
Memorandum

To: Record
From: John M. Gipson
Date: 01/11/1999
Subject: arc_mod

This memo describes the use of a relatively new program arc_mod. By the name you can see that this is a cousin of mod_arc. The purpose of arc_mod is to take an arclist, compare it with /data1/solve_files/SUPCAT, and update the arc list.

The source for this currently resides in /users/jmg/update_eop.

arc_mod can be run either interactively, or from the command line. If you run it from the command line you specify all of the commands, with the last command being "GO".

The commands are case insensitive. You only need to enter enough characters to make the commands unique. Following is a list of characters.

Command	Argument	Description
Input	arcin	Use this as input arclist
Output	arcout	Use this as output arclist. Note that if arcin=arcout, then the input arclist will be over written.
Comments	Yes/No	Update comments using SUPCAT
Version	Yes/No	Update version # using latest version from SUPCAT
Append	Yes/No	If this is on, will append new databases at end of arcout. If it is not on, then arcout will contain only databases found in arcin.
Intensive	Yes/No	Include intensives in list of databases?
Database	All/New	If ALL, then will only process databases NOT found in arcin. If ALL, then will process all databases.
Start	yymmdd	Starting epoch. Only process experiments after this date.
End	yymmdd	Ending epoch. Only process experiments before this date.
Recent	yymmdd	Only process superfiles created after this date.
Abort		Abort. Stop the program.
Quit		Abort. Stop the program.
Go		Start processing
Status		Display current status
Help		Give summary of commands.

Some examples:

```
arc_mod inp arc1102a out arc.out data new append on start 980101 go
```

This 1.) Reads in arc1102a 2) Writes out arc.out; 3) Uses only new databases, i.e., in SUPCAT, but not in arc1102a; 4) Appends the data to the end of the file; 4) Only looks at experiments after 980101; 5) Starts processing.

```
arc_mod inp arc1102a out arc.out data all ver yes comment yes append on go
```

This 1.) Reads in arc1102a 2) Writes out arc.out; 3) Uses all databases (except intensives); 4) Updates comments using SUPCAT 5) Updates version #s, using the latest ones in SUPCAT; 6) First writes out the updated databases in arc1102a, and then appends with new databases. 7) Starts.