opentext™

ChangeMan ZMF

Merge and Reconcile Option Quick Reference

8.3

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M+R Option Quick Ref

This quick reference provides a summary of M+R Option commands.

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Viewing Primary Commands

Command	Argument	Description
VIEW, V	ALl, \	View all records
VIEW, V	BAse, @	View all base records
VIEW, V	COnflicts, $	View all conflicts
VIEW, V	REmaining, #	View consolidated version
VIEW, V	+	View your changes
VIEW, V	letter	View derivative by its one-letter ID
EXCLUDE, X	ALl, \	Exclude all records
EXCLUDE, X	BAse, @	Exclude all base records and view changes only
EXCLUDE, X	COnflicts, $	Exclude all conflicts and view single changes only
EXCLUDE, X	REmaining, #	Exclude consolidated version and view deleted and overridden records only
EXCLUDE, X	+	Exclude your changes
EXCLUDE, X	letter	Exclude derivative by its one-letter ID
RESET, R	ALl, \	Equivalent to "VIEW ALL"
RESET, R	BAse, @	Restore previously excluded base records
RESET, R	COnflicts, $	Equivalent to "VIEW CONFLICT"
RESET, R	REmaining, #	Equivalent to "VIEW REMAINING"
RESET, R	+	Restore previously excluded user changes

Command	Argument	Description
RESET, R	letter	Restore previously excluded derivative ID

> 💡 **Note**
>
> Commands can be typed fully or abbreviated as indicated.
>
> Arguments can be entered:
>
> • Fully
>
> • By a two-letter abbreviation, as indicated by CAPITAL letters
>
> • By a special single character (*, @, $, #, +)

0ther Primary Commands

Command	Argument	Description
BEGIN, B	nnnn	Reorient Display to start from the base record with nnnn sequence number
CANCEL, CAN		Cancel and do not save user- made changes in current reconciliation session
CHANGE, C	string_1 string_2	Change string_1 to string_2 in current context. RChange [PF6/ PF18] available for subsequent iterations
CHANGE, C	ALL string_1 string_2	Change string_1 to string_2 in all non-deleted records
CUT		Cut a block of records as determined by Copy or Move line commands
END		Normal termination of session that saves the user-made changes
EXPORT, EXP	copybook name	As a copybook, export a block of records as determined by Copy or Move line commands
FIND, F	string_1	Find string_1 in all records within current context. RFind [PF5/PF17] available for subsequent iterations
FIND, F	ALL string_1	Find string_1 in all non-deleted records
LOCATE, L	nnnn	Position to a base record with nnnn sequence number
LOCATE, L	(no argument)	Position to the next base record
PASTE, PAS		Insert a block of records as identified by previous CUT command depending on the destination command (After or Before) placed on a particular line

Command	Argument	Description
RESET, RES	(no argument)	Reset any command conflict
SAVE, SAV		Save user-made changes and continue reconciling

> 💡 **Note**
>
> - FIND and CHANGE commands can have the position N of string_1 as an additional argument.
> - Commands can be typed fully or abbreviated as indicated.

Line Commands

Command	Description
A	Destination for Move, Copy, Paste; lines are inserted *after* this line
B	Destination for Move, Copy, Paste; lines are inserted *before* this line
Cnn, CC	Copy one or more lines
Dnn, DD	Delete one or more lines
Fnn	Show the first excluded or deleted line(s)
Inn	Insert one or more lines
Lnn	Show the last excluded or deleted line(s)
Mnn, MM	Move one or more lines
S	Show a block of callable code moved around in versions (a COBOL paragraph, for example)
Rnn, RR	Repeat one or more lines
Unn, UU	Undelete one or more previously deleted lines
Xnn, XX	Exclude one or more lines

> 💡 **Note**
>
> - *nn* indicates a single or multiple digit line command argument.
> - Multiple line commands can be entered and executed simultaneously.

Sample

```
000035  003500  IF      OPEN-REQUEST     PERFORM DO-THE-OPEN
< A     003600 ELSE IF  READ-REQUEST     PERFORM DO-THE-READ
<> B    003600 ELSE IF  UPDATE-REQUEST   PERFORM DO-THE-UPDATE
> C     003610 ELSE IF  EXTRACT-REQUEST  PERFORM DO-THE-EXTRACT
---- - - - - - - - - - - - - - - - - - - 2 Lines DELETED
>>___D 006400         UPDATE-RTN.
>>___D 006500              PERFORM UPDATE-A.
>>___D 006600              PERFORM UPDATE-B.
>>___D 006700         UPDATE-RTN-EXIT. EXIT.
/*0039 003900         ELSE IF CLOSE-REQUEST PERFORM DO-THE-CLOSE
---- - - - - - - - - - - - - - - - - - - 1 Lines DELETED
>< + 004000         ELSE DISPLAY 'YOUR I/O REQUEST IS INVALID'
> + 004010                MOVE 12 TO RETURN-CODE
>> + 005100 DO-THE-READ.
<<0041 004100         READ ONLY-FILE NEXT, AT END MOVE 8 TO RETURN-CODE.
- - - - - - - - - - - - - - - - - - - - 22 Lines NOT Displayed
<<___D 006400         UPDATE-RTN.
<<___D 006500              PERFORM UPDATE-A.
<<___D 006600              PERFORM UPDATE-B.
<<___D 006700         UPDATE-RTN-EXIT. EXIT.
```

Legend of Symbols

Symbol	Denotes	Symbol	Denotes
<>	Replacement of the Base record	>>	Paste of record in new place
>	Insertion after the Base record	<<	Cut or removal of a record
<	Deletion of the Base record	/\	A commented-out record

The explanations for each line or block of lines follows:

Lines	Description
000035 003500	A common (unchanged) base record with a relative number (35) shown in command area.
< A 003600	The next (36) base record is missing (that is, deleted) in version A: \< indicates a deletion.
<> B 003600	In version B, a new line replaces the 36th base record: \<> indicates a *not equal* meaning.
> C 003610	Version C has an inserted line after the 36th base record: > indicates the insertion.
2 Lines DELETED	This line holds the place of two base records that the user deleted during the reconciliation, and therefore are excluded from view. These lines can be undeleted by using a First or Last line command, and then the Undelete line command.

Lines	Description
>> ___ D 006400 >> ___ D 006500 >> ___ D 006600 >> ___ D 006700	In version D, a COBOL paragraph has been moved relative to its place in the base versions; >> indicates a *pasted* action.
/*0039 003900	The 39th base record has also been deleted by the user, but here it is included in view through a First or Last command; /* means the line is commented out.
1 Lines DELETED >< + 004000	The user overtyped the 40th base record. >< symbol indicates both a not equal meaning and that the base record has been logically deleted (shown by "1 Lines DELETED".)
> + 004010	The user has inserted a codeline, as indicated by >.
>> + 005100	The user has pasted the 51st base record here, as indicated by >>.
<<0041 004100	The user cut the 41st base record; << indicates a cut or moved record.
22 Lines NOT Displayed	This line holds the place of 22 base lines excluded from view. These lines can be restored for viewing with appropriate View or Reset primary commands or with First or Last line commands.
>> ___ D 006400 >> ___ D 006500 >> ___ D 006600 >> ___ D 006700	A COBOL paragraph has been moved in version D; << indicates the move.

Reconciliation Analysis Example

```
DEGREE OF COMPLEXITY: 4 MEDIUM

RECORDS          CONFLICTS          SINGLE CHANGES
NICKNAMES        PREV CURR DIFF     PREV CURR DIFF
BASE     60            1   0%            3   0%
DRV1     63            5   0%            2   0%
DRV2     66            7   0%            1   0%
RECONCIL  0            0   0%            0   0%
TOTAL:               13   0%            6   0%
```

Conflicts

- These represent records in base that have been changed *differently* by *more than one* derivative.

- Conflicts typically need attention.

- In this example, there is 1 record in base that is changed by 5 records in DRV1 and 7 records in DRV2. This implies that records have been replaced, deleted, and/or inserted.

Single Changes

- These represent records in base that have been changed by *only one* derivative, or changed *in the same way* by *all* derivatives.

- Single changes may not need attention.

- In this example, there are 3 records in base that are changed by 2 records in DRV1 and 1 record in DRV2.

- Single changes (such as replacing or deleting base lines), unless edited, may override base records in the consolidated version, depending upon the setting of the profile option OverRide.

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