

Load balancing: my naive understanding

y.ma@riken.jp

20160930

Outline

- ❖ A brief self introduction
- ❖ Our possible contribution for load balancing
- ❖ A few questions

Self introduction

- ❖ PhD thesis: Hypernuclear gamma-ray spectroscopy
- ❖ Postdoc: PANDA @ FAIR / GSI
- ❖ Currently: Kaon-Nucleon interaction(E15, E31, E57 / E62 @ J-PARC), g-2 measurement
- ❖ Contribution: DAQ related (in particular, C, C++ programming)

Possible solutions & contributions

- ❖ Two categories: brute force vs. peer-to-peer
- ❖ Hardware independent “solutions”
- ❖ High performance server and cpu farm in preparation
- ❖ OS, programming language preference?

A few questions

- ❖ What's the motivation to perform simulation?
- ❖ How much has been done?
- ❖ Where should we start (more specific)?

Summary

❖ Thank you for your attention!