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Subject: Fun with CDF\_ENCODE\_EPOCH

Posted by [Brian Jackel](#) on Tue, 03 Feb 1998 08:00:00 GMT

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I've found a bomb in CDF\_ENCODE\_EPOCH, and was wondering if any brave souls would like to try reproducing it on other platforms. I'm running on an SGI Indy, IDL version { mipseb IRIX unix 5.0.2 Aug 19 1997}.

If you follow along with the on-line documentation, it suggests the following sequence, where EPOCH=0 could also be 1,2 or 3 for different forms of output.

```
epoch_string = '04-Dec-1995 20:19:18.176'  
epoch = CDF_PARSE_EPOCH(epoch_string)  
encode0 = CDF_ENCODE_EPOCH(epoch, EPOCH=0)
```

Note that EPOCH=0 is the "standard type". However, the following command

```
encode1 = CDF_ENCODE_EPOCH(epoch)
```

causes the IDLDE to hang, then core dump. There is the obvious workaround (always set EPOCH=0), but I was wondering whether this was a platform specific thing.

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Brian Jackel

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