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/*****
/*
/*-----
/*
/*      Task      : Determines the type of video card and monitor
/*                  installed in the system.
/*-----
/*
/*      Author     : Michael Tischer
/*      Developed on : 10/02/88
/*      Last update  : 02/18/92
/*-----
/*
/*      (MICROSOFT C)
/*      Compilation : CL /AS /c VIOSC.C
/*                  LINK VIOSC VIOSCA;
/*      Call        : VIOSC
/*-----
/*
/*      (BORLAND TURBO C)
/*      Compilation : Create project file made of the following:
/*                  VIOSC
/*                  VIOSCA.ASM
/*      Info        : Some cards may return errors or "unknown"
*****/

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/*== Declarations of external functions =====*/

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extern void get_vios( struct vios * );

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/*== Type defs =====*/

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typedef unsigned char BYTE;                                /* Create a byte */

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/*== Structures =====*/

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static char *vcnames[] = {          /* Pointer to the video card name */
    "VGA",
    "EGA",
    "MDA",
    "HGC",
    "CGA"
};

static char *monnames[] = {        /* Pointer to the monitor type's name */
    "monochrome monitor",
    "color monitor",
    "high-res/multisync monitor",
    "analog monochrome monitor",
    "analog color monitor"
};

struct vios vsys[2];                /* Vector for GET_VIOS */

get_vios( vsys );                   /* Determine video system */
printf("\nVIOSC (c) 1988, 1992 by Michael Tischer\n\n");
printf("Primary video system:   %s card/ %s\n",
        vcnames[vsys[0].vcard-1], monnames[vsys[0].monitor-1]);
if ( vsys[1].vcard != NO_VIOS ) /* Is there secondary video system? */
    printf("Secondary video system: %s card/ %s\n",
            vcnames[vsys[1].vcard-1], monnames[vsys[1].monitor-1]);
}
.
```