

Top 5 improvements to Debugging Go Code in VS Code

in the last year

Ramya Rao
Software Engineer, Microsoft
Maintainer of the Go plugin to VS Code

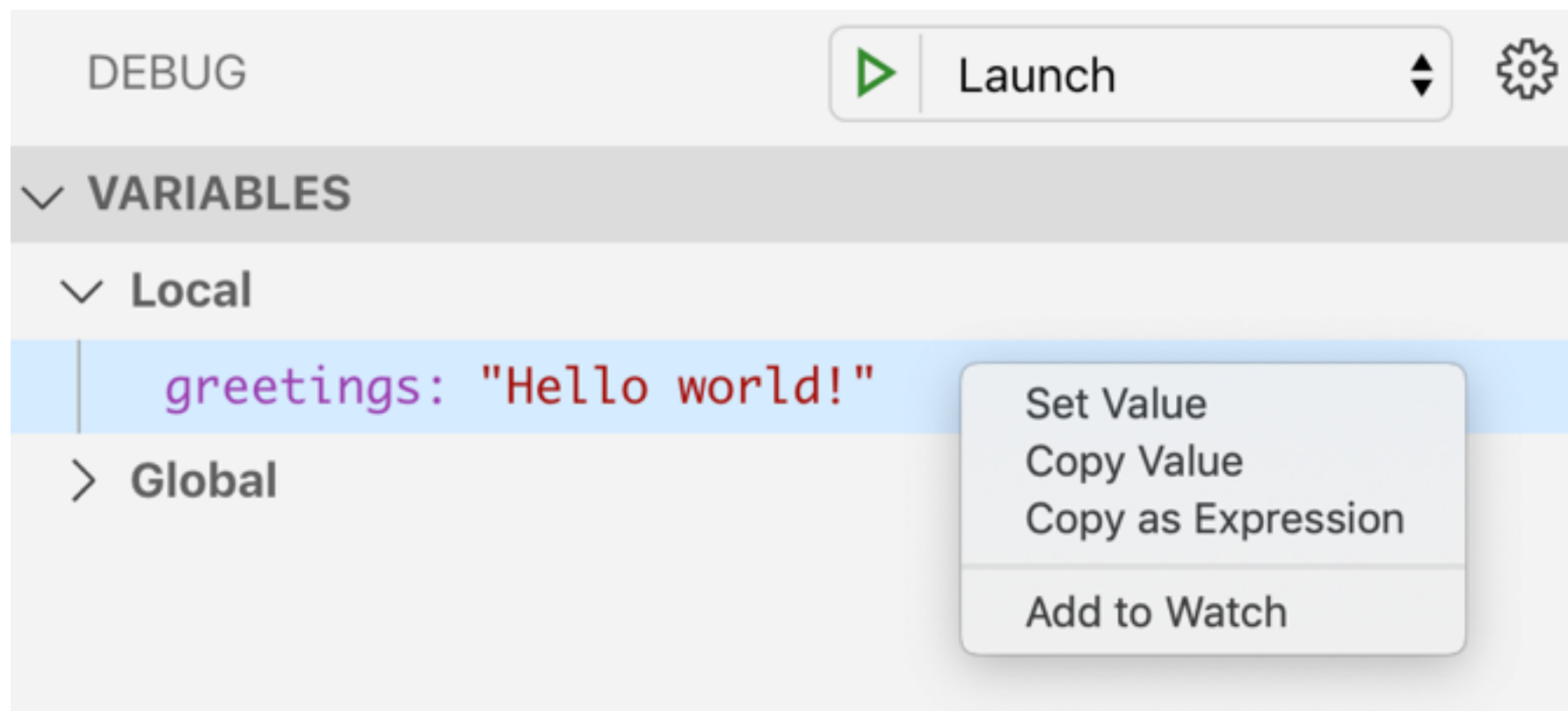
Add/remove breakpoints
when in the middle of
debugging

Attach to an already running local program

What about remote?

Configurable
Stacktrace depth

Improvements to the Variables pane



Show pointer address

run test | debug test

```
36 func TestX(t *testing.T) {  
37     var i, j int  
38     var p = &i  
39     var q = &j  
40     t.Logf("%#v %#v", p, q)  
41 }  
42
```

✓ VARIABLES

✓ Local

```
> t: <*testing.T>(0xc0000d6100)  
> q: <*int>(0xc0000181b0)  
> p: <*int>(0xc000018188)  
j: 0  
i: 0
```

An interesting year...

- All 5 of these improvements were community contributions
- About 60 different contributors in the last year
- Hacktoberfest: 45 Pull Requests from over 35 different contributors
- A disruptive year to the Go tooling eco system
 - Check out Rebecca Stambler's talk on "Go, pls stop breaking my editor"

Partnerships

- Gophers at Microsoft
- Gophers at Google
- Gophers from the community

Thank You!!!