Macintosh: Unexpectedly Quit Error Codes

Article Created: 6 August 1992
Article Last Reviewed:
Article Last Updated:

TOPIC --

Can you give me an explanation of all the possible error codes after
"Unexpectedly Quit"?

DISCUSSION ---

These codes and descriptions are useful mainly to the programmers who developed
the applications that are crashing.

For example, error number 4 indicates that a program generated an instruction
that caused the processor to try to divide by zero. As you can see, this isn't
particularly useful to anyone but the programmer, who would need to debug
the code to discover where this was happening.

Many of the other errors are even more esoteric. A number of books, including
Inside Macintosh, contain detailed information on these errors. Here's a small
portion of the list of error codes the Macintosh can generate in certain
circumstances:

```
dsBusError = 1;                          {bus error }
dsAddressErr = 2;                        {address error}
dsIllInstErr = 3;                        {illegal instruction error}
dsZeroDivErr = 4;                        {zero divide error}
dsChkErr = 5;                            {check trap error}
dsOvflowErr = 6;                         {overflow trap error}
dsPrivErr = 7;                           {privilege violation error}
dsTraceErr = 8;                          {trace mode error}
dsLineAErr = 9;                          {line 1010 trap error}
dsLineFErr = 10;                         {line 1111 trap error}
dsMiscErr = 11;                          {miscellaneous hardware
                                          exception error}
dsCoreErr = 12;                          {unimplemented core routine
                                          error}
dsIrqErr = 13;                           {uninstalled interrupt error}
dsIOCoreErr = 14;                        {IO Core Error}
dsLoadErr = 15;                          {Segment Loader Error}
```

```
dsFPErr = 16;                          {Floating point error}
dsNoPackErr = 17;                      {package 0 not present}
dsNoPk1 = 18;                          {package 1 not present}
dsNoPk2 = 19;                          {package 2 not present}
dsNoPk3 = 20;                          {package 3 not present}
dsNoPk4 = 21;                          {package 4 not present}
dsNoPk5 = 22;                          {package 5 not present}
dsNoPk6 = 23;                          {package 6 not present}
dsNoPk7 = 24;                          {package 7 not present}
dsMemFullErr = 25;                     {out of memory!}
dsBadLaunch = 26;                      {can't launch file}
dsFSErr = 27;                          {file system map has been
                                         trashed}
dsStknHeap = 28;                       {stack has moved into
                                         application heap}
negZcbFreeErr = 33;                    {ZcbFree has gone negative}
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Keywords: <None>