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

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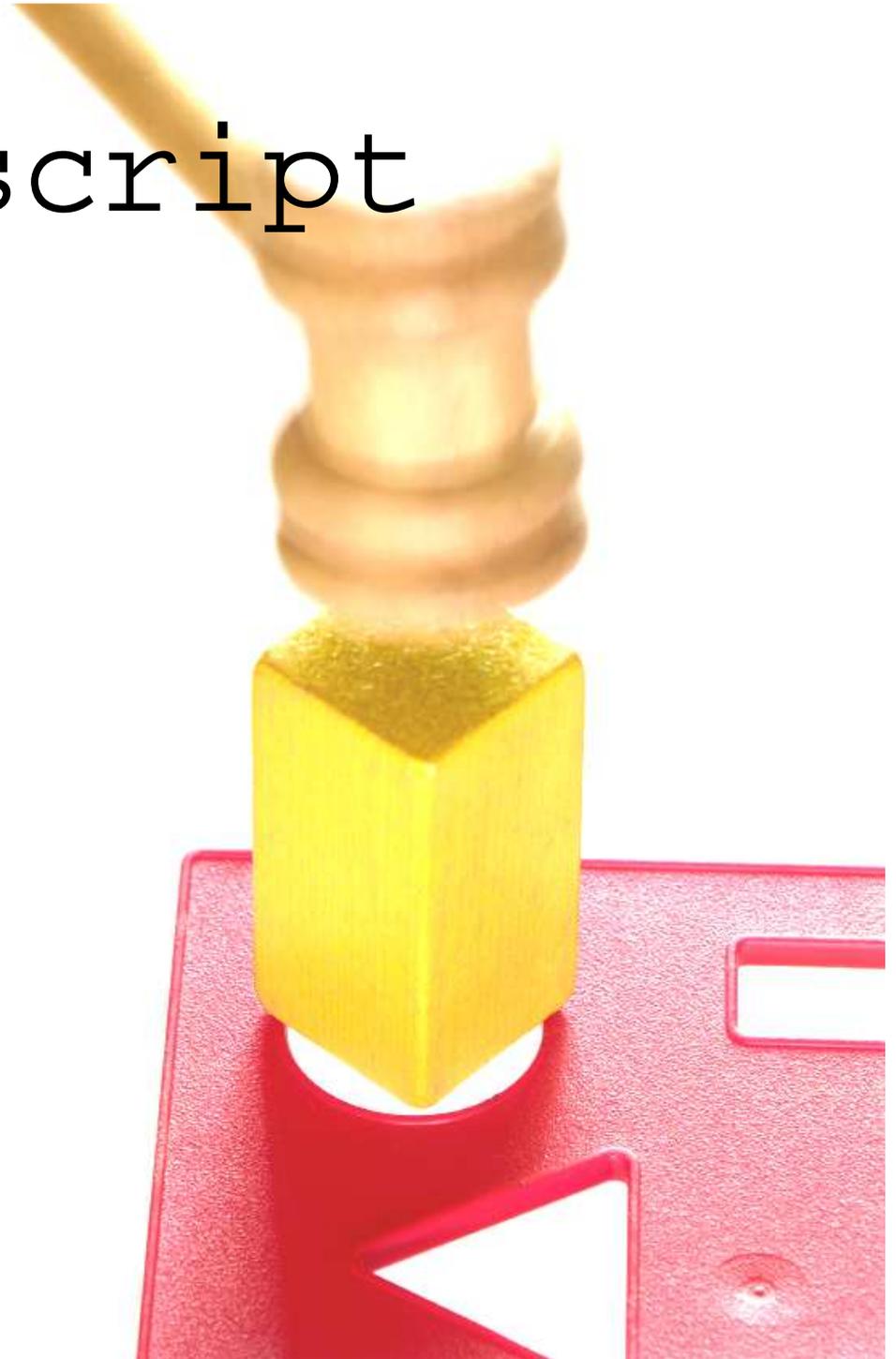
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Packaging R for Eclipse

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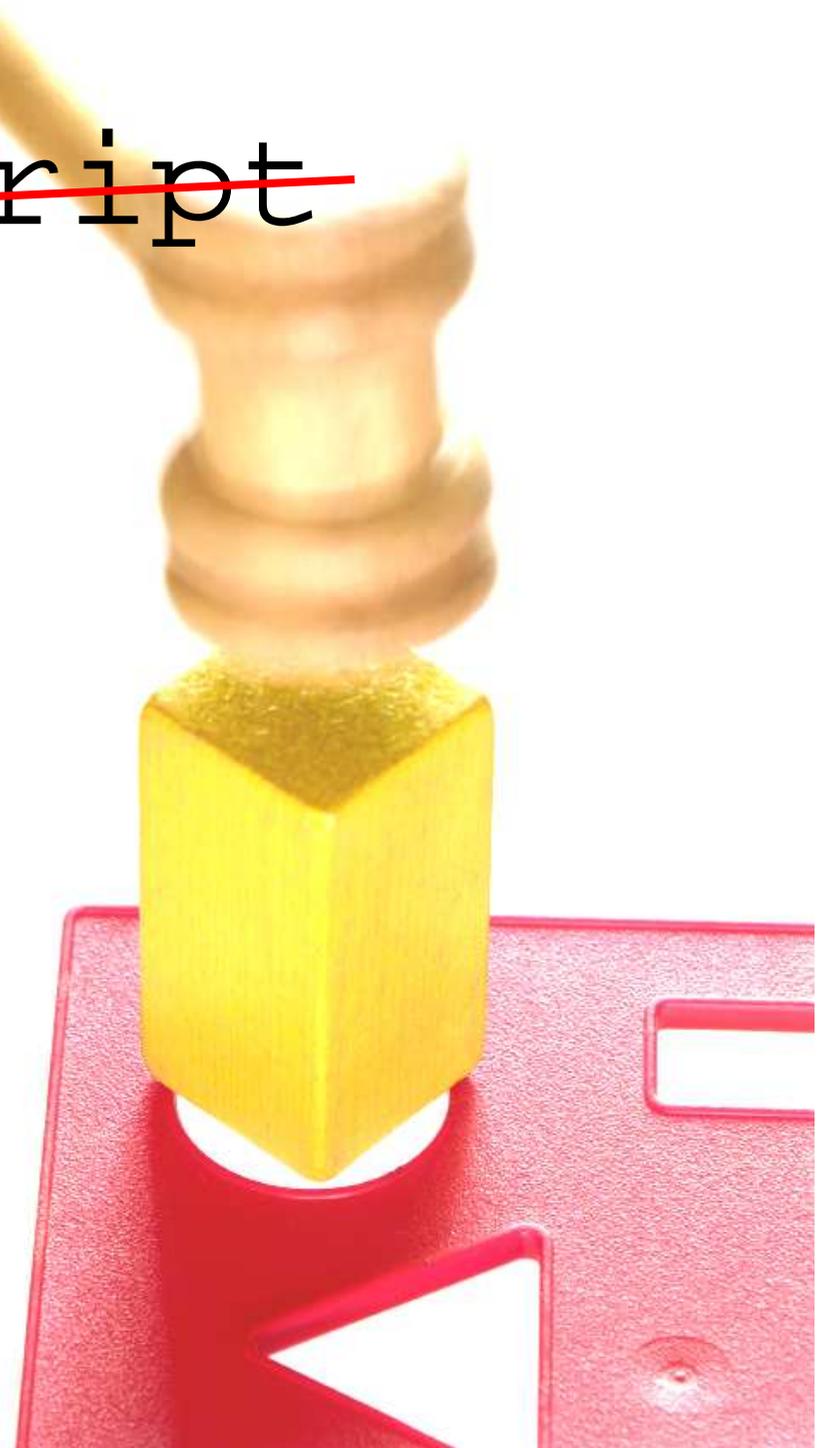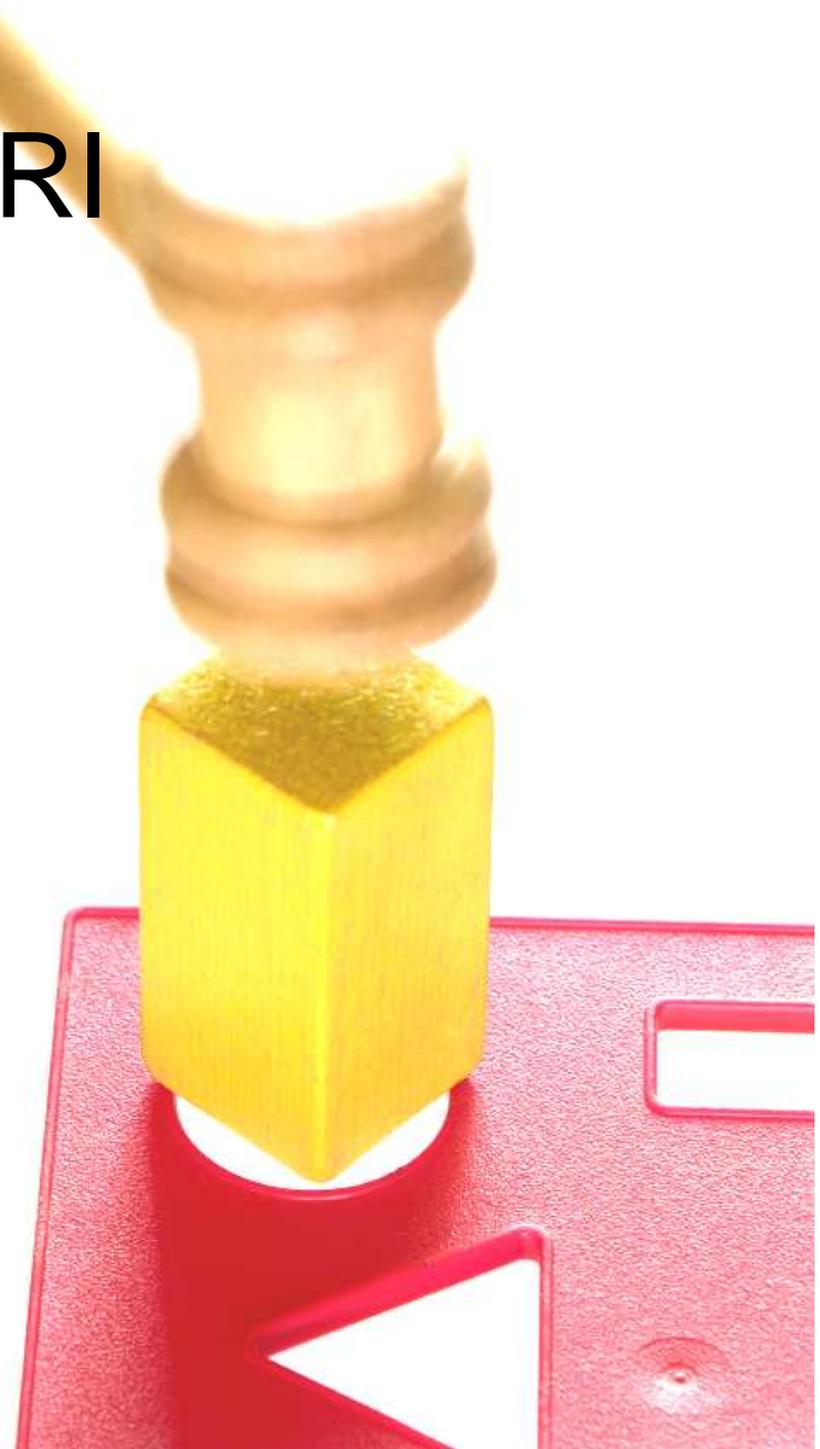
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Using `rscript`

Using ~~rscript~~

- Disk access
- Restarting executable

Using JRI

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

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Reporting Package

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

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Report Production

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

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In Summary

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

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