The R Service Bus: New and Noteworthy

Tobias Verbeke¹,⋆

1. OpenAnalytics BVBA
⋆Contact author: tobias.verbeke@openanalytics.eu

Keywords: R Service Bus, Automation, Enterprise Service Bus, Architect

The R Service Bus (RSB) (OpenAnalytics, 2013b) is a popular open source solution to automate statistical analyses using R. It is a swiss army knife that allows all kinds of software systems or end user applications to make use of R-based statistical functionality.

In this presentation we will demonstrate the R Service Bus at work, showing how easily one can turn an arbitrary R package into an R Service Bus application and how one can address the functionality via a web client, using folder monitoring, via e-mail or via API calls.

In the second part of the presentation we will list new features that were added for a use case where RSB had to handle 8500 requests per second. It concerns primarily new authentication backends, client side pooling for extremely fast processing and integration with the Architect IDE (OpenAnalytics, 2013a).

References
