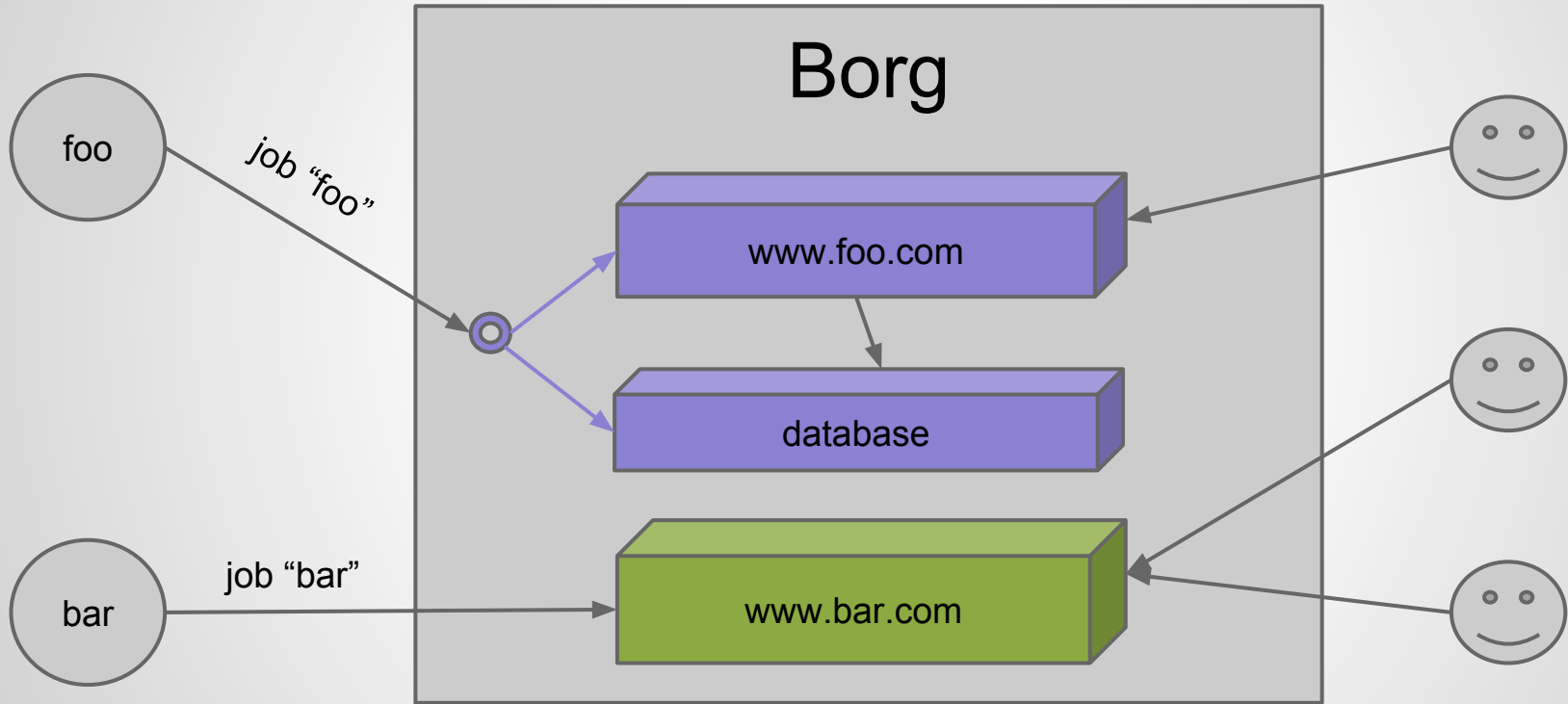


Borg

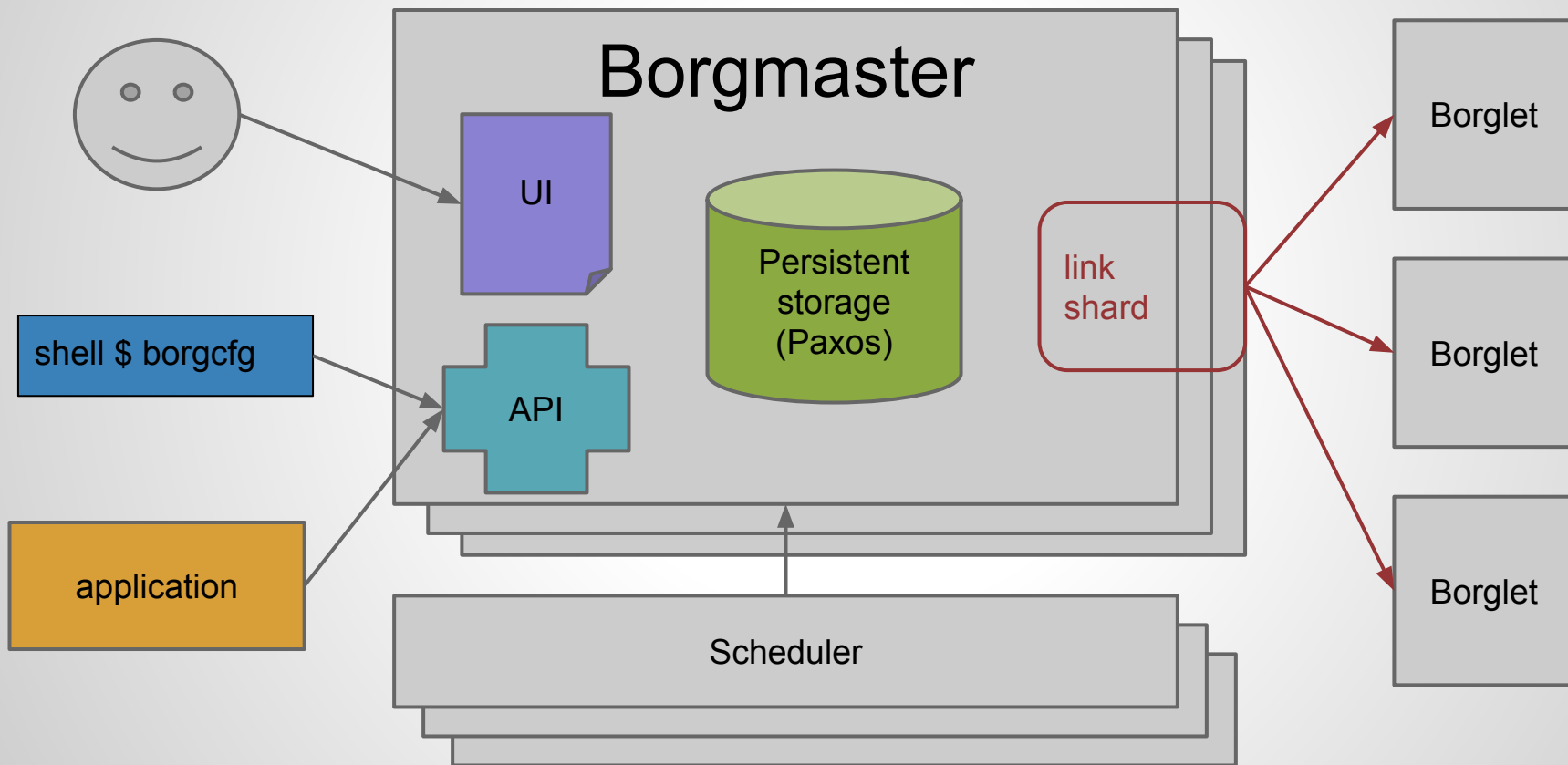
Large-scale cluster management

Aleksey Filippov
Faculty of Computer Science,
Kalashnikov Izhevsk State Technical University

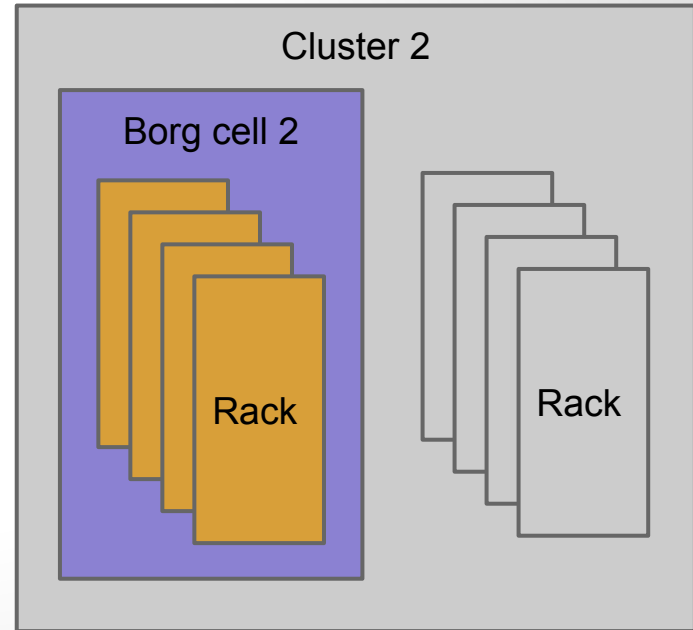
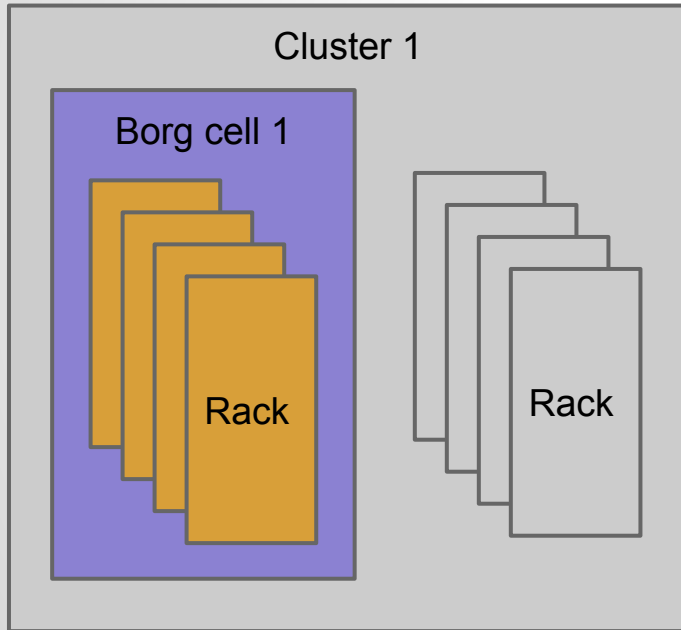
What is it for?



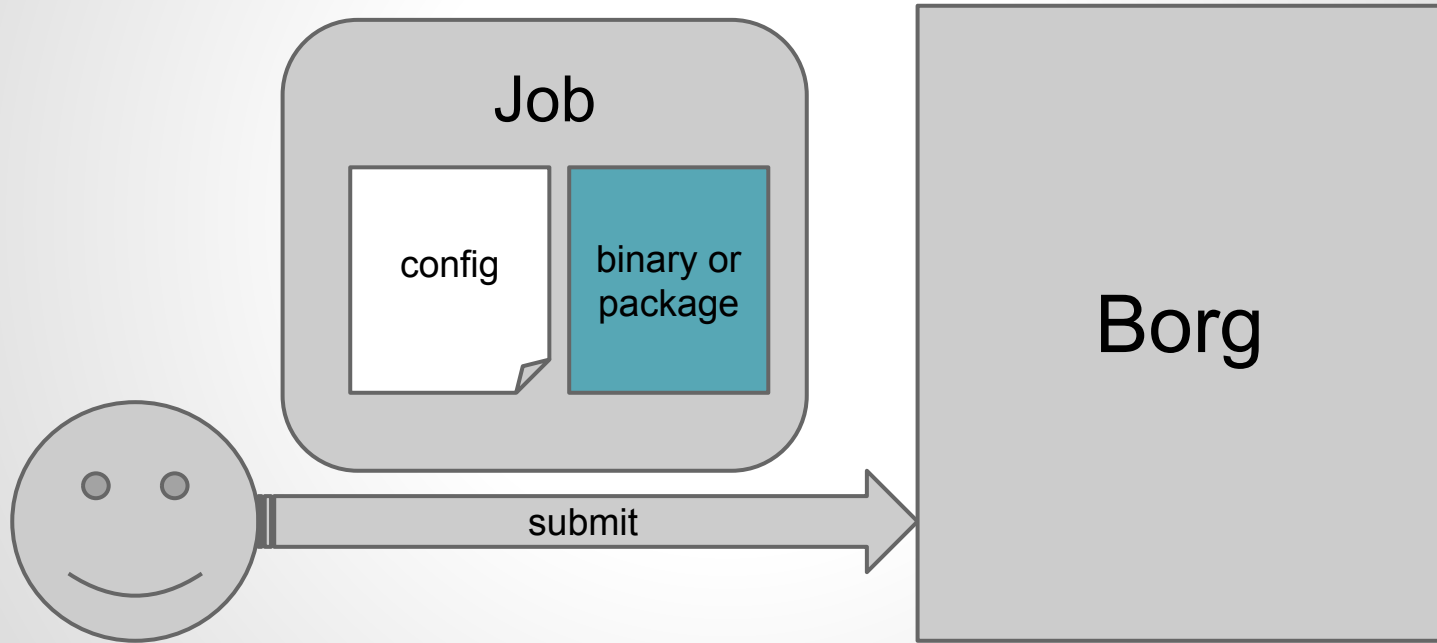
How does it work?



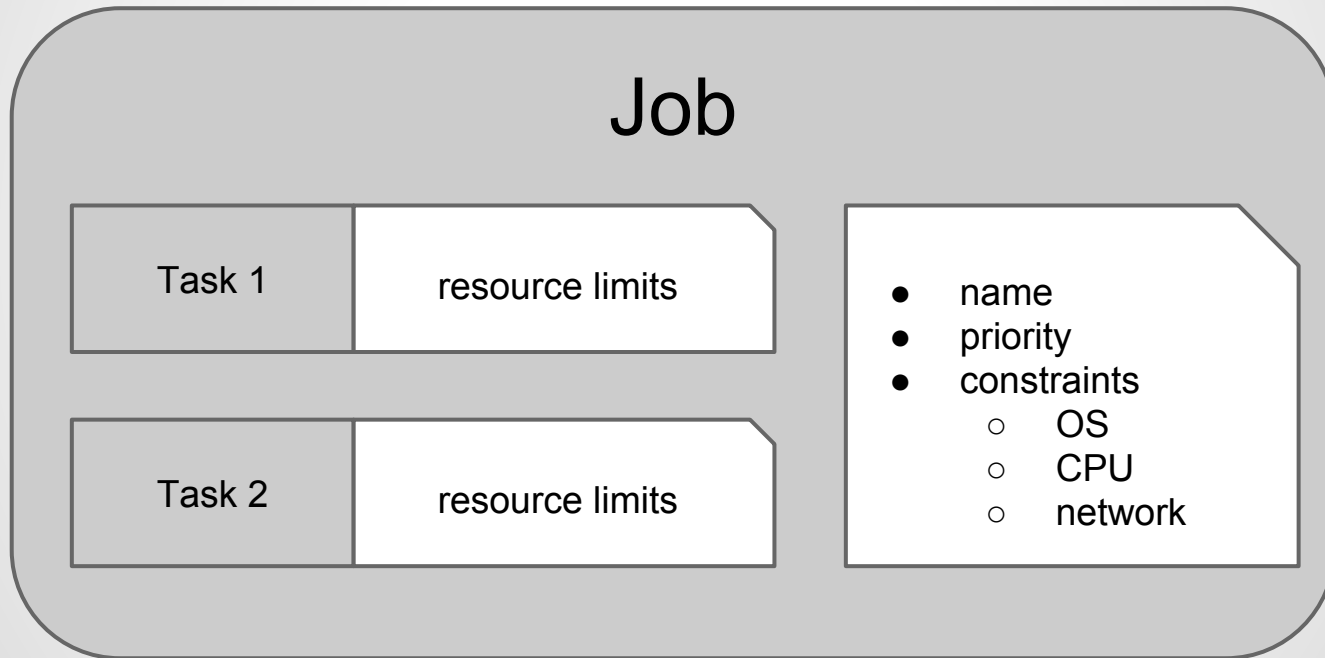
Scalability: 50'000 machines per cell



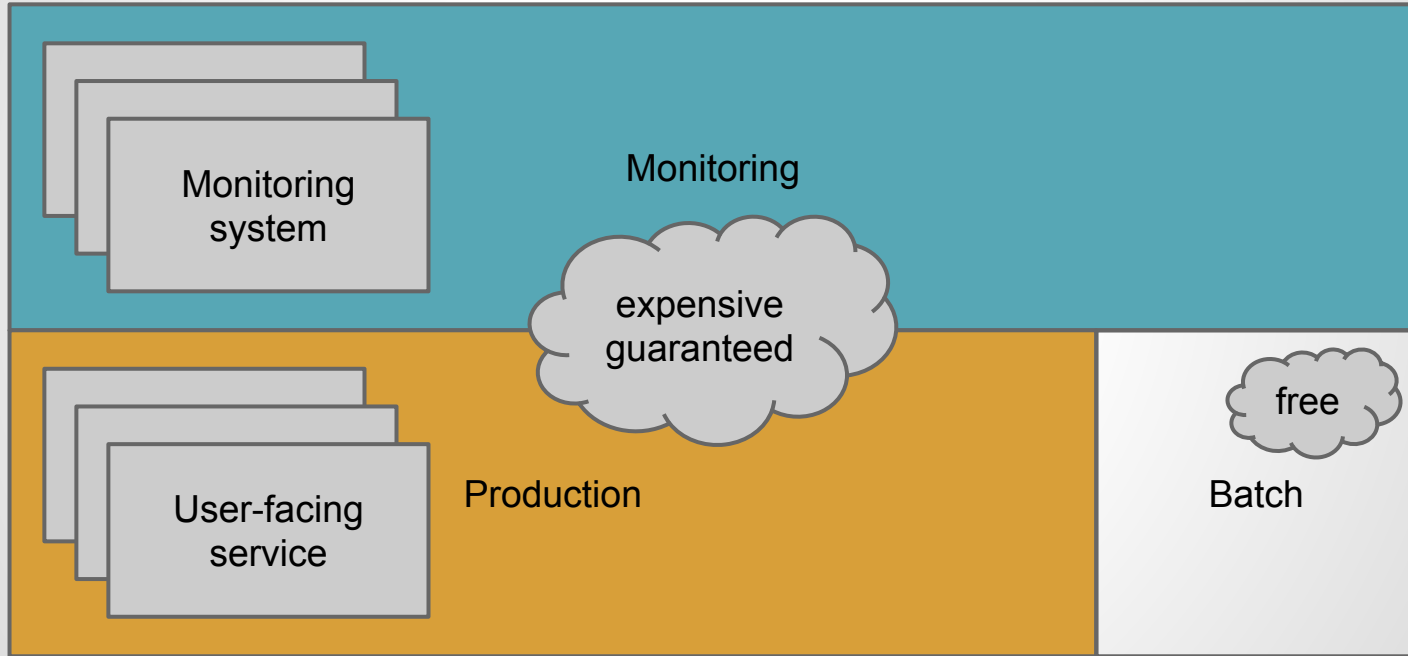
Job distribution



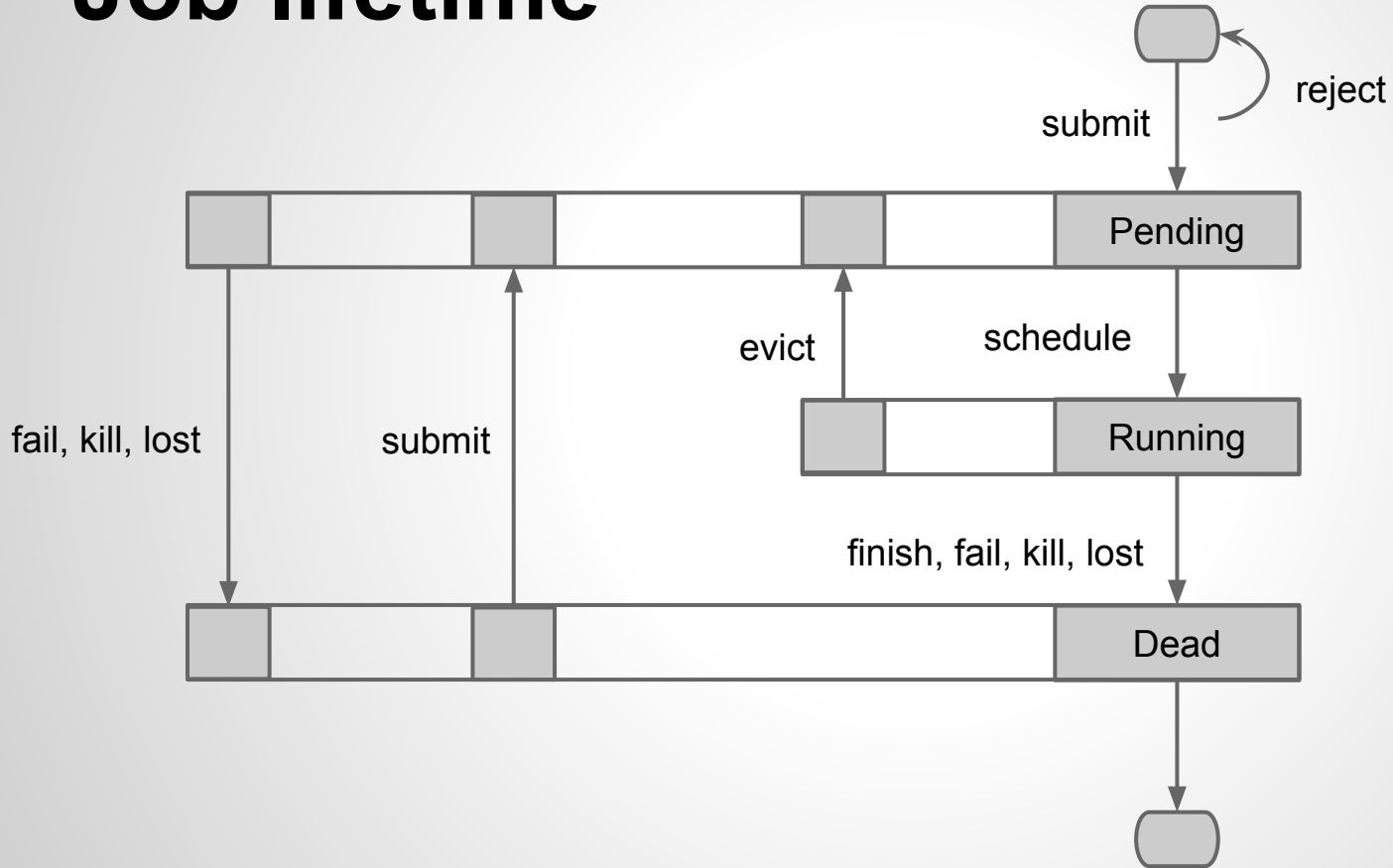
Job configuration



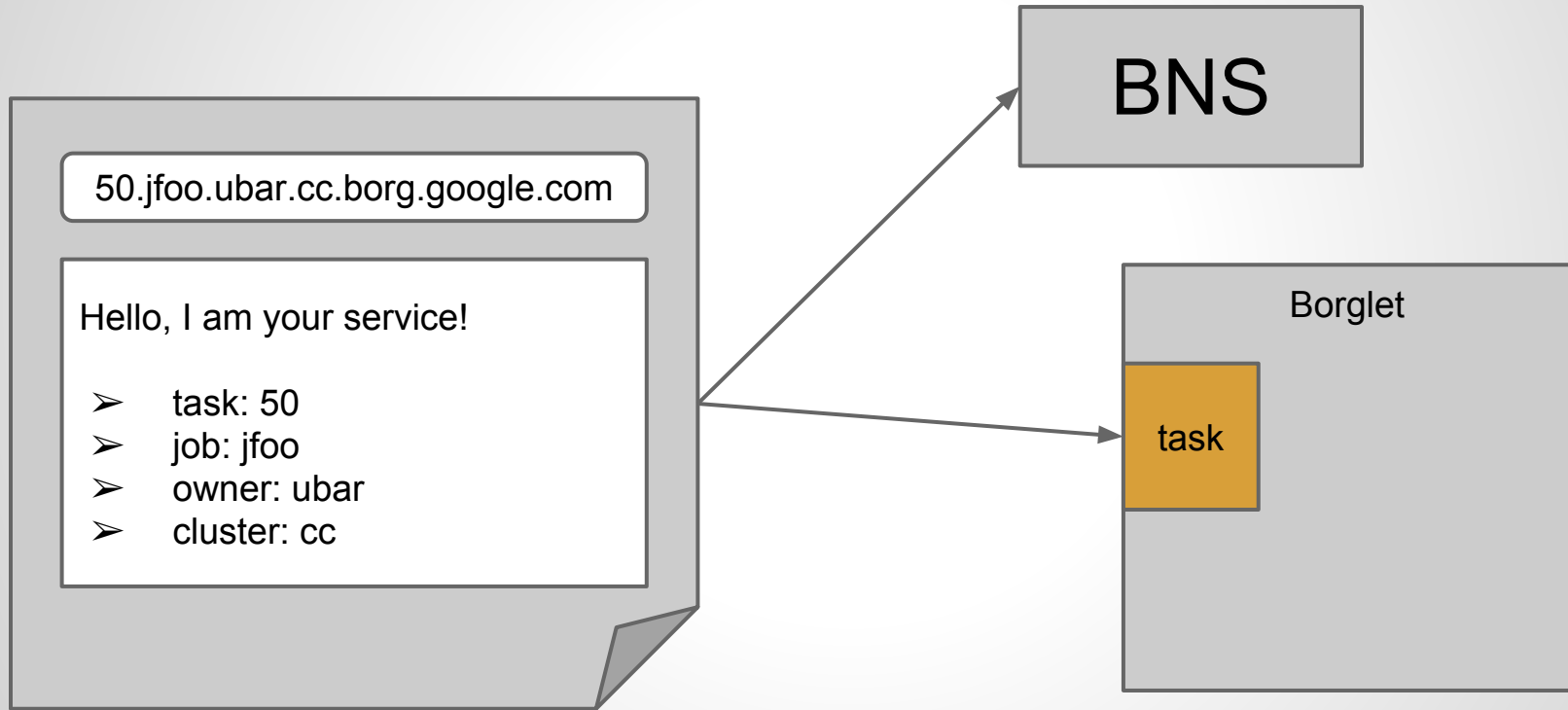
Priorities, quotas and utilization



Job lifetime



How to find your service?



Summary

- Easy to use and maintain
- Scalable
- High resource utilization

Thank you for your attention!