Rapid Application Deployment with R

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In this presentation we discuss our experiences of deploying R client based solutions. We demonstrate that R packages such as “R-(D)Com” and “RODBC” that allow communication with other applications (e.g. Excel) together with R-Gui packages such as “rpanel” and “tcltk” makes for a very powerful combination of tools for building customised statistical applications. Thanks, in part, to the very concise nature of R-programming such applications can be very quickly developed with extreme ease making previously unviable consultancy projects due to cost/benefit or manpower constraints achievable. The scope for using R based applications within Shell is enormous and we have already deployed numerous diverse solutions across all areas of the business including: Monte Carlo simulation tools, Customised Data Visualisation Tools, Forecasting toolbox, Groundwater monitoring application, automatic report generation and curve fitting to name but a few.