

# Les interfaces du GO

Michel Casabianca  
[michel.casabianca@gmail.com](mailto:michel.casabianca@gmail.com)

En assistant à la dotGo, où le buzzword était clairement *l'interface*, je me suis demandé où l'on pouvait se procurer la liste de toutes les interfaces définies dans le langage. J'ai cherché et n'ai trouvé cette information nulle part.

Je me suis donc décidé à écrire un petit programme qui :

- Télécharge le tarball des sources d'une version donnée.
- Parse les fichiers sources pour en extraire les interfaces ainsi que le numéro de ligne où elles sont définies.
- Affiche sur la console la liste de ces interfaces sous la forme d'un tableau markdown.

Le projet se trouve sur Github : <https://github.com/c4s4/gointerfaces>.

Voici le résultat :

Interface	Package	1.0.3	1.1.2	1.2.2	1.3.3	1.4.2
AEAD	crypto/cipher	-	-	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
Addr	net	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
Auth	net/smtp	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
BinaryMarshaler	encoding	-	-	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
BinaryUnmarshaler	encoding	-	-	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
Block	crypto/cipher	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
BlockMode	crypto/cipher	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
ByteOrder	encoding/binary	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
ByteReader	io	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
ByteScanner	io	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
ByteWriter	io	-	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
ClientCodec	net/rpc	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
ClientSessionCache	crypto/tls	-	-	-	<a href="#">source</a>	<a href="#">source</a>
CloseNotifier	net/http	-	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
Closer	io	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>

Color	image/color	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
ColumnConverter	database/sql/driver	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
Conn	net	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
Conn	database/sql/driver	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
CookieJar	net/http	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
Curve	crypto/elliptic	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
Decl	go/ast	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
Drawer	image/draw	-	-	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
Driver	database/sql/driver	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
Error	runtime	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
Error	net	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
Execer	database/sql/driver	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
Expr	go/ast	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
File	mime/multipart	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
File	net/http	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
FileInfo	os	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
FileSystem	net/http	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
Flusher	net/http	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
Formatter	fmt	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
Generator	testing/quick	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
Getter	flag	-	-	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
GoStringer	fmt	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
GobDecoder	encoding/gob	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
GobEncoder	encoding/gob	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
Handler	net/http	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
Hash	hash	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
Hash32	hash	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
Hash64	hash	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
Hijacker	net/http	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
Image	image/draw	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>

Image	image	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
Interface	container/heap	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
Interface	sort	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
Listener	net	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
Load	debug/macho	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
Locker	sync	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
Marshaler	encoding/xml	-	-	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
Marshaler	encoding/json	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
MarshalerAttr	encoding/xml	-	-	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
Model	image/color	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
Node	go/ast	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
Node	text/template/parse	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
PacketConn	net	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
PalettedImage	image	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
PublicSuffixList	net/http/cookiejar	-	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
Quantizer	image/draw	-	-	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
Queryer	database/sql/driver	-	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
ReadCloser	io	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
ReaderSeeker	io	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
ReadWriteCloser	io	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
ReadWriteSeeker	io	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
ReadWriter	io	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
Reader	io	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
Reader	image/jpeg	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
Reader	compress/flate	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
ReaderAt	io	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
ReaderFrom	io	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
Resetter	compress/zlib	-	-	-	-	<a href="#">source</a>
Resetter	compress/flate	-	-	-	-	<a href="#">source</a>
ResponseWriter	net/http	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>

Result	database/sql/driver	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
Result	database/sql	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
RoundTripper	net/http	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
RoutingMessage	syscall	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
Rows	database/sql/driver	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
RuneReader	io	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
RuneScanner	io	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
ScanState	fmt	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
Scanner	database/sql	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
Scanner	fmt	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
Seeker	io	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
ServerCodec	net/rpc	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
Signal	os	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
Signer	crypto	-	-	-	-	<a href="#">source</a>
SignerOpts	crypto	-	-	-	-	<a href="#">source</a>
Sockaddr	syscall	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
Source	math/rand	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
State	fmt	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
Stmt	database/sql/driver	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
Stmt	go/ast	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
Stream	crypto/cipher	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
Stringer	fmt	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
TB	testing	-	-	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
TextMarshaler	encoding	-	-	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
TextUnmarshaler	encoding	-	-	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
Tx	database/sql/driver	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
Type	debug/dwarf	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
Type	reflect	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
Unmarshaler	encoding/json	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
Unmarshaler	encoding/xml	-	-	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>

UnmarshalerAttr	encoding/xml	-	-	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
Value	flag	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
ValueConverter	database/sql/driver	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
Valuer	database/sql/driver	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
Var	expvar	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
Visitor	go/ast	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
WriteCloser	io	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
WriteSeeker	io	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
Writer	io	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
WriterAt	io	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>
WriterTo	io	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>	<a href="#">source</a>

On pourra trouver une discussion sur ces interfaces dans l'article suivant (en anglais) :  
<http://mwholt.blogspot.fr/2014/08/maximizing-use-of-interfaces-in-go.html>.

*Enjoy!*