

Compiling

This document assumes that the **golang** tool set has been installed.

Golang applications always have a **src** directory which contains the applications source code, along with any associated projects that are referenced by the primary application. The following shows where the applications source code resides:

```
/sysmon-logger-server/source/src/info-assure
```

gb

The project uses **gb** for building the project. **gb** allows for reproducible builds and vendoring so that all dependencies are kept with the project source.

To install **gb**, create a temporary directory and set the GOPATH environment variable to the new temporary directory.

```
$ export GOPATH=/home/bsmith/tempgb
```

Then download the source code for **gb**

```
go get github.com/constabulary/gb/...
```

Navigate to the **gb** sub-directory:

```
cd /home/bsmith/tempgb/src/github.com/constabulary/gb
```

Build the project

```
go build
```

Copy the binaries to the local path

```
cp ../../../../bin/* /usr/local/bin
```

The **gb** command maybe aliased with git, so check with:

```
alias gb
```

If the alias exists then you can unalias by:

```
unalias gb
```

Compile with gb

To compile the application use the following commands (assuming the same directory structure):

```
$ cd /sysmon-logger-server/source/  
$ gb build all
```