METHOD FOR RECOVERING FROM A MACHINE CHECK INTERRUPT DURING RUNTIME

Abstract

Managing a failed input/output adapter (222,224,226,228) within a data processing system involves an operating system handler (204) receiving an indication that one of a plurality of input/output adapters (222,224,226,228) has failed. The operating system handler (204) consults an error log (206) to determine which input/output adapter (222,224,226,228) has failed. Once the bad input/output adapter ((222,224,226,228) has been determined, the operating system handler (204) disables the bad inout/output adapter and deallocates any processes bound for the bad input/output adapter (222,224,226,228) without powering down the data processing system. The input/output adapter (222,224,226,228) may be replaced without powering down the data processing system.

Fig. 4