# bosun-monitor/bosun:

Time Series Alerting Framework

https://github.com/bosun-monitor/bosun

bosun

Bosun is a time series alerting framework developed by Stack Exchange. Scollector is a metric collection agent. Learn more at[bosun.org](http://bosun.org/).

building

To build bosun and scollector, clone to $GOPATH/src/bosun.org:

$ go get bosun.org/cmd/bosun

bosun and scollector are found under the cmd directory. Run go build in the corresponding directories to build each project.

developing

Install:

* npm install typescript -g to be able to compile the ts files to js files.
* go get github.com/mjibson/esc to embed the static files. Run go generate in cmd/bosun when new static assets (like JS and CSS files) are added or changed.

The w.sh script will automatically build and run bosun in a loop. It will update itself when go/js/ts files change, and it runs in read-only mode, not sending any alerts.

$ cd cmd/bosun

$ ./w.sh

Go Version:

* We generally upgrade to the latest version Go within a day or two. So consider the correct version of Go always to be the latest stable release.

Miniprofiler:

* Bosun includes [miniprofiler](https://github.com/MiniProfiler/go) in the web UI which can help with debugging. The key combination ALT-P will show miniprofiler. This allows you to see timings, as well as the raw queries sent to TSDBs.