

Identification

Remove a condition handler
reversion
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Purpose

When a programmer wishes to remove the currently-active handler from the list of handlers for a condition in the current protection ring (rather than simply to replace the currently-active handler by pushing it down via a call to condition; cf. BY.12.04), he calls subroutine reversion with the condition name as argument. See BD.9.04 for a detailed description of the Multics condition-handling mechanism.

Restriction

The default handler for a condition will not be reverted.

Usage

The calling sequence is

```
call reversion (condname);
```

with declarations

```
dcl condname char(*);
```

where

condname is the name of the condition being reverted; it may be declared in the user's procedure as varying or non-varying and the "*" should, of course, be replaced by an appropriate number.

Implementation

Details of the implementation of reversion are to be found in BD.9.04. It should be noted, however, that reversion only operates in the protection ring from which it was invoked. That is, after a call to reversion the most recently established handler for the condition (the active handler for the condition in the context of the Multics-sense "process") is not necessarily the handler which is popped to the top of the list at hand, but may be one in other protection ring.