

BE SURE TO DOCUMENT . . .  
THE RIGHT STUFF!

To document the “production” version of a software package that both you and the vendor modify, the Omit list (see Setup Menu) can be very handy. Any \*PGM, \*MENU or \*QRYDFN that is entered on the Omit list will not be documented.

Let’s look at this scenario:

- Library BASE contains all original versions of the vendors software package: PGM1, PGM2, PGM3, PGM4, PGM5
- Library MODS contains all the updates the vendor has made to the original programs: PGM2, PGM3, PGM5
- Library YOURMODS contains all the modifications you’ve made to the originals AND to the programs in the MODS library: PGM1 and PGM3

Your DOCLIBL (Documentation Library List) is in the sequence YOURMODS, MODS, then BASE. This will document each program in these libraries, including all the duplicates (e.g. PGM3 will be documented three times, once for each library). To prevent these multiple versions from being documented, you can exclude them by placing them on the Omit list as follows:

First, determine all the programs in the BASE library that also exist in the MODS library and enter them on the Omit list. Using this example, the Omit list would contain these programs: BASE/PGM2, BASE/PGM3, BASE/PGM5.

Next, identify the programs that are in the YOURMODS library that exist in the BASE and/or MODS libraries: BASE/PGM1, MODS/PGM3. \*Note, BASE/PGM3 isn’t listed because it was identified in the first step. The Omit list would now contain this list: BASE/PGM1, BASE/PGM2, BASE/PGM3, BASE/PGM5, MODS/PGM3.

This procedure will reduce the amount of disk space and processing time required to build or refresh the Object X-ref, as well as give you the security of knowing that your X-ref reflects documentation of the objects that your system is actually using.

Now you’re probably thinking you’ll have to key all these object and library names into the Omit list; not so. To avoid manual entry, create a procedure which outfiles the DSPOBJD (Display Object Description) command for each of the libraries BASE, MODS, and YOURMODS. Compare program objects in BASE and MODS to find the objects that need to be omitted from the BASE library. Do the same comparison with BASE and YOURMODS, then MODS and

YOURMODS to determine the duplicates there. The results can then be written directly to a file containing the Omit list, HAWKEYE/H\$DOMIT. The Omit list is a multi-member file, containing a member for each user name. If you would like to use the Standard Omit list, specify ##HAWKEYE for the member name.

An additional benefit of automating this procedure is that as changes in these libraries take place, you have an automated method of keeping the Omit list up-to-date.

Another method that could be used is an “application” build. For more information on this method, see the Advanced topics option on the Overview Menu, or contact Hawkeye Technical Services Monday-Thursday, 7 a.m. to 5 p.m. (MST) and Friday 7 a.m. to 3 p.m. at (970) 498-9000. Don't have time to call us? Send us an e-mail message at [info@hawkinfo.com](mailto:info@hawkinfo.com).