

Reactive Programming In Spring



SDC:WOB

by Volkswagen Aktiengesellschaft

Benjamin Glusa

I&I SDC @ HOME – 2020-04-17

Why?

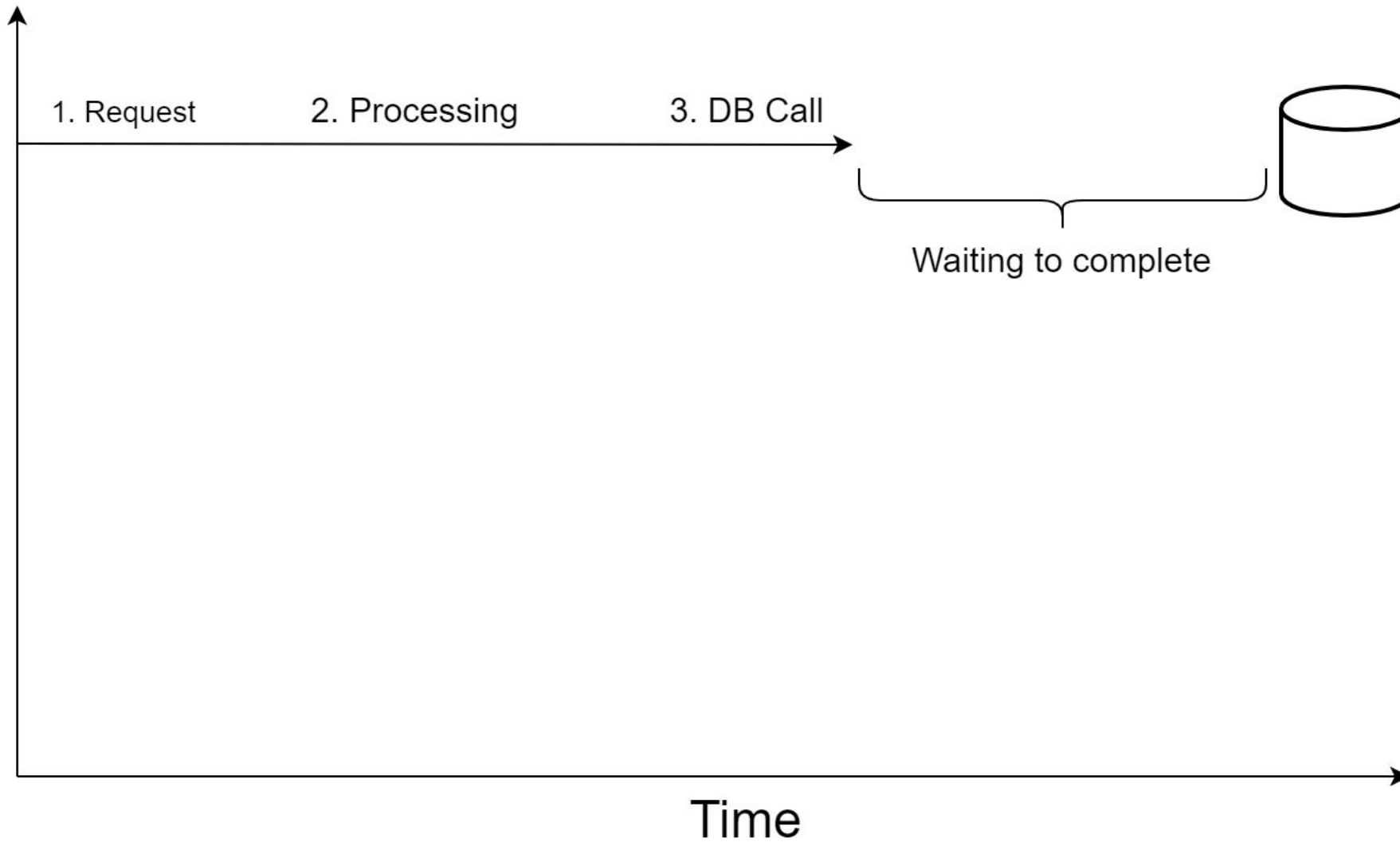

```
@RestController
public class MyRestController {

    @Autowired
    private UserRepository userRepository;

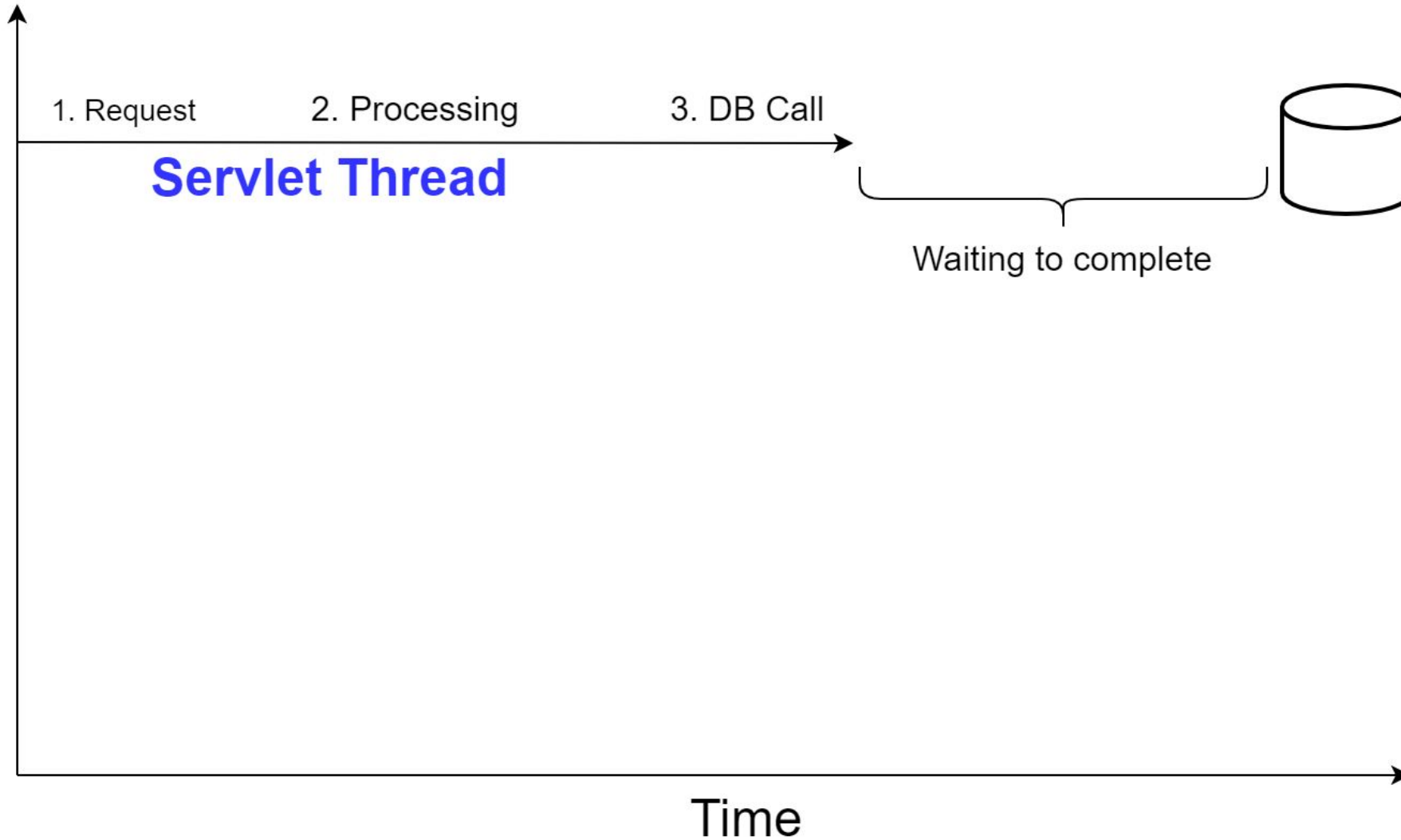
    @GetMapping("/get/user/{id}")
    public User getUser(@PathVariable String id) {
        return userRepository.findUser(id);
    }
}
```



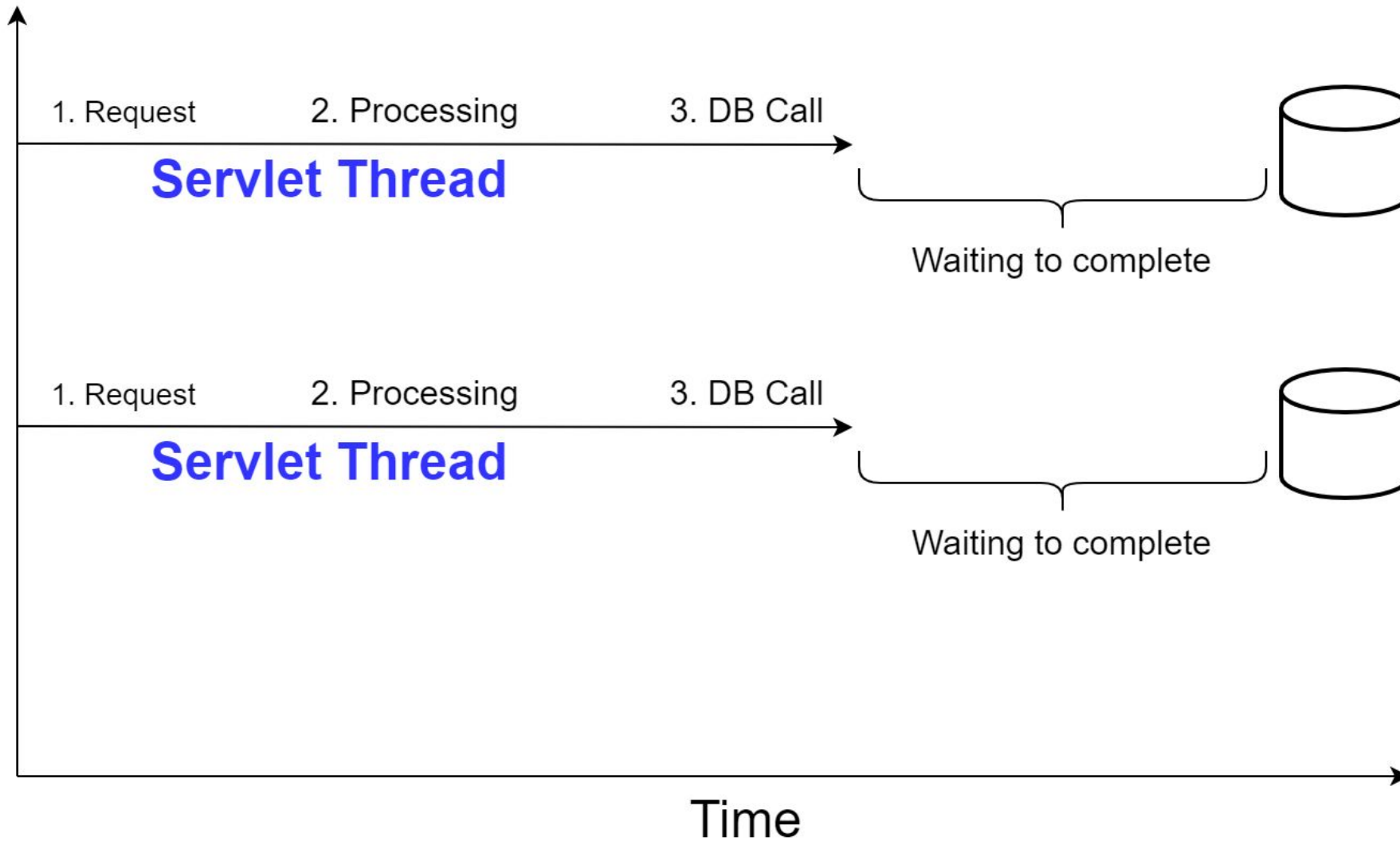
Threads



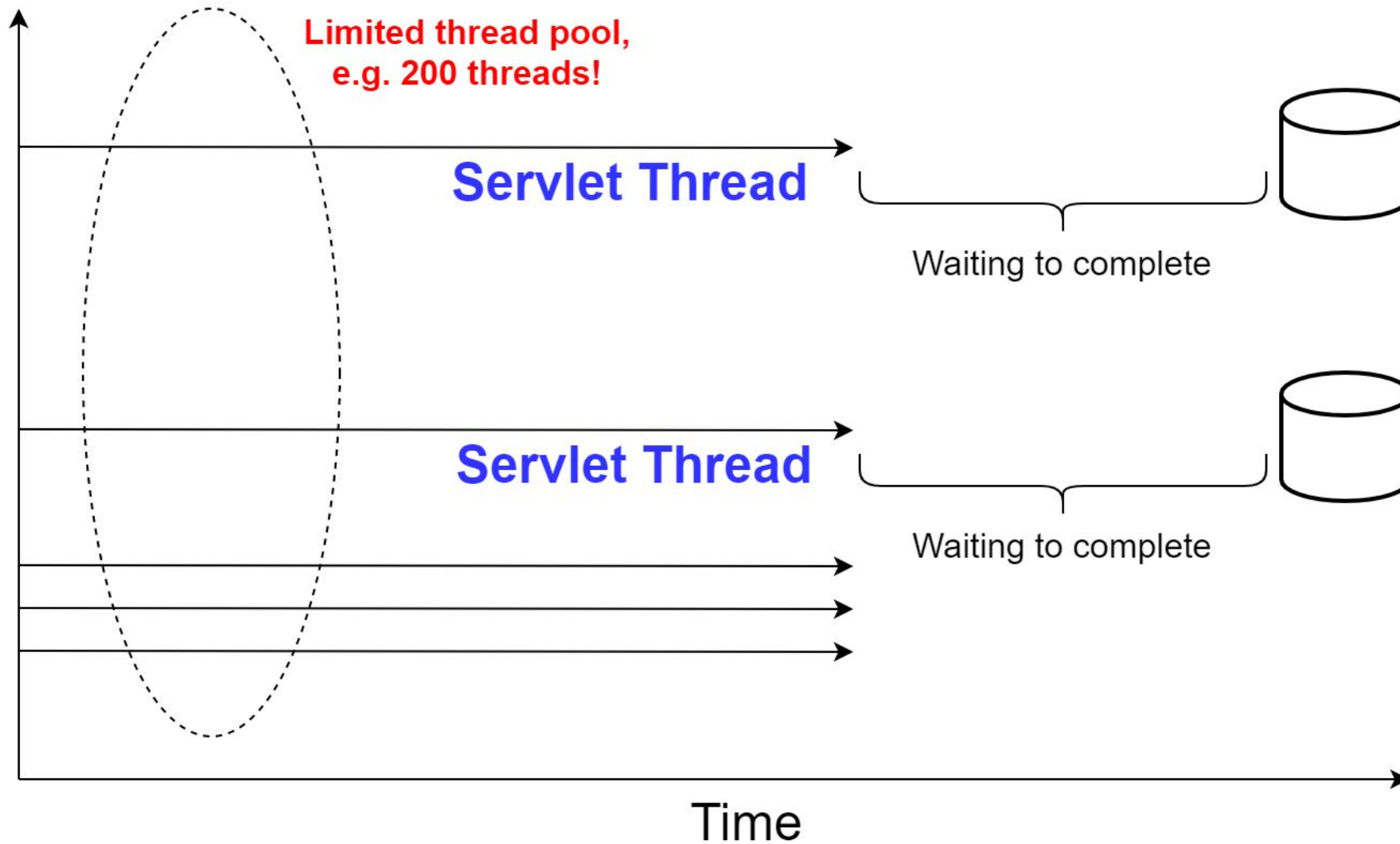
Threads



Threads



Threads



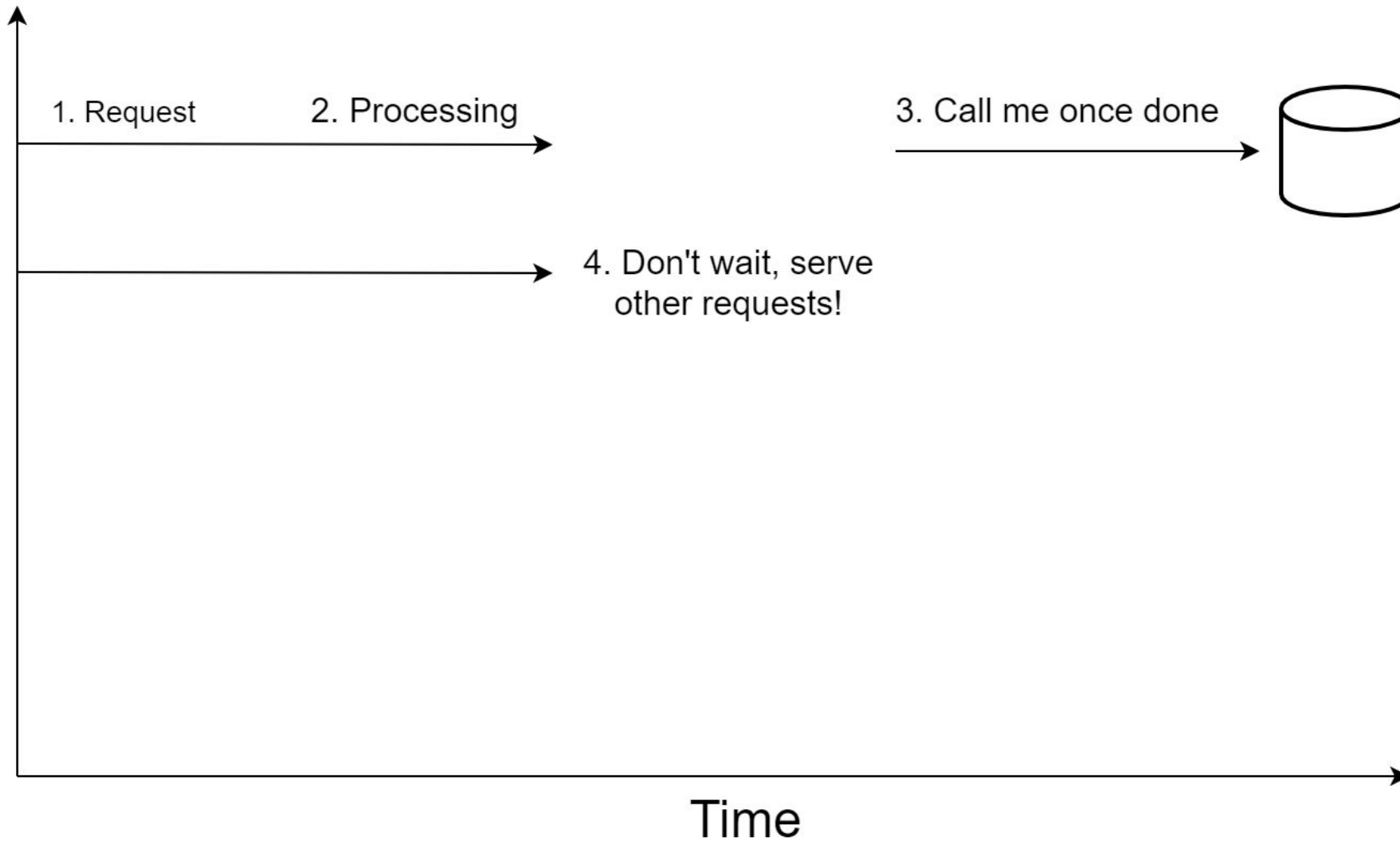
SDC:WOB

Why Summary

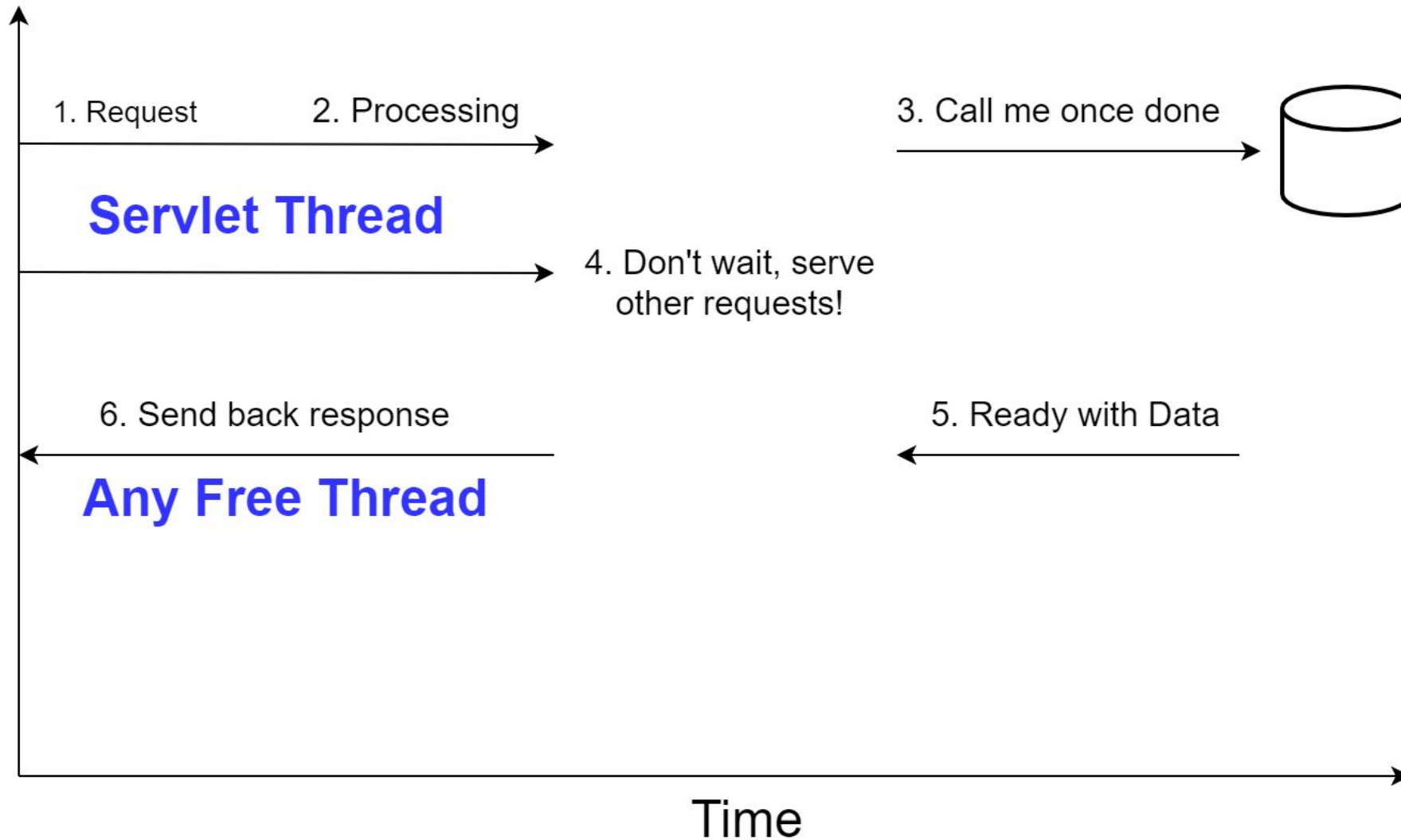
We want our apps to scale independent of the number of cpu threads!

What can we do?

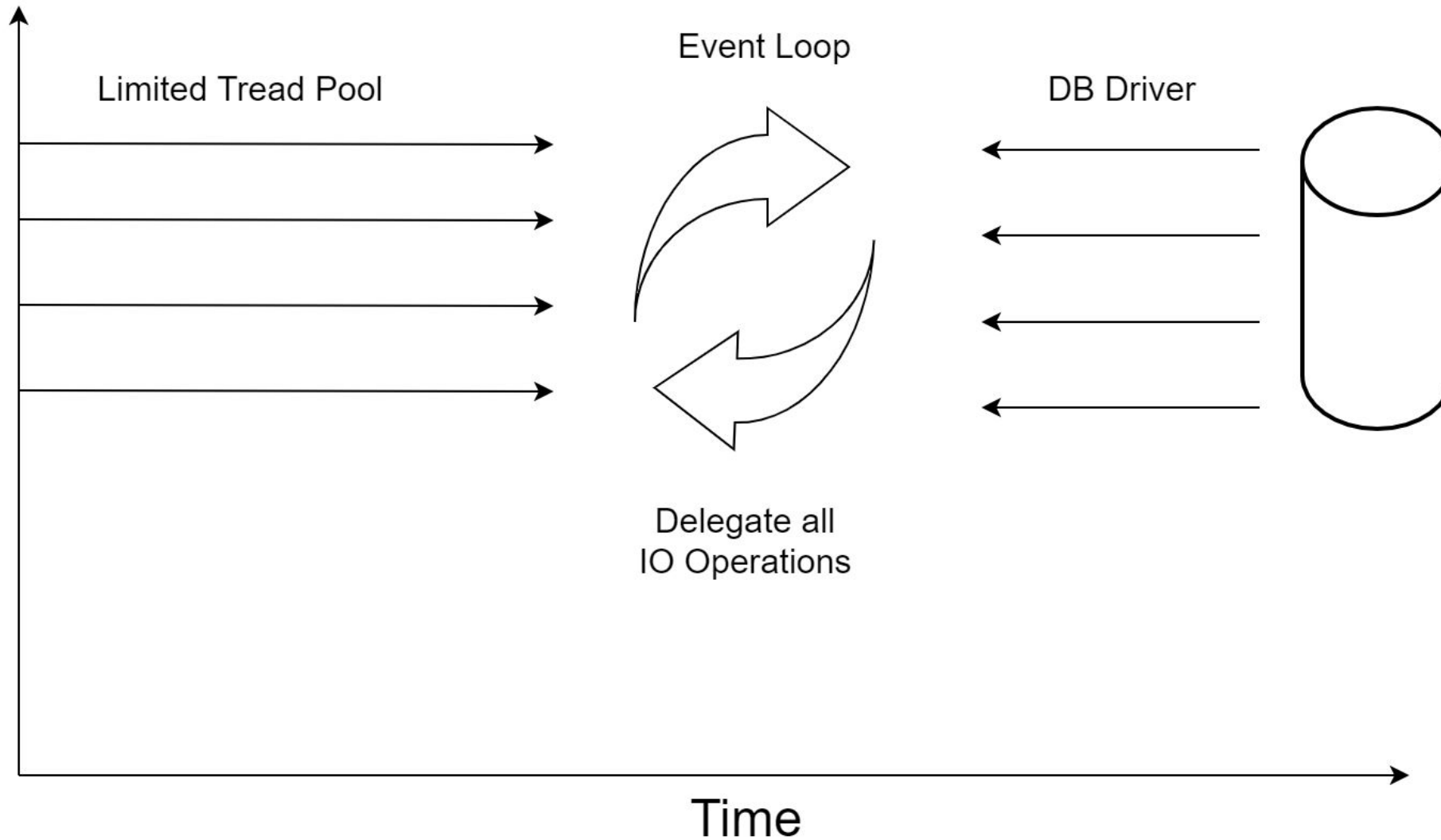
Threads



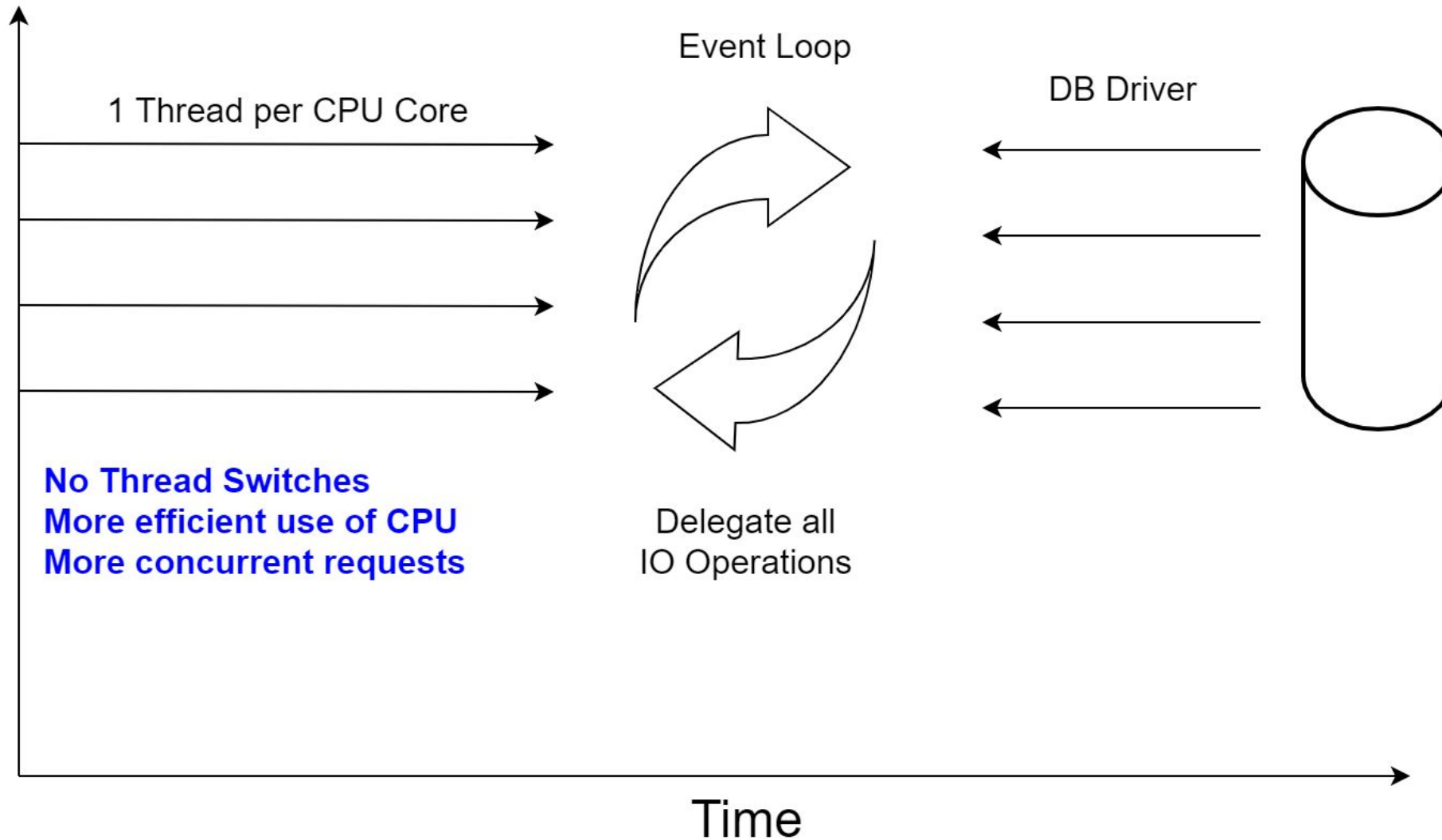
Threads



Threads



Threads



How?

super easy barely an inconvenience



SDC:WOB



Spring



Spring Boot



Reactor



Demo

It's time to code!

This is the part that never goes wrong...

Questions? Statement?

Wanna say hello?

こんにちは



SDC:WOB

Many thanks

... to the Spring Team

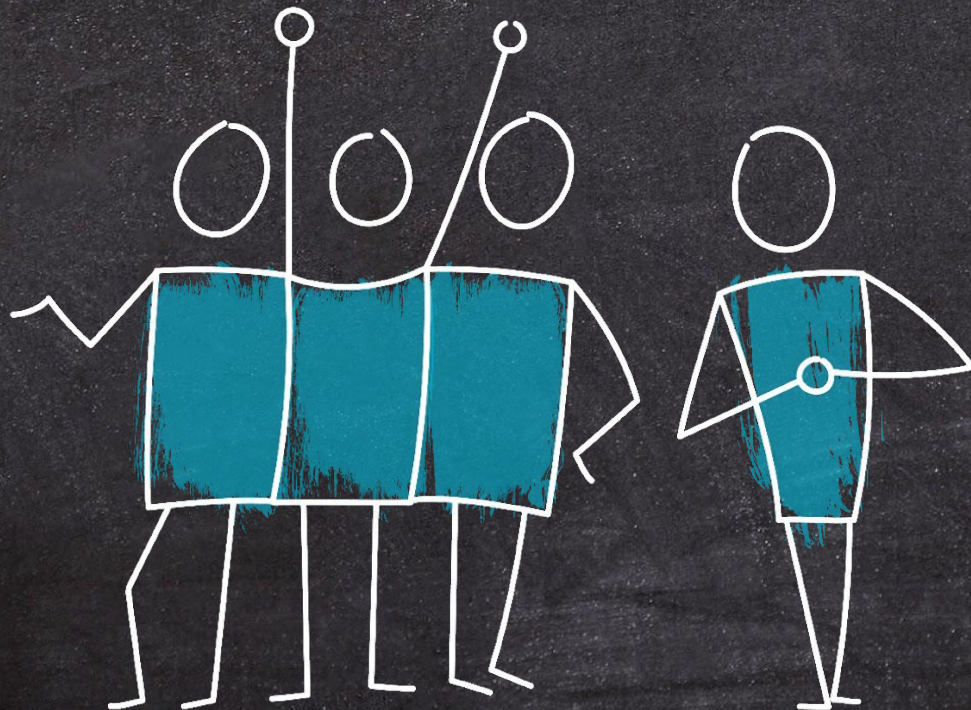
... to the audience for your interest and participation

Want More?

Check out Josh Long and
Sébastien Deleuze on YouTube and Twitter

LET'S INNOVATE

@SDC:WOB



SDC:WOB