

Rejoinder

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Final topics

- ▶ Strategies for dealing with large data
- ▶ Unmet needs in the project
- ▶ Amusements

Dealing with large data

Strategies

- ▶ Efficient *R* code
- ▶ Memory management – selective import; iteration (*yield*)
- ▶ **Parallel evaluation**
- ▶ Native code

BiocParallel

1. Consistent, interchangeable back-ends
2. Common scheduling
3. Error recovery, progress report, ...
4. Appropriate algorithms & implementations

Unmet needs

- ▶ #biocbugfix

Final amusements

- ▶ *shiny*¹
- ▶ *Rcpp*²

¹<http://www.rstudio.com/shiny/>

²<http://dirk.eddelbuettel.com/code/rcpp.html> ▶ ◀ ☰ ▶ ◀ ☰ ▶ ◀ ☰ ▶ ☰ 🔍 ↻

Conclusions

- ▶ Diversity of scientific research questions
- ▶ Interactions with motivated & highly skilled peers
- ▶ Opportunities for synergy, cooperation, & mutual benefit
 - ▶ Collegial understanding of differences
 - ▶ Adopting shared approaches
 - ▶ Learning from one another

Huge thanks to organizers and participants!