

Angular, Bazel, CLI

Angular SF Meetup
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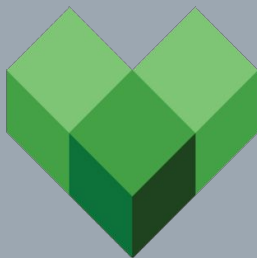
Software Engineer

- Tooling team
- SSR, Language Service, Bazel + CLI

Angular, Bazel, CLI



Angular



Bazel



CLI



Bazel



What



Why



How

Bazel

- Systematically builds and tests software
- Easily extensible via rules and macros (Starlark)
- Speed, correctness, and reproducibility
- Parallel execution is even faster with remote build
- Cache intermediate outputs
- Open source





What

Why

How

Why Angular + Bazel?

- Scalability
- True ABC: Angular Buildtools Convergence
- Much easier configuration with composable rules
- Automatic switchover for existing users




How to get started?

- Angular CLI
- @angular/bazel schematics
- New projects only for now
- Option to “eject”



Demo



```
$ yarn global add @angular/bazel  
$ ng new demo --collection=@angular/bazel  
$ ng build  
$ ng test  
$ ng serve
```


Timeline

- Q1 2019
 - Make Bazel work for small apps
 - Support existing apps
 - Still in labs!
- Preview in 8.0 release
- Mid-year: Graduate from labs along with Bazel 1.0
- Opt-in in 9.0 release





Thank You!

Slides | <https://github.com/kyliu/slides/raw/master/SFMeetupABC.pdf>

Bazel | <https://bazel.build>

ABC | <http://g.co/ng/abc>



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