

Linux

PC-based Measurement Electronics

hardware & software

Yury Magda



```
#include <unistd.h>
#include <fcntl.h>
#include <sys/types.h>
#include <sys/ioctl.h>
#include <stdlib.h>
#include <stdio.h>
#include <linux/soundcard.h>
#include <math.h>
```

```
int main()
{
    int status;
    int fd;
    int n1;
    n1 = DURATION * RATE;
```

```
// this buffer holds the digitized audio
char buf[n1];
double x;
// open sound device
fd = open("/dev/dsp", O_RDWR);
```



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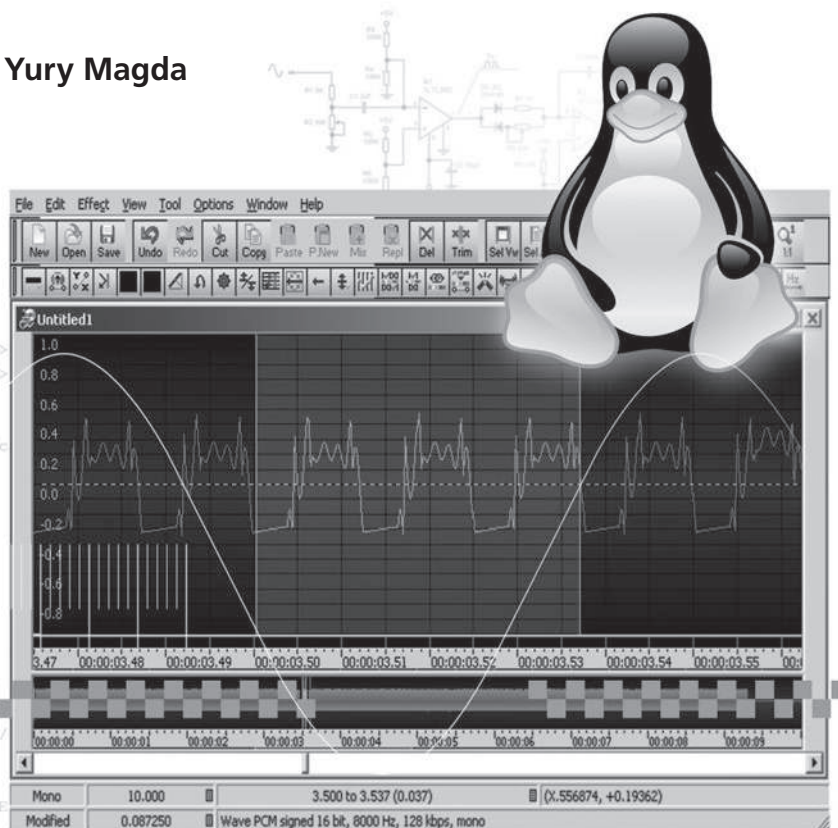
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