Using R to provide a reporting plug-in for an Eclipse application

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Packaging R for Eclipse

- Fixed version
- Known location
- Access to commands and libraries
Using rscript
Using `rscript`

- Disk access
- Restarting executable
Using JRI

- Data direct
- Single instance
- Use text connection to run a script
Reporting Package

- Standardised XML output
  - Graphs
  - Table
  - Text
- Processed by Java
Report Production

- All generated items available as XML
- Output to a number of standard formats
In Summary

• Package R for distribution and access
• JRI for performance
• Standardised XML results