

An Open Source Visual R Debugger in StatET

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The StatET plug-ins turn Eclipse into a first class integrated development environment for *R* programmers and data analysts. It offers a set of mature tools for *R* coding and package building and provides a fully integrated R Console, Object Browser and R Help System. In this paper we will present a visual debugger for R that has been seamlessly implemented using the Eclipse debugger framework and allows developers to visually step through the code and inspect variables and expressions in dedicated Eclipse views. We will provide a detailed overview of all debugging functionality that has been implemented (over the last year) and (convincingly) demonstrate the added value a visual debugger can bring to the R development process.

WalWare et al (2004 – 2011). Eclipse Plug-In for R: StatET. <http://www.walware.de/goto/statet/>.