
Subject: Annc: O-Matrix 6.4

Posted by Beau on Tue, 08 Apr 2008 22:21:40 GMT

[View Forum Message](#) <> [Reply to Message](#)

O-Matrix Version 6.4 is now available. This release includes numerous IO functionality and performance enhancements, new string handling functions including regular expressions, FFT and linear algebra performance enhancements.

- Text file headers, <http://www.omatrix.com/manual/readh.htm>
 - User-specified value separators, <http://www.omatrix.com/manual/read6.htm>
<http://www.omatrix.com/manual/writesep.htm>
 - Reading data with missing values, <http://www.omatrix.com/manual/read7.htm>
 - Write and read functions for new O-Matrix native binary file format
<http://www.omatrix.com/manual/omwrite.htm>
<http://www.omatrix.com/manual/omread.htm>
- Data can be written in the new native format over 20 times faster than text files and can be read over 200 times faster than text.
- String searching with regular expressions
<http://www.omatrix.com/manual/findstr.htm>
 - Listdir with regular expressions,
<http://www.omatrix.com/manual/listdir.htm>
 - String replacement, <http://www.omatrix.com/manual/streplace.htm>
 - Updates for support of Tecplot Focus 2008 and Tecplot 360 2008
<http://www.omatrix.com/manual/tecplot.htm>
 - Expanded Data Visualizer support
<http://www.omatrix.com/manual/datavisualizer.htm>

O-Matrix is an easy-to-use integrated technical computing environment and matrix-based scripting language with execution performance that far surpasses typical integrated environments such as Matlab, GAUSS, R, and Mathematica.

O-Matrix includes an extensive library of mathematical, statistical, engineering and visualization functions.

A complete overview of O-Matrix is available at:

<http://www.omatrix.com/overview.html>

Benchmark results are available at:

<http://www.omatrix.com/bench.html>
