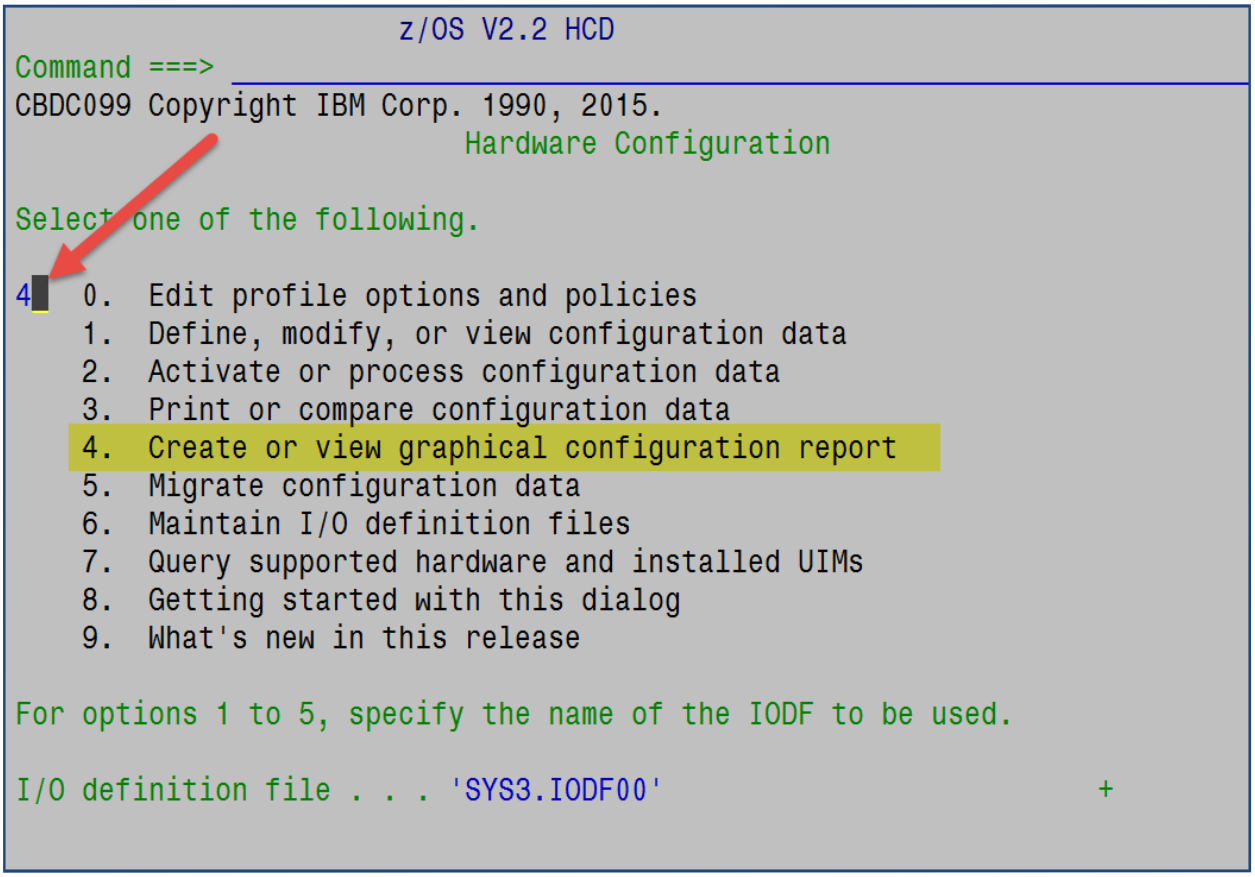
Generating HCD Charts in HTML Format

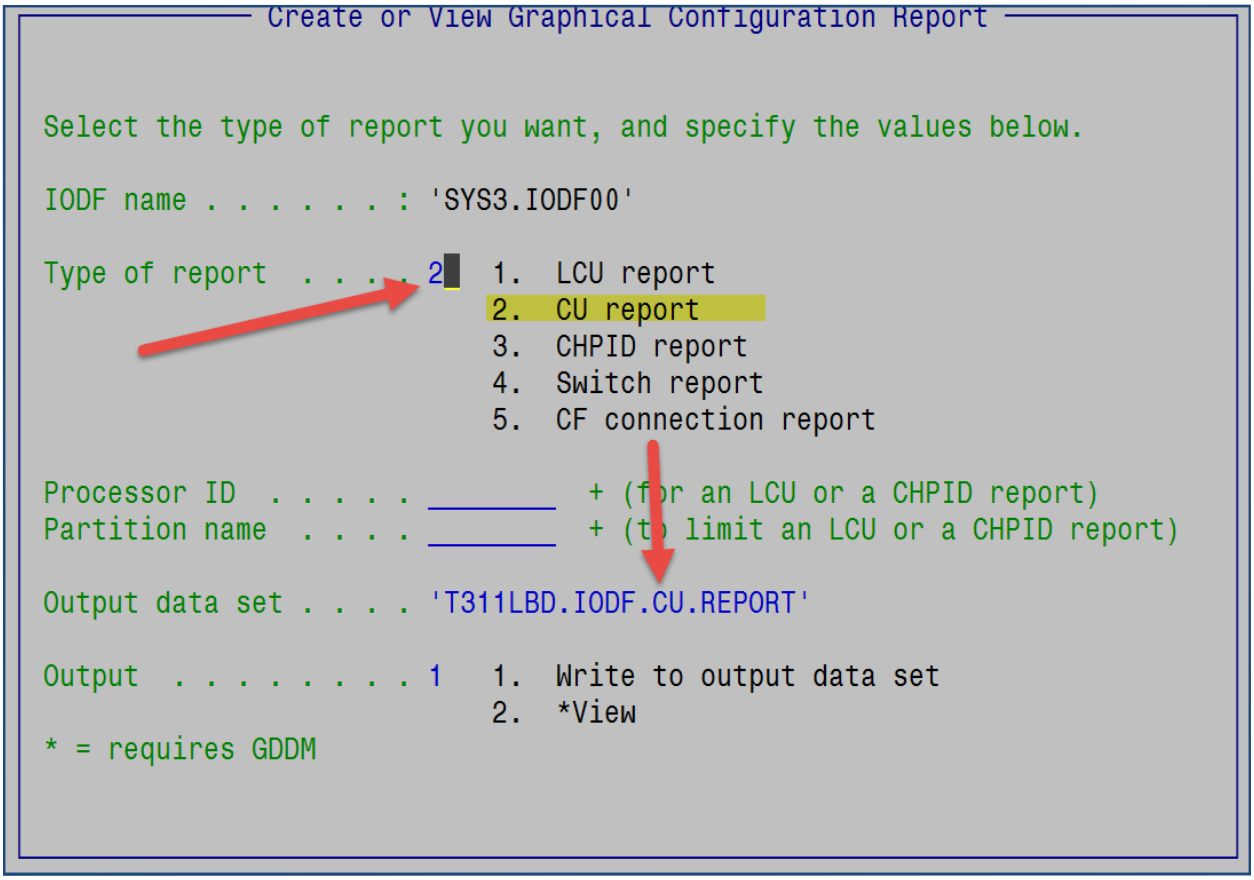
HCD can use either GDDM or DCF to generate a graphical report. Both of those IBM products are costly and there is an alternative. AT&T contributed to the user community in 2001 a tool called B2H, short for Bookmaster to HTML where Bookmaster was a superset of DCF tags.

This process will work for all of the HCD Graphical reports:

1st get into HCD and select option 4:

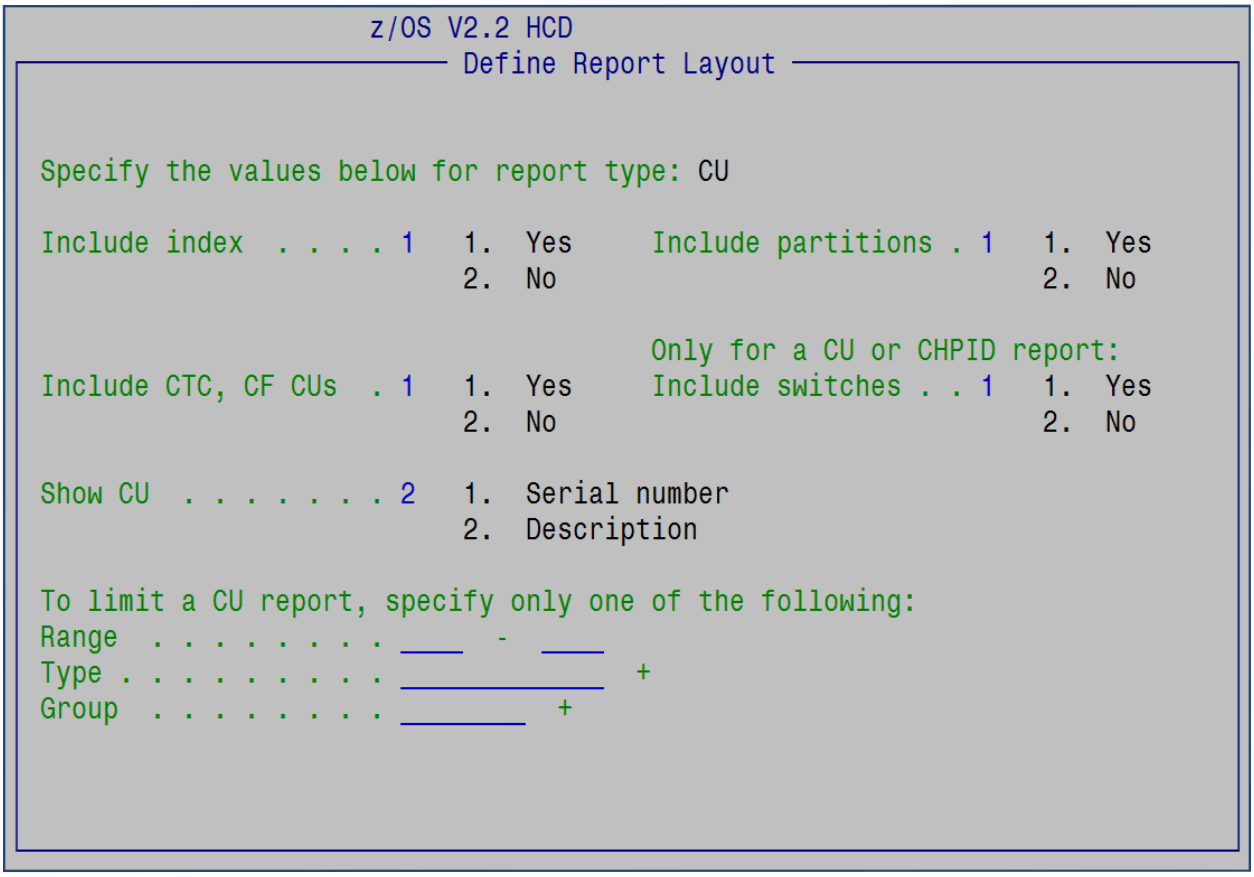


Then select one of the reports and enter an output dataset name:

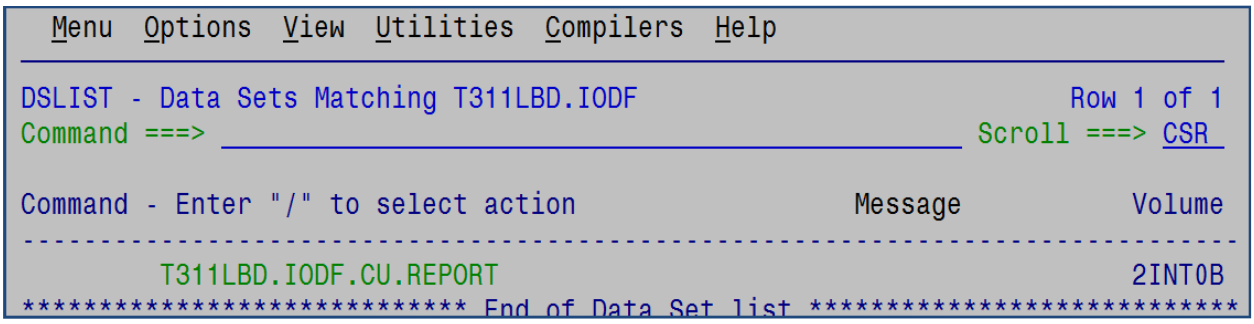


In this example option 2 is select to generate the CU report. The output data set contains the string CU to help identify it as the CU report. Note that B2H will change the last qualifier (e.g. .REPORT) to .HTML when it generates the HTML report so having the report type as the next to last qualifier provides a visual indicator.

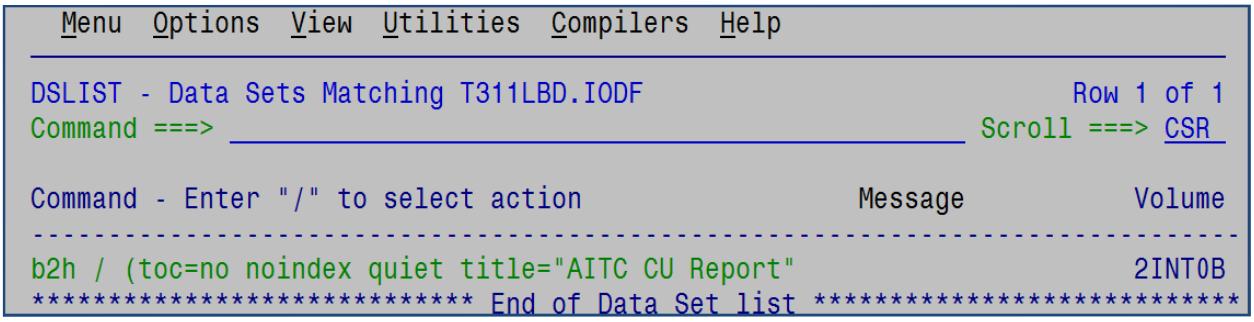
Next select the options for the report:



And the report will be created. Here is a ISPF 3.4 (DSLIST) of the generated report:



Next on the row enter the b2h command thus:



The options are:

b2h is the command to invoke b2h

/ indicates to use the dataset name on the row

(indicates that options for b2h follow:

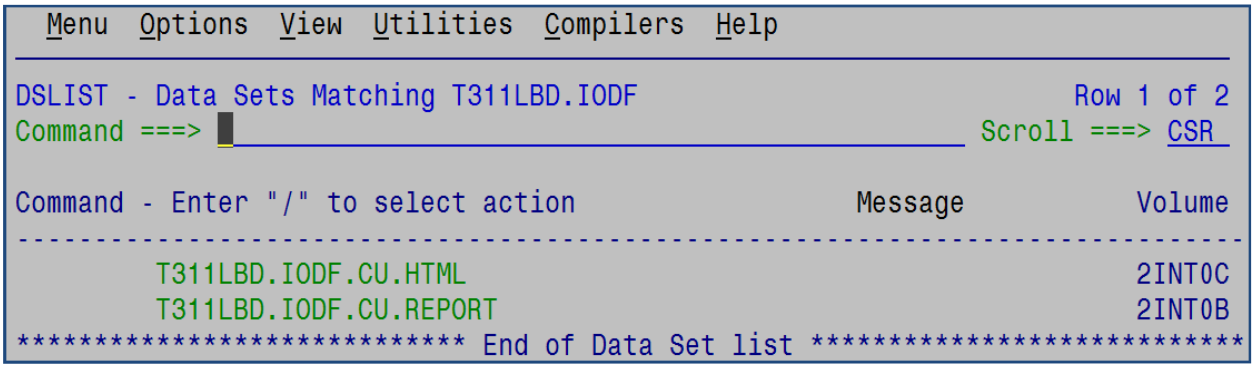
toc=no disable the creation of a table of contents as there is none for this file

noindex disables the creation of an index as there is nothing to index

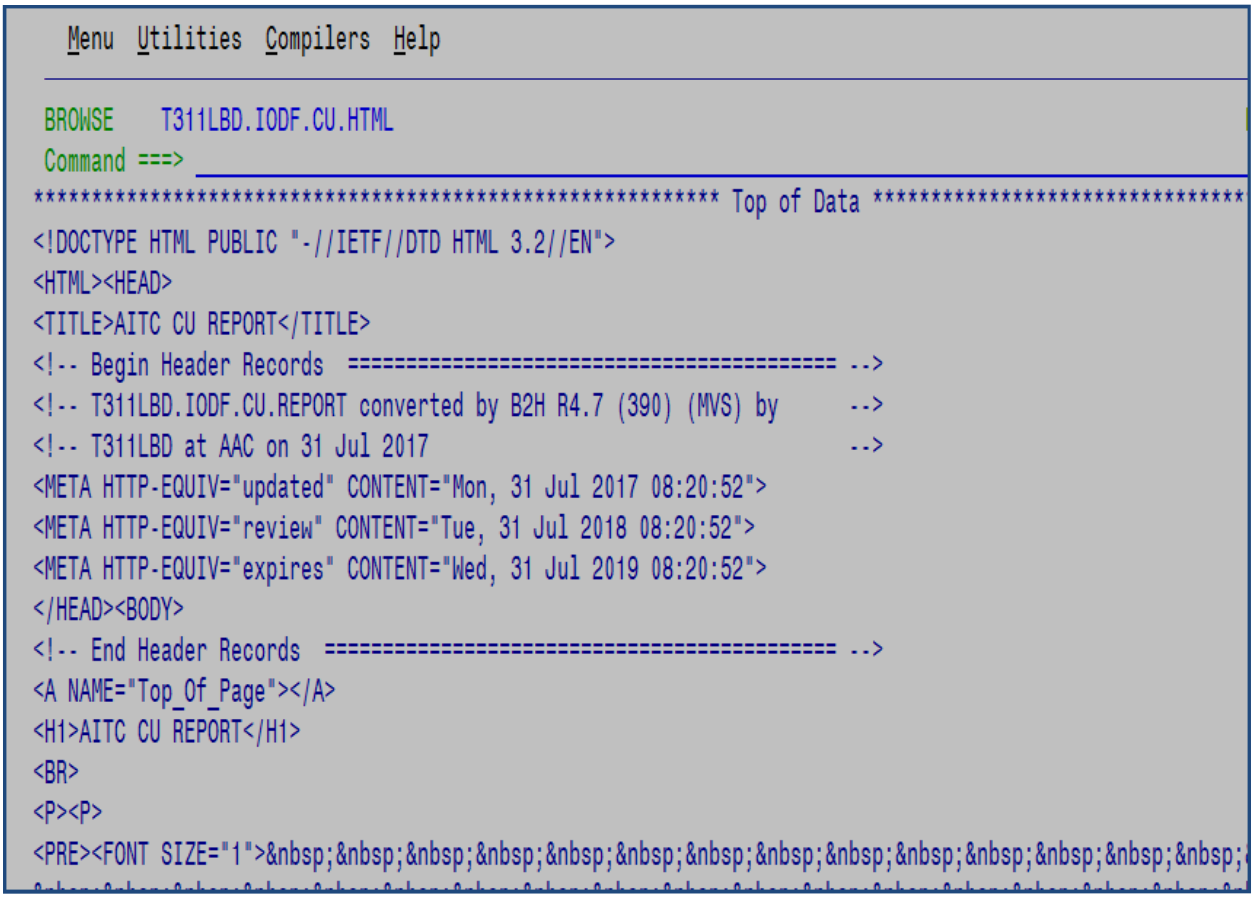
quiet turns off warning messages – most are meaningless because of DCF tag issues that b2h doesn't handle and which are not useful for our purposes

title defines the title that will be put into the HTML generated file

Typing REF (refresh) on the DSLIST command line will show the generated HTML file:

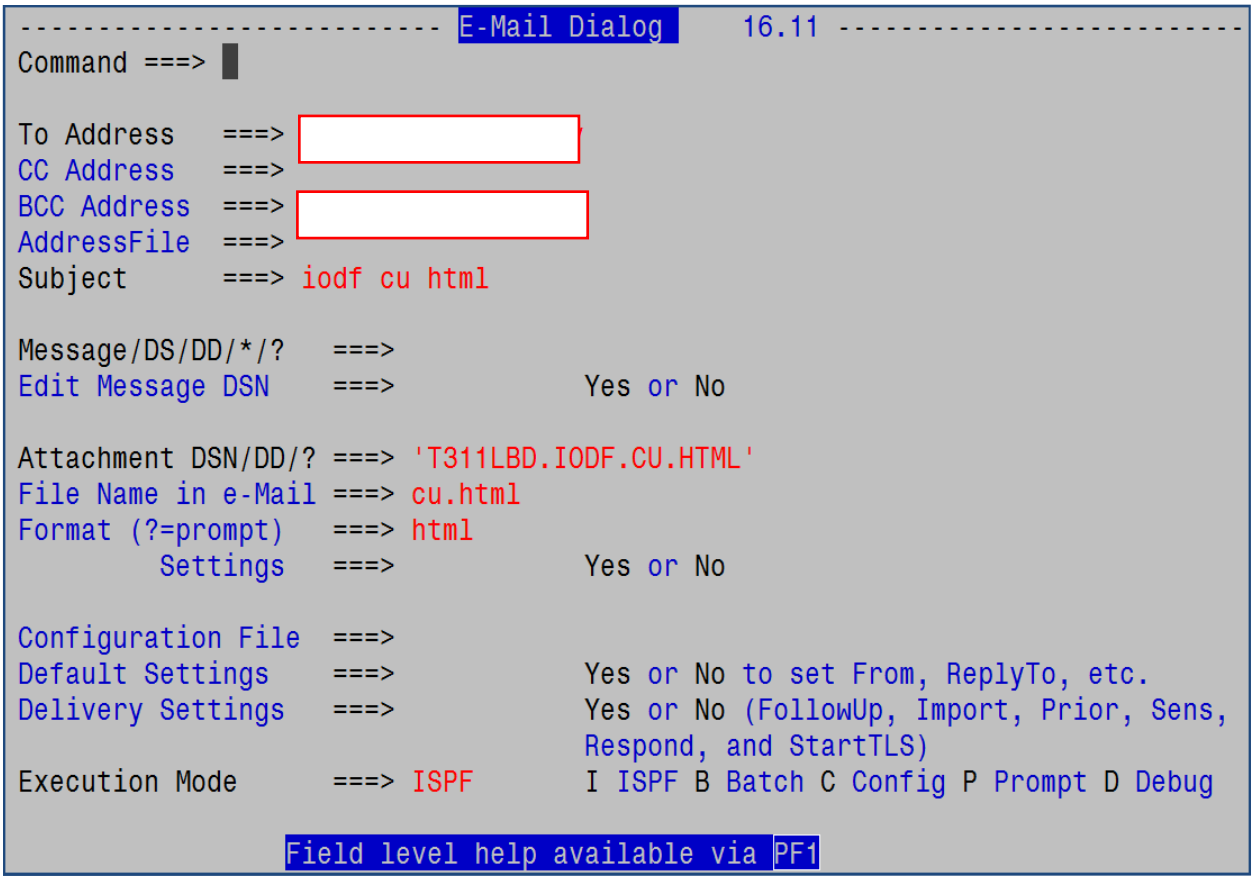


Browsing that HTML file will demonstrate that it is in HTML format:



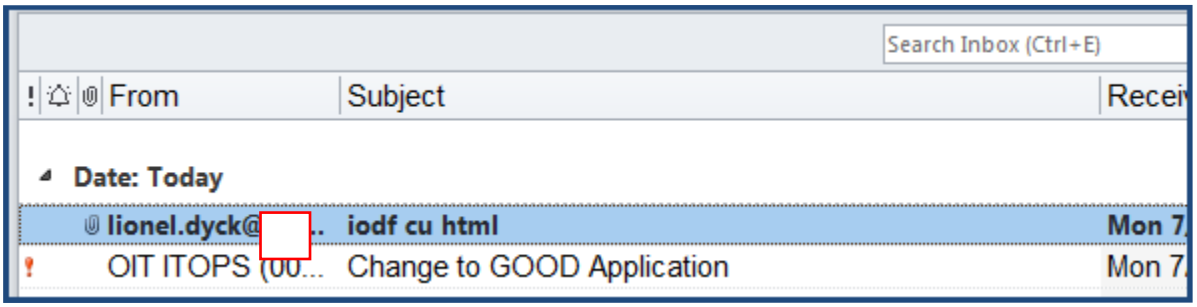
To send the HTML file to your PC you can use Attachmate file transfer or e-mail.

To e-mail enter SENDFILE in the command area on the DSLIST row with the HTML dataset.

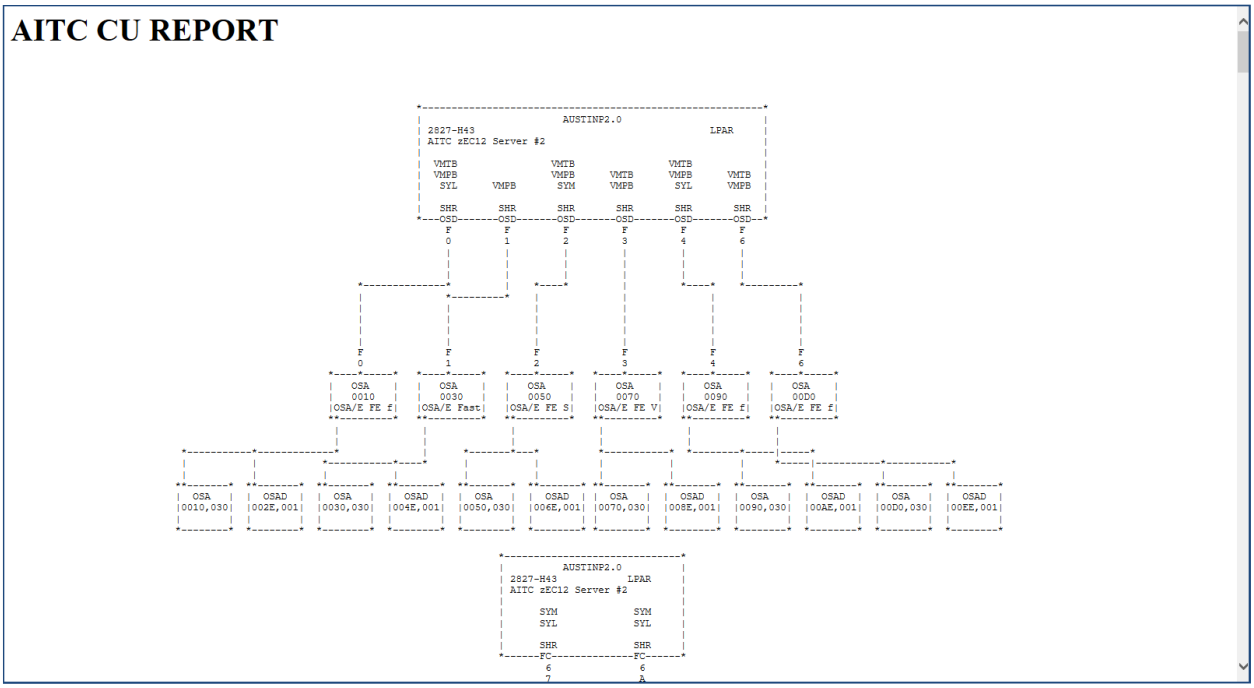


Fill in the To address (I always bcc myself on all mainframe e-mails but you do not need to). Fill in the Subject so you can identify the e-mail. The Attachment DSN will be pre-filled in. You should make the format HTML and the File Name can be filled in or left blank.

It will then arrive in your inbox:



And when you open it you will see the report:



Appendix

The elements of B2H are:

B2H The rexx program. Found in SYS1.AUS1.EXEC and SYS1.AUS2.EXEC

Datasets:

EXCUTL.B2H.HLP
EXCUTL.B2H.PRO
EXCUTL.B2H.SYM

Source for this package can be found at: http://www.vm.ibm.com/download/packages/descript.cgi?B2H

Several changes were made to the B2H REXX coding and to the .SYM file for this project.