Interface DLL to INDEL hardware

Slave	:	PCMaster- or Master/Slave-number (first PCMaster has number 0)	
Address	:	Byteadresse	
void	:	no value	
char	:		(singed 8 bit value)
char *value	:		(value = pointer to char)
BOOL	:	int	(logical 16 bit value; =0->false, <>0=true)
WORD	:	unsigned int	(unsigned 16 bit value)
int	:		(signed 16 bit value)
DWORD	:	unsigned long	(unsigned 32 bit value)
long	:		(signed 32 bit value)
float	:		(single precision IEEE floating point number, 4 bytes)
double	:		(double precision IEEE floating point number, 8 bytes)

PCMaster and IPS-32

void	**SetBit**	(WORD Slave, WORD Offset, DWORD Base);	index 1
void	**ClearBit**	(WORD Slave, WORD Offset, DWORD Base);	index 2
BOOL	**TestBit**	(WORD Slave, WORD Offset, DWORD Base);	index 3
void	**SetOutput**	(WORD Slave, WORD Offset);	index 4
void	**ClearOutput**	(WORD Slave, WORD Offset);	index 5
BOOL	**TestOutput**	(WORD Slave, WORD Offset);	index 6
void	**SetInput**	(WORD Slave, WORD Offset);	index 7
void	**ClearInput**	(WORD Slave, WORD Offset);	index 8
BOOL	**TestInput**	(WORD Slave, WORD Offset);	index 9
void	**SetFlag**	(WORD Slave, WORD Offset);	index 10
void	**ClearFlag**	(WORD Slave, WORD Offset);	index 11
BOOL	**TestFlag**	(WORD Slave, WORD Offset);	index 12
void	**PutByte**	(WORD Slave, DWORD Address, WORD Value);	index 16
WORD	**GetByte**	(WORD Slave, DWORD Address);	index 17
void	**PutChar**	(WORD Slave, DWORD Address, int Value);	index 18
int	**GetChar**	(WORD Slave, DWORD Address);	index 19
void	**PutWord**	(WORD Slave, DWORD Address, WORD Value);	index 20
WORD	**GetWord**	(WORD Slave, DWORD Address);	index 21
void	**PutInt**	(WORD Slave, DWORD Address, int Value);	index 22
int	**GetInt**	(WORD Slave, DWORD Address);	index 23
void	**PutDWord**	(WORD Slave, DWORD Address, DWORD Value);	index 24
DWORD	**GetDWord**	(WORD Slave, DWORD Address);	index 25
void	**PutLong**	(WORD Slave, DWORD Address, long Value);	index 26
long	**GetLong**	(WORD Slave, DWORD Address);	index 27
void	**PutFloat**	(WORD Slave, DWORD Address, double Value);	index 28
double	**GetFloat**	(WORD Slave, DWORD Address);	index 29
void	**PutDouble**	(WORD Slave, DWORD Address, double Value);	index 30

double **GetDouble** (WORD Slave, DWORD Address); index 31

void **PutString** (WORD Slave, DWORD Address, char *Value); index 32
void **GetString** (WORD Slave, DWORD Address, char *Value); index 33

void **PutBlock** (WORD Slave, DWORD Address, void far *Value, WORD Number); index 34
void **GetBlock** (WORD Slave, DWORD Address, void far *Value, WORD Number); index 35

BOOL **GetLinkStatus** (WORD Slave); index 64

DWORD **GetSpecial** (WORD Slave, WORD Number); index 65

Number :
- 0x32 - get revision of operating system
- 0x33 - get revision of firmware
- 0x34 - get ISEC
- 0x40 - get address of link table
- 0x41 - get address of module table
- 0x42 - get address of jex module entry
- 0x43 - get monitor start address
- 0x44 - get address of macro base page
- 0x45 - get address of input base
- 0x46 - get address of output base
- 0x47 - get address of static base start
- 0x48 - get address of stack start
- 0x49 - get address of flag base
- 0x4A - get address of pointers
- 0x4B - get address of macro register start
- 0x4C - get address of pointer to R00 of last active task

WORD **GetRevision** (); index 66

only PCMaster

void **DPRSetBit** (WORD Slave, WORD Offset, DWORD Base); index 128
void **DPRClearBit** (WORD Slave, WORD Offset, DWORD Base); index 129
BOOL **DPRTestBit** (WORD Slave, WORD Offset, DWORD Base); index 130

void **DPRPutByte** (WORD Slave, DWORD Address, WORD Value); index 131
WORD **DPRGetByte** (WORD Slave, DWORD Address); index 132
void **DPRPutChar** (WORD Slave, DWORD Address, int Value); index 133
int **DPRGetChar** (WORD Slave, DWORD Address); index 134

void **DPRPutWord** (WORD Slave, DWORD Address, WORD Value); index 135
WORD **DPRGetWord** (WORD Slave, DWORD Address); index 136
void **DPRPutInt** (WORD Slave, DWORD Address, int Value); index 137
int **DPRGetInt** (WORD Slave, DWORD Address); index 138

void **DPRPutDWord** (WORD Slave, DWORD Address, DWORD Value); index 139
DWORD **DPRGetDWord** (WORD Slave, DWORD Address); index 140
void **DPRPutLong** (WORD Slave, DWORD Address, long Value); index 141
long **DPRGetLong** (WORD Slave, DWORD Address); index 142

void **DPRPutFloat** (WORD Slave, DWORD Address, double Value); index 143
double **DPRGetFloat** (WORD Slave, DWORD Address); index 144

void	**DPRPutDouble**	(WORD Slave, DWORD Address, double Value);	index 145
double	**DPRGetDouble**	(WORD Slave, DWORD Address);	index 146
void	**DPRPutString**	(WORD Slave, DWORD Address, char far *Value);	index 147
void	**DPRGetString**	(WORD Slave, DWORD Address, char far *Value);	index 148
void	**DPRPutBlock**	(WORD Slave, DWORD Address, void far *Value, WORD Number);	149
void	**DPRGetBlock**	(WORD Slave, WORD Address, void far *Value, WORD Number);	150
WORD	**PCMGetSelector**	(WORD Slave);	index 164

Utilities

BOOL	**TestBitWord**	(WORD Number, WORD Value);	index 256
BOOL	**TestBitDWord**	(WORD Number, DWORD Value);	index 257