

List of all GO Interfaces

Michel Casabianca
casa@sweetohm.net

While attending dotGo, where the buzzword was clearly *the interface*, I was wondering where I could find a list of all interfaces defined in the GO language. I found nowhere.

Thus I decided to write a little GO program that would;

- Downloads the GO source tarball for a given version.
- Parses source files to extract the interface names and line number where they are defined.
- Write this list on the console in the markdown format.

The project is on Github: <https://github.com/c4s4/gointerfaces>.

Here is the result:

Package	1.0.3	1.1.2	1.2.2	1.3.3	1.4.3	1.5.4	1.6.4	1.7.6	1
crypto/cipher	-	-	source	source	source	source	source	source	sc
net	source	source	source	source	source	source	source	source	sc
vendor/golang_org/x/net/route	-	-	-	-	-	-	-	source	sc
vendor/golang_org/x/net/lif	-	-	-	-	-	-	-	-	sc
net/smtp	source	source	source	source	source	source	source	source	sc
encoding	-	-	source	source	source	source	source	source	sc
encoding	-	-	source	source	source	source	source	source	sc
crypto/cipher	source	source	source	source	source	source	source	source	sc
crypto/cipher	source	source	source	source	source	source	source	source	sc
net/http/httputil	-	-	-	-	-	-	source	source	sc
encoding/binary	source	source	source	source	source	source	source	source	sc
io	source	source	source	source	source	source	source	source	sc
io	source	source	source	source	source	source	source	source	sc
io	-	source	source	source	source	source	source	source	sc
net/rpc	source	source	source	source	source	source	source	source	sc
crypto/tls	-	-	-	source	source	source	source	source	sc
net/http	-	source	source	source	source	source	source	source	sc

	io	source	source	source	source	source	source	source	source	source
	image/color	source	source	source	source	source	source	source	source	source
	database/sql/driver	source	source	source	source	source	source	source	source	source
	net	source	source	source	source	source	source	source	source	source
	database/sql/driver	source	source	source	source	source	source	source	source	source
	syscall	-	-	-	-	-	-	-	-	-
	database/sql/driver	-	-	-	-	-	-	-	-	source
	database/sql/driver	-	-	-	-	-	-	-	-	source
	database/sql/driver	-	-	-	-	-	-	-	-	-
	context	-	-	-	-	-	-	-	source	source
	net/http	source	source	source	source	source	source	source	source	source
	crypto/elliptic	source	source	source	source	source	source	source	source	source
	go/ast	source	source	source	source	source	source	source	source	source
	crypto	-	-	-	-	-	source	source	source	source
	crypto	-	-	-	-	-	source	source	source	source
	vendor/golang_org/x/net/proxy	-	-	-	-	-	-	-	-	-
	image/draw	-	-	source	source	source	source	source	source	source
	database/sql/driver	source	source	source	source	source	source	source	source	source
	database/sql/driver	-	-	-	-	-	-	-	-	-
	image/png	-	-	-	-	-	-	-	-	-
	net	source	source	source	source	source	source	source	source	source
	runtime	source	source	source	source	source	source	source	source	source
	database/sql/driver	source	source	source	source	source	source	source	source	source
	database/sql/driver	-	-	-	-	-	-	-	-	source
	go/ast	source	source	source	source	source	source	source	source	source
	mime/multipart	source	source	source	source	source	source	source	source	source
	net/http	source	source	source	source	source	source	source	source	source
	os	source	source	source	source	source	source	source	source	source
	net/http	source	source	source	source	source	source	source	source	source
	net/http	source	source	source	source	source	source	source	source	source

	fmt	source	source	source	source	source	source	source	source	source
	testing/quick	source	source	source	source	source	source	source	source	source
	flag	-	-	source	source	source	source	source	source	source
	fmt	source	source	source	source	source	source	source	source	source
	encoding/gob	source	source	source	source	source	source	source	source	source
	encoding/gob	source	source	source	source	source	source	source	source	source
	net/http	source	source	source	source	source	source	source	source	source
	hash	source	source	source	source	source	source	source	source	source
	hash	source	source	source	source	source	source	source	source	source
	hash	source	source	source	source	source	source	source	source	source
	net/http	source	source	source	source	source	source	source	source	source
	image/draw	source	source	source	source	source	source	source	source	source
	image	source	source	source	source	source	source	source	source	source
	go/types	-	-	-	-	-	source	source	source	source
	go/types	-	-	-	-	-	-	source	source	source
	container/heap	source	source	source	source	source	source	source	source	source
	sort	source	source	source	source	source	source	source	source	source
	internal/testlog	-	-	-	-	-	-	-	-	-
	net	source	source	source	source	source	source	source	source	source
	debug/macho	source	source	source	source	source	source	source	source	source
	sync	source	source	source	source	source	source	source	source	source
	encoding/xml	-	-	source	source	source	source	source	source	source
	encoding/json	source	source	source	source	source	source	source	source	source
	encoding/xml	-	-	source	source	source	source	source	source	source
	vendor/golang_org/x/crypto/cryptobyte	-	-	-	-	-	-	-	-	-
	vendor/golang_org/x/net/route	-	-	-	-	-	-	-	source	source
	image/color	source	source	source	source	source	source	source	source	source
	database/sql/driver	-	-	-	-	-	-	-	-	-
	text/template/parse	source	source	source	source	source	source	source	source	source
	go/ast	source	source	source	source	source	source	source	source	source

go/types	-	-	-	-	-	-	source	source	source	sc
net	source	source	source	source	source	source	source	source	source	sc
image	source	source	source	source	source	source	source	source	source	sc
database/sql/driver	-	-	-	-	-	-	-	-	-	sc
crypto	source	source	source	source	source	source	source	source	source	sc
crypto	-	-	source	source	source	source	source	source	source	sc
net/http/cookiejar	-	source	source	source	source	source	source	source	source	sc
net/http	-	-	-	-	-	-	-	-	-	sc
image/draw	-	-	source	source	source	source	source	source	source	sc
database/sql/driver	-	source	source	source	source	source	source	source	source	sc
database/sql/driver	-	-	-	-	-	-	-	-	-	sc
syscall	-	-	-	-	-	-	-	-	-	-
io	source	source	source	source	source	source	source	source	source	sc
io	source	source	source	source	source	source	source	source	source	sc
io	source	source	source	source	source	source	source	source	source	sc
io	source	source	source	source	source	source	source	source	source	sc
io	source	source	source	source	source	source	source	source	source	sc
compress/flate	source	source	source	source	source	source	source	source	source	sc
io	source	source	source	source	source	source	source	source	source	sc
image/jpeg	source	source	source	source	source	source	source	source	source	sc
io	source	source	source	source	source	source	source	source	source	sc
io	source	source	source	source	source	source	source	source	source	sc
compress/zlib	-	-	-	-	source	source	source	source	source	sc
compress/flate	-	-	-	-	source	source	source	source	source	sc
vendor/golang_org/x/net/dns/dnsmessage	-	-	-	-	-	-	-	-	-	-
net/http	source	source	source	source	source	source	source	source	source	sc
database/sql	source	source	source	source	source	source	source	source	source	sc
database/sql/driver	source	source	source	source	source	source	source	source	source	sc
net/http	source	source	source	source	source	source	source	source	source	sc
syscall	source	source	source	source	source	source	source	source	source	sc

	database/sql/driver	source	source	source	source	source	source	source	source	source
typeName	database/sql/driver	-	-	-	-	-	-	-	-	-
	database/sql/driver	-	-	-	-	-	-	-	-	-
	database/sql/driver	-	-	-	-	-	-	-	-	-
file	database/sql/driver	-	-	-	-	-	-	-	-	-
	database/sql/driver	-	-	-	-	-	-	-	-	-
	database/sql/driver	-	-	-	-	-	-	-	-	-
	io	source	source	source	source	source	source	source	source	source
	io	source	source	source	source	source	source	source	source	source
	fmt	source	source	source	source	source	source	source	source	source
	fmt	source	source	source	source	source	source	source	source	source
	database/sql	source	source	source	source	source	source	source	source	source
	io	source	source	source	source	source	source	source	source	source
	net/rpc	source	source	source	source	source	source	source	source	source
	database/sql/driver	-	-	-	-	-	-	-	-	-
	os	source	source	source	source	source	source	source	source	source
	crypto	-	-	-	-	source	source	source	source	source
	crypto	-	-	-	-	source	source	source	source	source
	go/types	-	-	-	-	-	source	source	source	source
	syscall	source	source	source	source	source	source	source	source	source
	math/rand	source	source	source	source	source	source	source	source	source
	math/rand	-	-	-	-	-	-	-	-	-
	vendor/golang_org/x/text/transform	-	-	-	-	-	-	-	-	-
	fmt	source	source	source	source	source	source	source	source	source
	go/ast	source	source	source	source	source	source	source	source	source
	database/sql/driver	source	source	source	source	source	source	source	source	source
	database/sql/driver	-	-	-	-	-	-	-	-	-
	database/sql/driver	-	-	-	-	-	-	-	-	-
	crypto/cipher	source	source	source	source	source	source	source	source	source
	fmt	source	source	source	source	source	source	source	source	source

plugin	-	-	-	-	-	-	-	-	-	sc
vendor/golang_org/x/net/route	-	-	-	-	-	-	-	-	source	sc
testing	-	-	source	source	source	source	source	source	source	sc
encoding	-	-	source	source	source	source	source	source	source	sc
encoding	-	-	source	source	source	source	source	source	source	sc
encoding/json	-	-	-	-	-	source	source	source	source	sc
encoding/xml	source	source	source	source	source	source	source	source	source	sc
encoding/xml	-	-	-	-	-	-	-	-	-	-
vendor/golang_org/x/text/transform	-	-	-	-	-	-	-	-	-	sc
database/sql/driver	source	source	source	source	source	source	source	source	source	sc
go/types	-	-	-	-	-	source	source	source	source	sc
reflect	source	source	source	source	source	source	source	source	source	sc
debug/dwarf	source	source	source	source	source	source	source	source	source	sc
encoding/xml	-	-	source	source	source	source	source	source	source	sc
encoding/json	source	source	source	source	source	source	source	source	source	sc
encoding/xml	-	-	source	source	source	source	source	source	source	sc
go/constant	-	-	-	-	-	source	source	source	source	sc
database/sql/driver	source	source	source	source	source	source	source	source	source	sc
flag	source	source	source	source	source	source	source	source	source	sc
database/sql/driver	source	source	source	source	source	source	source	source	source	sc
database/sql/driver	source	source	source	source	source	source	source	source	source	sc
expvar	source	source	source	source	source	source	source	source	source	sc
go/ast	source	source	source	source	source	source	source	source	source	sc
io	source	source	source	source	source	source	source	source	source	sc
io	source	source	source	source	source	source	source	source	source	sc
io	source	source	source	source	source	source	source	source	source	sc
io	source	source	source	source	source	source	source	source	source	sc
io	source	source	source	source	source	source	source	source	source	sc

You may find a discussion on these interfaces on this page:

<http://mwholt.blogspot.fr/2014/08/maximizing-use-of-interfaces-in-go.html>.

Enjoy!