



CGO_CFLAGS, CGO_CPPFLAGS, CGO_CXXFLAGS, CGO_LDFLAGS

cgo convert C-Go string type

string

```
// Go string to C string; result must be freed with C.free
func C.CString(string) *C.char

// C string to Go string
func C.GoString(*C.char) string

// C string, length to Go string
func C.GoStringN(*C.char, C.int) string

// C pointer, length to Go []byte
func C.GoBytes(unsafe.Pointer, C.int) []byte
```

C Types in Go

char

```
type C.char
type C.schar (signed char)
type C.uchar (unsigned char)
```

short

```
type C.short
type C.ushort (unsigned short)
```

int

```
type C.int
type C.uint (unsigned int)
```

long

```
type C.long
type C.ulong (unsigned long)
```

longlong

```
type C.longlong (long long)
type C.ulonglong (unsigned long long)
```

float

```
type C.float
```

double

type C.double

Directly access struct type

As in C.struct_stat

struct

type C.struct_***

union

type C.union_***

enum

type C.enum_***

void*

See also https://golang.org/pkg/unsafe/

func unsafe.Pointer() *ArbitraryType



muratsplat commented 21 days ago

good stuf