

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
	crypto/cipher	-	-	source	source	source	source	source	source
	vendor/golang_org/x/net/lif	-	-	-	-	-	-	-	-
	vendor/golang_org/x/net/route	-	-	-	-	-	-	-	source
	net	source	source	source	source	source	source	source	source
	net/smtp	source	source	source	source	source	source	source	source
	encoding	-	-	source	source	source	source	source	source
	encoding	-	-	source	source	source	source	source	source
	crypto/cipher	source	source	source	source	source	source	source	source
	crypto/cipher	source	source	source	source	source	source	source	source
	net/http/httputil	-	-	-	-	-	-	source	source
	encoding/binary	source	source	source	source	source	source	source	source
	io	source	source	source	source	source	source	source	source
	io	source	source	source	source	source	source	source	source
	io	-	source	source	source	source	source	source	source
	net/rpc	source	source	source	source	source	source	source	source
	crypto/tls	-	-	-	source	source	source	source	source
	net/http	-	source	source	source	source	source	source	source

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

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

	go/types	-	-	-	-	-	source	source	source
	net	source	source	source	source	source	source	source	source
	image	source	source	source	source	source	source	source	source
	database/sql/driver	-	-	-	-	-	-	-	-
	crypto	source	source	source	source	source	source	source	source
	crypto	-	-	source	source	source	source	source	source
	net/http/cookiejar	-	source	source	source	source	source	source	source
	net/http	-	-	-	-	-	-	-	-
	image/draw	-	-	source	source	source	source	source	source
	database/sql/driver	-	source	source	source	source	source	source	source
	database/sql/driver	-	-	-	-	-	-	-	-
	syscall	-	-	-	-	-	-	-	-
	io	source	source	source	source	source	source	source	source
	io	source	source	source	source	source	source	source	source
	io	source	source	source	source	source	source	source	source
	io	source	source	source	source	source	source	source	source
	io	source	source	source	source	source	source	source	source
	compress/flate	source	source	source	source	source	source	source	source
	io	source	source	source	source	source	source	source	source
	image/jpeg	source	source	source	source	source	source	source	source
	io	source	source	source	source	source	source	source	source
	io	source	source	source	source	source	source	source	source
	compress/zlib	-	-	-	-	source	source	source	source
	compress/flate	-	-	-	-	source	source	source	source
	net/http	source	source	source	source	source	source	source	source
	database/sql	source	source	source	source	source	source	source	source
	database/sql/driver	source	source	source	source	source	source	source	source
	net/http	source	source	source	source	source	source	source	source
	syscall	source	source	source	source	source	source	source	source
	database/sql/driver	source	source	source	source	source	source	source	source

baseTypeName	database/sql/driver	-	-	-	-	-	-	-	-
n	database/sql/driver	-	-	-	-	-	-	-	-
ble	database/sql/driver	-	-	-	-	-	-	-	-
ionScale	database/sql/driver	-	-	-	-	-	-	-	-
ype	database/sql/driver	-	-	-	-	-	-	-	-
	database/sql/driver	-	-	-	-	-	-	-	-
	io	source	source	source	source	source	source	source	source
	io	source	source	source	source	source	source	source	source
	fmt	source	source	source	source	source	source	source	source
	database/sql	source	source	source	source	source	source	source	source
	fmt	source	source	source	source	source	source	source	source
	io	source	source	source	source	source	source	source	source
	net/rpc	source	source	source	source	source	source	source	source
	database/sql/driver	-	-	-	-	-	-	-	-
	os	source	source	source	source	source	source	source	source
	crypto	-	-	-	-	source	source	source	source
	crypto	-	-	-	-	source	source	source	source
	go/types	-	-	-	-	-	source	source	source
	syscall	source	source	source	source	source	source	source	source
	math/rand	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
	go/ast	source	source	source	source	source	source	source	source
	database/sql/driver	source	source	source	source	source	source	source	source
	database/sql/driver	-	-	-	-	-	-	-	-
	database/sql/driver	-	-	-	-	-	-	-	-
	crypto/cipher	source	source	source	source	source	source	source	source
	fmt	source	source	source	source	source	source	source	source
	plugin	-	-	-	-	-	-	-	-

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

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!