Using Signal () In SA_OLDSTYLE/Full-Size Core Files

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> **Note:** The information in this document has **not** been verified for AIX 4.1.

About This Document

Using signal() in SA_OLDSTYLE and Full-Size Core Files

Add the following to your code in some configuration .h file. This will allow you to use signal() in the SA_OLDSTYLE of handling, but also produce full size core files

```
#include <stdio.h>
#include <sys/types.h>
#include <sys/signal.h>
#define signal  SIGNAL

void (*SIGNAL(int signo, void (*fcn)(int)))
{
        struct  sigaction       act, oact;

        act.sa_handler = fcn;
        sigemptyset(&(act.sa_mask));
        act.sa_flags = SA_FULLDUMP | SA_OLDSTYLE;

        if (sigaction(signo, &act, &oact))
                return(SIG_ERR);
        else
                return(oact.sa_handler);
}
```

```
/*****************************************************************/

main()
{
        int     sigcatch();

        signal(SIGQUIT, sigcatch);
        for (;;) sleep(1);              /* sleep forever */



                        /* send two SIGQUIT's to the process and
                        ** the second one will produce the core file
                        */
}

int sigcatch()
{
        printf("Caught the signal\n");
}
```

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