*	keyboard.h
*	keyboard eader file for comaidsystem.c
*	
*	Communication Aid System: Designed to assist on-road communication with deaf dr
*	
*	Hardware specs: Atmega168p microcontroller
*	
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*	
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*	
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*	
***	**********/
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/\* \$Id: keyboard.h: comaidsystem.c, version 1.0 2010/31/04 09:26:08 \*/

#define END\_CODE 0xF0 #define EXTENDED 0xE0 #define EXTENDED1 0xE1 #define A 0x1c #define B 0x32 #define C 0x21 #define D 0x23 #define E 0x24 #define F 0x2B #define G 0x34 #define H 0x33 #define I 0x43 #define J 0x3B #define K 0x42 #define L 0x4B #define M 0x3A #define N 0x31 #define O 0x44 #define P 0x4D #define Q 0x15 #define R 0x2D #define S 0x1B #define T 0x2C

#define U 0x3C

#define V 0x2A

#define W 0x1D

#define X 0x22

#define Y 0x35

#define Z 0x1A

#define D0 0x45

#define D1 0x16

#define D2 0x1e

#define D3 0x26

#define D4 0x25

#define D5 0x2e

#define D6 0x36

#define D7 0x3d

#define D8 0x3e

#define D9 0x46

#define ACCENT 0x0e

#define HYPHEN 0x4e

#define EQUALS 0x55

#define BACKSLASH 0x5d

#define BKSP 0x66

#define SPACE 0x29

#define TAB 0x0d

#define CAPS 0x58

#define L\_SHIFT 0x12

#define L\_CTRL 0x14

#define L\_GUI 0x1f

#define L\_ALT 0x11

#define R\_SHIFT 0x59

#define R\_CTRL 0x14

#define R\_GUI 0x27

#define R\_ALT 0x11

#define APPS 0x2f

#define ENTER 0x5a

#define ESC 0x76

#define F1 0x05

#define F2 0x06

#define F3 0x04

#define F4 0x0c

#define F5 0x03

#define F6 0x0b

#define F7 0x83

#define F8 0x0a

#define F9 0x01

#define F10 0x09

#define F11 0x78

#define F12 0x07

#define PRNT\_SCRN 0x12

#define SCROLL 0x7e

#define PAUSE 0x14

#define LSQR\_BRKT 0x54

#define INSERT 0x70

#define HOME 0x6c

#define PG\_UP 0x7d

#define DELETE 0x71

#define END 0x69

#define PG\_DN 0x7a

#define U\_ARROW 0x75

#define L\_ARROW 0x6b

#define D\_ARROW 0x72

#define R\_ARROW 0x74

#define NUM 0x77

#define KP\_SLASH 0x4a

#define KP\_STAR 0x7c

#define KP\_MINUS 0x7b

#define KP\_PLUS 0x79

#define KP\_EN 0x5a

#define KP\_DOT 0x71

#define KP\_0 0x70

#define KP\_1 0x69

#define KP\_2 0x72

#define KP\_3 0x7a

#define KP\_4 0x6b

#define KP\_5 0x73

#define KP\_6 0x74

#define KP\_7 0x6c

```
#define KP_8 0x75

#define KP_9 0x7d

#define RSQR_BRKT 0x5b

#define SEMI_COLON 0x4c

#define APOSTROPHE 0x52

#define COMMA 0x41

#define DOT 0x49

#define SLASH 0x4A

typedef struct scancode_struct{
  unsigned char ascii_char;
  void *(*scancode_function)(unsigned char);
} scode;
```