compress(put(_n_,3.)),variable_label);
25         if upcase(Type) in ("CHAR","DATETIME","DATE","TIME") then
26             call symputx("Type"||compress(put(_n_,3.)),"$");
27         else if upcase(Type) in ("NUM","INTEGER","FLOAT") then
28             call symputx("Type"||compress(put(_n_,3.)),"");
29         else put "ERR" "OR: not using a valid ODM type. " type=;
30 run;
31
32 data emptyAEshell;
33 %do i=1 %to &vars;
34 attrib &&var&i
35 label="&&label&i"
36 length=&&type&i.&&length&i...;
37 %if &&type&i=$ %then
38 retain &&var&i "";
39 %else retain &&var&i .;
40 ;
41 %end;
42 if 0;
43 run;
44
45 %mend;
46
47 options mprint mlogic mcompilenote=all;
48
49 %makeAEshell
50

```