

# go Support Scripts

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## Contents

<b>1</b>	<b>About</b>	<b>1</b>
<b>2</b>	<b>Directory Design</b>	<b>1</b>
<b>3</b>	<b>Helper Scripts</b>	<b>1</b>

## 1 About

The use of go (alias golang) is a pretty succesful one. The language has been used successfully to development REST-API services and front-ends. The advantages of this language and in particular the implementation are:

- no virtual CLR or JRE runtime, so comparably small and fast
- every installation contains all components for cross-compilation
- sucessfully compiled the same application for ARM5, ARM7, ARM64, and AMD64 environments
- libraries looks like designed from programming professionals, not lecturers
- good, helpful community existing

## 2 Directory Design

## 3 Helper Scripts

The scripts are all part of the `ConfigShell/bin` directory. They can be classified like:

1. compilation scripts
2. version-number increase and compilation scripts
3. execution scripts to execute the last compiled binary
4. status check scripts
5. cleanup scripts

The commands are grouped like:

<b>bumpversion &amp; debug-build</b>	<b>build</b>	<b>execute last binary</b>	<b>other</b>
go-major, goma go-minor, gomi go-patch, gopa	godebug  gorelease goupx	goexec-debug, goed  goexec-release, goer goexec-upx, goeu	go-status, gost godistclean