MIDL Predefined and Base Types

MIDL supports the following **base** and **predefined types**:

Data type	Description	Default sign
Boolean	8 bits. Not compatible with **oleautomation** interfaces; use VARIANT_BOOL instead.	Unsigned
byte	8 bits.	(not applicable)
char	8 bits.	Unsigned
double	64-bit floating point number.	(not applicable)
error_status_t	32-bit unsigned integer for returning status values for error handling.	Unsigned
float	32-bit floating point number.	(not applicable)
handle_t	Primitive handle type for binding.	(not applicable)
hyper	64-bit integer.	Signed
int	32-bit integer. On 16-bit platforms, cannot appear in remote functions without a size qualifier such as **short**, **small**, **long** or **hyper**.	Signed
__int32	32-bit integer. Equivalent to **long**.	
__int3264	An integer that is 32-bit on 32-bit platforms, and is 64-bit on 64-bit platforms.	Signed
__int64	64-bit integer. Equivalent to **hyper**.	
long	32-bit integer.	Signed
short	16-bt integer.	Signed
small	8-bit integer.	Signed
void	Indicates that the procedure does not return a value.	(not applicable)
void *	32-bit pointer for context handles only.	(not applicable)
wchar_t	16-bit predefined type for wide characters.	Unsigned