

SAS/IML[®] Studio 3.2

Advanced Computing Environment for High-End Data Analysts

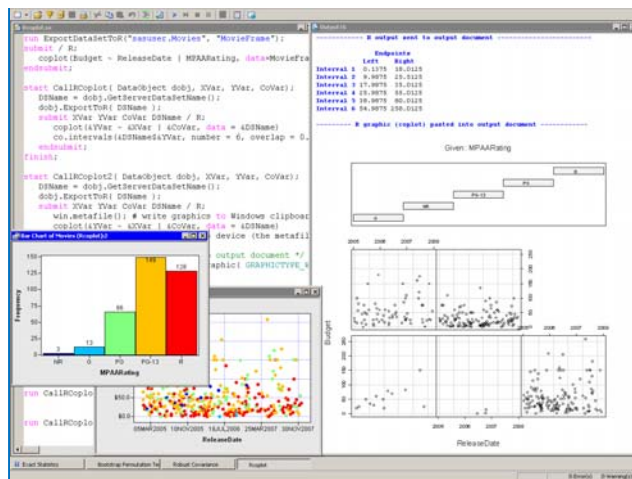
Overview

New frontiers for statistical problem-solving are increasingly defined by complex data. Consequently, high-end data analysts need a versatile computing environment that enables them to apply innovative statistical methods and to understand the multivariate relationships found in complex data.

SAS/IML[®] Studio (formerly known as SAS Stat Studio) provides a robust and extensible statistical programming environment. It has the flexibility to implement customized methods that go beyond the standard functionality available in SAS analytical procedures.

Users can move seamlessly between intensive computing and interactive analysis to solve challenging problems and add business value for their company. With an optimized client-server language, multithreaded workspaces, and high-speed data transport between client and server, SAS/IML[®] Studio provides the performance and reliability that customers expect from SAS.

SAS/IML[®] Studio is a Windows client that ships with SAS/IML. In addition to SAS/IML, it requires Base SAS and SAS/STAT to be installed on the server. SAS/IML[®] Studio will be useful to SAS analytical procedure users as well as to IML programmers



IML Studio Programming Environment

SAS/IML[®] Studio is built around the IMLPlus programming language, which is an extension of the IML language. The “Plus” part of the name refers to new features that extend the IML language including the ability to call SAS procedures directly from within IML.

SAS/IML[®] Studio enables the programmer to:

- Write, debug, and execute IMLPlus programs in an integrated development environment
- Execute SAS procedures or DATA step code from within an IMLPlus program
- Call SAS procedures as functions
- Create customized, dynamic graphics
- Develop customized data analysis programs that use dialog boxes
- Call functions from libraries written in C/C++, Fortran, and Java

Integration with R

SAS/IML[®] Studio now provides even more extensibility by enabling the programmer to interface with R from within an IML Studio workspace. Users will be able to exchange data and matrices with R as well as execute R code and retrieve results.

By taking advantage of these features, the programmer can extend both the analytical and graphical capabilities available in SAS.

Additional Information

SAS/IML[®] Studio requires SAS 9.2. SAS 9.2 is now available via the Electronic Software Download process. For more information, please visit <http://support.sas.com>.