**Appendix D: Diagram for the organization of the macros in H5Tconv.c**

H5T\_CONV\_Fx\_CORE

H5T\_CONV\_xF\_CORE

H5T\_CONV\_Ff\_CORE

H5T\_CONV\_fF\_CORE

H5T\_CONV\_us\_CORE

H5T\_CONV\_su\_CORE

H5T\_CONV\_sU\_CORE

H5T\_CONV\_uS\_CORE

H5T\_CONV\_Xx\_CORE

H5T\_CONV\_Ux\_CORE

H5T\_CONV\_Su\_CORE

H5T\_CONV\_xX\_CORE

With exception handling function

H5T\_CONV\_NO\_EXCEPT\_CORE

H5T\_CONV\_LOOP\_PRE\_SALIGN\_GUTS

H5T\_CONV\_LOOP\_PRE\_DALIGN\_GUTS

H5T\_CONV\_LOOP\_GUTS

H5T\_CONV\_LOOP\_POST\_SALIGN\_GUTS

H5T\_CONV\_LOOP\_POST\_DALIGN\_GUTS

H5T\_CONV\_LOOP

H5T\_CONV\_LOOP\_OUTER

H5T\_CONV

GUTS

H5T\_conv\_uchar\_schar, H5T\_conv\_ushort\_short,

H5T\_conv\_uint\_int, H5T\_conv\_ulong\_long,

H5T\_conv\_ullong\_llong

H5T\_conv\_schar\_uchar, H5T\_conv\_short\_ushort,

H5T\_conv\_int\_uint, H5T\_conv\_long\_ulong,

H5T\_conv\_llong\_ullong

H5T\_conv\_ushort\_uchar, H5T\_conv\_uint\_uchar,

H5T\_conv\_uint\_ushort, H5T\_conv\_ulong\_uchar,

H5T\_conv\_ulong\_ushort, H5T\_conv\_ulong\_uint,

H5T\_conv\_ullong\_uchar,H5T\_conv\_ullong\_ushort,H5T\_conv\_ullong\_uint, H5T\_conv\_ullong\_ulong

H5T\_conv\_ushort\_schar, H5T\_conv\_uint\_schar,

H5T\_conv\_uint\_short, H5T\_conv\_ulong\_schar,

H5T\_conv\_ulong\_short, H5T\_conv\_ulong\_int,

H5T\_conv\_ullong\_schar, H5T\_conv\_ullong\_short,

H5T\_conv\_ullong\_int, H5T\_conv\_ullong\_long

H5T\_conv\_short\_uchar, H5T\_conv\_int\_uchar,

H5T\_conv\_int\_ushort, H5T\_conv\_long\_uchar,

H5T\_conv\_long\_ushort, H5T\_conv\_long\_uint,

H5T\_conv\_llong\_uchar, H5T\_conv\_llong\_ushort,

H5T\_conv\_llong\_uint, H5T\_conv\_llong\_ulong

H5T\_conv\_short\_schar, H5T\_conv\_int\_schar,

H5T\_conv\_int\_short, H5T\_conv\_long\_schar,

H5T\_conv\_long\_short, H5T\_conv\_long\_int,

H5T\_conv\_llong\_schar, H5T\_conv\_llong\_short,

H5T\_conv\_llong\_int, H5T\_conv\_llong\_long

H5T\_conv\_uchar\_ushort, H5T\_conv\_uchar\_uint,

H5T\_conv\_uchar\_ulong, H5T\_conv\_uchar\_ullong,

H5T\_conv\_ushort\_uint, H5T\_conv\_ushort\_ulong,

H5T\_conv\_ushort\_ullong, H5T\_conv\_uint\_ulong,

H5T\_conv\_uint\_ullong, H5T\_conv\_ulong\_ullong

H5T\_conv\_uchar\_short, H5T\_conv\_uchar\_int,

H5T\_conv\_uchar\_long, H5T\_conv\_uchar\_llong,

H5T\_conv\_ushort\_int, H5T\_conv\_ushort\_long,

H5T\_conv\_ushort\_llong, H5T\_conv\_uint\_long,

H5T\_conv\_uint\_llong, H5T\_conv\_ulong\_llong

H5T\_conv\_schar\_ushort, H5T\_conv\_schar\_uint,

H5T\_conv\_schar\_ulong, H5T\_conv\_schar\_ullong,

H5T\_conv\_short\_uint, H5T\_conv\_short\_ulong,

H5T\_conv\_short\_ullong, H5T\_conv\_int\_ulong,

H5T\_conv\_int\_ullong, H5T\_conv\_long\_ullong

H5T\_conv\_schar\_short, H5T\_conv\_schar\_int,

H5T\_conv\_schar\_long, H5T\_conv\_schar\_llong,

H5T\_conv\_short\_int, H5T\_conv\_short\_long,

H5T\_conv\_short\_llong, H5T\_conv\_int\_long,

H5T\_conv\_int\_llong, H5T\_conv\_long\_llong

H5T\_CONV\_us

GUTS=H5T\_CONV\_us\_--

H5T\_CONV\_su

GUTS=H5T\_CONV\_su\_--

H5T\_CONV\_Uu

GUTS=H5T\_CONV\_Ux\_--

H5T\_CONV\_Us

GUTS=H5T\_CONV\_Ux\_--

H5T\_CONV\_Su

GUTS=H5T\_CONV\_Su\_--

H5T\_CONV\_Ss

GUTS=H5T\_CONV\_Xx\_--

H5T\_CONV\_uU

GUTS=H5T\_CONV\_xX\_--

H5T\_CONV\_uS

GUTS=H5T\_CONV\_uS\_--

H5T\_CONV\_sU

GUTS=H5T\_CONV\_sU\_--

H5T\_CONV\_sS

GUTS=H5T\_CONV\_xX\_--

H5T\_CONV\_Fx

GUTS=H5T\_CONV\_Fx\_--

H5T\_CONV\_xF

GUTS=H5T\_CONV\_xF\_--

H5T\_conv\_float\_schar,

H5T\_conv\_float\_uchar,

H5T\_conv\_double\_schar,

H5T\_conv\_double\_uchar,

H5T\_conv\_ldouble\_schar,

H5T\_conv\_ldouble\_uchar,

H5T\_conv\_float\_short,

H5T\_conv\_float\_ushort,

H5T\_conv\_double\_short,

H5T\_conv\_double\_ushort,

H5T\_conv\_ldouble\_short,

H5T\_conv\_ldouble\_ushort,

H5T\_conv\_float\_int,

H5T\_conv\_float\_uint,

H5T\_conv\_double\_int,

H5T\_conv\_double\_uint,

H5T\_conv\_ldouble\_int,

H5T\_conv\_ldouble\_uint,

H5T\_conv\_float\_long,

H5T\_conv\_float\_ulong,

H5T\_conv\_double\_long,

H5T\_conv\_double\_ulong,

H5T\_conv\_ldouble\_long,

H5T\_conv\_ldouble\_ulong,

H5T\_conv\_float\_llong,

H5T\_conv\_float\_ullong,

H5T\_conv\_double\_llong,

H5T\_conv\_double\_ullong,

H5T\_conv\_ldouble\_llong,

H5T\_conv\_ldouble\_ullong

H5T\_conv\_double\_float,

H5T\_conv\_ldouble\_float,

H5T\_conv\_ldouble\_double

H5T\_conv\_float\_double,

H5T\_conv\_float\_ldouble,

H5T\_conv\_double\_ldouble

H5T\_conv\_schar\_float,

H5T\_conv\_schar\_double,

H5T\_conv\_schar\_ldouble,

H5T\_conv\_uchar\_float,

H5T\_conv\_uchar\_double,

H5T\_conv\_uchar\_ldouble,

H5T\_conv\_short\_float,

H5T\_conv\_short\_double,

H5T\_conv\_short\_ldouble,

H5T\_conv\_ushort\_float,

H5T\_conv\_ushort\_double,

H5T\_conv\_ushort\_ldouble,

H5T\_conv\_int\_float,

H5T\_conv\_int\_double,

H5T\_conv\_int\_ldouble,

H5T\_conv\_uint\_float,

H5T\_conv\_uint\_double,

H5T\_conv\_uint\_ldouble,

H5T\_conv\_long\_float,

H5T\_conv\_long\_double,

H5T\_conv\_long\_ldouble,

H5T\_conv\_ulong\_float,

H5T\_conv\_ulong\_double,

H5T\_conv\_ulong\_ldouble,

H5T\_conv\_llong\_float,

H5T\_conv\_llong\_double,

H5T\_conv\_llong\_ldouble,

H5T\_conv\_ullong\_float,

H5T\_conv\_ullong\_double,

H5T\_conv\_ullong\_ldouble

H5T\_CONV\_fF

GUTS=H5T\_CONV\_xX\_--

H5T\_CONV\_Ff

GUTS=H5T\_CONV\_Ff\_--